

Sarah Depaoli

CONTACT INFORMATION School of Social Sciences, Humanities and Arts
University of California, Merced Office: (209) 228-4549
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Merced, CA 95343 Web: www.sarahdepaoli.com

EDUCATION UNIVERSITY OF WISCONSIN–MADISON

Ph.D., Educational Psychology, Quantitative Methods, 2010

- Dissertation: *Specification Issues in Bayesian Growth Mixture Modeling*
- Minor: *Mathematical Statistics*
- Advisor: Professor David Kaplan

CALIFORNIA STATE UNIVERSITY, SACRAMENTO

M.A., Quantitative Psychology, 2007

- Thesis: *Item Response Theory Methods Applied to a Large State Employee Examination*
- Advisor: Professor Lawrence Meyers

B.A., Psychology, 2003

PROFESSORSHIP AND FACULTY AFFILIATIONS

- (2017-present) *Associate Professor*: Quantitative Psychology within the School of Social Sciences, Humanities, and Arts, University of California, Merced
- (2012-present) *Affiliate Faculty Member*: Health Sciences Research Institute, University of California, Merced
- (2011-2017) *Assistant Professor*: Quantitative Psychology within the School of Social Sciences, Humanities, and Arts, University of California, Merced

PROFESSIONAL AFFILIATIONS

- Elected member: Society of Multivariate Experimental Psychology (2016 - present); only 65 active members in the world
- American Educational Research Association, Division D: Measurement and Research Methodology (2007-present)
- American Psychological Association, Division 5: Quantitative and Qualitative Methods (2007-present)
- Association for Psychological Science (2014-present)
- National Council on Measurement in Education (2010-present)
- Psychometric Society (2010-present)

AWARDS

- Association for Psychological Science, Rising Star (Early Career) Award, Quantitative Psychology, 2015
- University of California, Hellman Fellow, 2013
- American Psychological Association, Division 5 Distinguished Dissertation Award, 2011
- Society of Multivariate Experimental Psychology Travel Award, 2010
- International Meeting of the Psychometric Society Travel Award, 2010
- American Educational Research Association, Division D Travel Award, 2010
- CSU, Sacramento Competitive Research Travel Award, 2007
- CSUS, Albert M. Swanson Memorial Scholarship Award, 2007

PUBLICATIONS

† denotes a student or post-doc collaborator

1. Winter, S. D.,† **Depaoli, S.**, & Tiemensma, J. (*in press*). Assessing differences in how the CushingQoL is interpreted across countries: Comparing patients from the U.S. and the Netherlands. *Frontiers in Endocrinology*. doi: 10.3389/fendo.2018.00368/
2. Tiemensma, J., **Depaoli, S.**, Winter, S. D.,† Felt, J. M.,† Rus, H.,† & Arroyo, A.† (*in press*). The Performance of the IES-R for Latinos and non-Latinos: Assessing measurement invariance. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0195229>
3. **Depaoli, S.**, & Liu, Y. (*in press*). Book review: Bayesian psychometric modeling. *Psychometrika*. [invited review]
4. **Depaoli, S.**, Tiemensma, J., & Felt, J.† (2018). Assessment of health surveys: Fitting a multidimensional graded response model. *Psychology, Health, and Medicine (Methodology special issue)*, 23, 13-31.
5. van de Schoot, R., Sijbrandij, M., **Depaoli, S.**, Winter, S. D.,† Olf, M., & van Loey, N. (2018). Bayesian PTSD-trajectory analysis with informed priors based on a systematic literature search and expert elicitation. *Multivariate Behavioral Research*, 53, 267-291.
6. Zondervan-Zwijnenburg, M. A. J.,† Peeters, M., **Depaoli, S.**, & van de Schoot, R. (2017). Where do priors come from? Applying guidelines to construct informative priors in small sample research. *Research in Human Development*, 14, 305-320.
7. Felt, J. M.,† Castaneda, R.,† Tiemensma, J., & **Depaoli, S.** (2017). Using person fit statistics to detect outliers in survey research. *Frontiers in Psychology*, 8, 1-9.

8. Felt, J.,[†] **Depaoli, S.**, & Tiemensma, J. (2017). Latent growth curve models for biomarkers of the stress response. *Frontiers in Neuroscience, 11*, 1-17.
9. **Depaoli, S.**, & van de Schoot, R. (2017). Improving transparency and replication in Bayesian statistics: The WAMBS-checklist. *Psychological Methods, 22*, 240-261.
10. **Depaoli, S.**, Rus, H.,[†] Clifton, J.,[†] van de Schoot, R., & Tiemensma, J. (2017). An introduction to Bayesian statistics in health psychology. *Health Psychology Review, 11*, 248-264.
 - Commentary published about this paper: Beard, E., & West, R. (2017). Using Bayesian statistics in health psychology: A comment on Depaoli et al. (2017). *Health Psychology Review, 11*, 298-301.
11. van de Schoot, R., Winter, S.,[†] Zondervan-Zwijnenburg, M.,[†] Ryan, O.,[†] & **Depaoli, S.** (2017). A systematic review of Bayesian papers in psychology: The last 25 years. *Psychological Methods, 22*, 217-239.
12. van de Schoot, R., Sijbrandij, M., Winter, S.,[†] **Depaoli, S.**, & Vermunt, J. (2017). The GRoLTS-checklist: Guidelines for reporting on latent trajectory studies. *Structural Equation Modeling: A Multidisciplinary Journal, 24*, 451-467.
13. **Depaoli, S.**, Yang, Y.,[†] & Felt, J.[†] (2017). Using Bayesian statistics to model uncertainty in mixture models: A sensitivity analysis of priors. *Structural Equation Modeling: A Multidisciplinary Journal, 24*, 198-215.
14. Epperson, A.,[†] **Depaoli, S.**, Song, A. V., Wallander, J. L., Elliott, M., Cuccaro, P., Tortolero, S., & Schuster, M. (2017). Perceived physical appearance: Assessing measurement equivalence in Black, Latino, and White Adolescents. *Journal of Pediatric Psychology, 42*, 142-152.
15. **Depaoli, S.**, Clifton, J. P.,[†] & Cobb, P. R.[†] (2016). Just Another Gibbs Sampler (JAGS): Flexible software for MCMC implementation. *Journal of Educational and Behavioral Statistics, 41*, 628-649.
16. Tiemensma, J., **Depaoli, S.**, & Felt, J.[†] (2016). Using subscales when scoring the Cushing's Quality of Life Questionnaire. *European Journal of Endocrinology, 174*, 33-40.
17. Felt, J.,[†] **Depaoli, S.**, Pereira, A. M., Biermasz, N. R., & Tiemensma, J. (2015). Total score or subscales in scoring the Acromegaly Quality of Life Questionnaire: Using novel confirmatory methods to compare scoring options. *European Journal of Endocrinology, 173*, 37-42.
18. **Depaoli, S.**, & Clifton, J.[†] (2015). A Bayesian approach to multilevel structural equation modeling with continuous and dichotomous outcomes. *Structural Equation Modeling: A Multidisciplinary Journal, 22*, 327-351.

19. Moore, T. M., Reise, S. P., **Depaoli, S.**, & Haviland, M. G. (2015). Iteration of partially specified target matrices: Applications in exploratory and Bayesian confirmatory factor analysis. *Multivariate Behavioral Research*, *50*, 149-161.
20. Scott, S.[†], Wallander, J., **Depaoli, S.**, Grunbaum, J., Tortolero, S. R., Cuccaro, P. M., Elliott, M. N., & Schuster, M. A. (2015). Gender role orientation is associated with health-related quality of life differently among African American, Hispanic, and White youth. *Quality of Life Research*, *24*, 2139-2149.
21. **Depaoli, S.**, van de Schoot, R., van Loey, N., & Sijbrandij, M. (2015). Using Bayesian statistics for modeling PTSD through latent growth mixture modeling: Implementation and discussion. *European Journal of Psychotraumatology*, *6*, 27516.
22. Ortiz, R. M., Rodriguez, R.,[†] **Depaoli, S.**, & Weffer, S. E. (2014). Increased physical activity reduces the odds of developing elevated systolic blood pressure independent of body mass category or ethnicity in rural adolescents. *Journal of Hypertension: Open Access*, *3*, 1-8.
23. van de Schoot, R., & **Depaoli, S.** (2014). Bayesian analyses: Where to start and what to report. *European Health Psychologist*, *16*, 75-84.
24. **Depaoli, S.** (2014). The impact of inaccurate “informative” priors for growth parameters in Bayesian growth mixture modeling. *Structural Equation Modeling: A Multidisciplinary Journal*, *21*, 239-252.
25. **Depaoli, S.**, & Boyajian, J.[†] (2014). Linear and nonlinear growth models: Describing a new Bayesian perspective. *Journal of Consulting and Clinical Psychology*, *82*, 784-802.
26. **Depaoli, S.** (2013). Mixture class recovery in GMM under varying degrees of class separation: Frequentist versus Bayesian estimation. *Psychological Methods*, *18*, 186-219.
27. Kaplan, D., & **Depaoli, S.** (2013). Bayesian statistical methods. In Little, T. (Eds.), *Handbook for quantitative methods* (pp. 406-436). Oxford University Press.
28. **Depaoli, S.** (2012). The ability for posterior predictive checking to identify model mis-specification in Bayesian growth mixture modeling. *Structural Equation Modeling: A Multidisciplinary Journal*, *19*, 534-560.
29. Kaplan, D., & **Depaoli, S.** (2012). Bayesian structural equation modeling. In Hoyle, R. (Eds.), *Handbook of structural equation modeling* (pp. 650-673). Guilford Press.

30. **Depaoli, S.** (2012). Measurement and structural model class separation in mixture-CFA: ML/EM versus MCMC. *Structural Equation Modeling: A Multidisciplinary Journal*, 19, 178-203.
31. Kaplan, D., & **Depaoli, S.** (2011). Two studies of specification error in models for categorical latent variables. *Structural Equation Modeling: A Multidisciplinary Journal*, 18, 397-418.
32. **Depaoli, S.** (2010). Measurement and structural model class separation in mixture-CFA [abstract]. *Multivariate and Behavioral Research*, 45, 1023.
33. **Depaoli, S.**, & Meyers, L. S. (2007). A path model using esteem to predict health attitudes and exercise frequency. *Contemporary Issues in Education Research*, 1, 41-52.

REFEREED
CONFERENCE
ABSTRACTS

† denotes a student or post-doc collaborator

1. Felt, J.,† **Depaoli, S.**, Andela, C., Pereira, A., Biermasz, N., Kaptein, A. A., & Tiemensma, J. (2016). Using the Common Sense Model of illness representations to better understand the impaired quality of life of patients treated for neuroendocrine diseases. *Endocrine Reviews*, 37, SAT-502. [refereed conference abstract]
2. Felt, J.,† **Depaoli, S.**, Pereira, A. M., Biermasz, N. R., & Tiemensma, J. (2015). Using novel confirmatory statistical methods to compare scoring options of the Acromegaly Quality of Life (AcroQoL) Questionnaire. *Endocrinology Review*, PP09-3. [refereed conference abstract]
3. Clifton, J.,† **Depaoli, S.**, & Lai, K. (2015). Skewed within-class mixture distributions in latent growth mixture modeling: An assessment of specification errors and class enumeration. *International Meeting of the Psychometric Society*, p8. [refereed conference abstract]
4. Lai, K., Yang, Y.,† & **Depaoli, S.** (2015). Bayesian model averaging for near-equivalent path models. *International Meeting of the Psychometric Society*, p19. [refereed conference abstract]
5. Yang, Y.,† & **Depaoli, S.** (2015). Autoregressive latent growth modeling: A Bayesian approach. *International Meeting of the Psychometric Society*, p38. [refereed conference abstract]

PAPERS UNDER
REVIEW, OR
REVISE &
RESUBMIT

† denotes a student or post-doc collaborator

1. **Depaoli, S.**, Winter, S. D.,†, Lai, K., & Guerra-Peña, K. (*under review, revise and resubmit decision*). Implementing continuous non-normal

skewed distributions in latent growth mixture modeling: An assessment of specification errors and class enumeration.

2. Epperson, A.,[†] Wallander, J., Song, A. V., **Depaoli, S.**, Peskin, M. F., Elliot, M. N., & Schuster, M. A. (*under review*). Gender and racial/ethnic differences in adolescent intentions and willingness to smoke cigarettes: Evaluation of a structural equation model.
3. Zondervan-Zwijnenburg, M. A. J.,[†] **Depaoli, S.**, Peeters, M., & van de Schoot, R. (*under review, revise and resubmit decision*). Pushing the limits: The performance of ML and Bayesian estimation with small and unbalanced samples in a latent growth model.
4. Zweers, I.,[†] van de Schoot, R., Tick, N. T., **Depaoli, S.**, Clifton, J. P.,[†] Orobio de Castro, B., & Bijstra, J.O. (*under review*). Similar development in separate educational contexts? Development of social relationships and self-esteem in students with social-emotional and behavioral difficulties in inclusive classrooms and exclusive schools for special education.

PAPERS UNDER
REVISION—
PREVIOUSLY
REJECTED

[†] denotes a student or post-doc collaborator

1. Clifton, J. P.,[†] & **Depaoli, S.** (*under revision*). Implementing multilevel structural equation models through Bayesian and frequentist estimation.
2. Clifton, J.,[†] **Depaoli, S.**, & Song, A. (*under revision*). Are all former smokers alike?: A latent class analysis.
3. Guerra-Peña, K., Garcia-Batista, Z. E., **Depaoli, S.**, & Steiney, D. (*under revision*). Class enumeration false positive in skew-t family of continuous growth mixture models.
4. Scott, S.,[†] Wallander, J., **Depaoli, S.**, Tortolero, S., & Schuster, M. (*under revision*). Resilience against depression over time in diverse youth: A multigroup growth curve modeling approach.
5. Yang, Y.,[†], **Depaoli, S.**, & Lai, K. (*under revision*). Bayesian model averaging as an alternative to model selection for multilevel models.

PAPERS—TO BE

SUBMITTED SOON [†] denotes a student or post-doc collaborator

1. Castenada, R., **Depaoli, S.**, & Tiemensma, J. (*in preparation*). An online tool to improve patient care: Assessing and interpreting scores for the Cushings quality of life (CushingQoL) questionnaire.
2. Cobb, P. R.,[†] & **Depaoli, S.** (*in preparation*). An exploration into handling under-dispersed data in regression with count outcomes.

3. Cobb, P. R.,[†] **Depaoli, S.**, & Shadish, W. R. (*in preparation*). Single case designs have a lot of trend: A secondary analysis using generalized additive models.
4. **Depaoli, S.**, Agtarap, S.,[†] Choi, A.,[†] Coburn, K.,[†] & Yu, J.[†] (*in preparation, invited paper*). Translating quantitative methodology within psychological research.
5. **Depaoli, S.**, & Winter, S. D.[†] (*in preparation*). Specification and impact of priors for categorical latent variable models.
6. **Depaoli, S.**, & Yang, Y.[†] (*in preparation*). Confirmatory methods for handling autoregression in growth models using informative Bayesian priors.
7. Felt, J.,[†] **Depaoli, S.**, Biermasz, N. R., Andela, C. D., Pereira, A. M., Romijn, J. A., Kaptein, A. A., & Tiemensma, J. (*in preparation*). Understanding the impaired quality of life of patients treated for neuroendocrine diseases: The Common Sense Model in action.
8. Felt, J.,[†] **Depaoli, S.**, & Tiemensma, J. (*in preparation*). Development of a control group for the TSST that does not affect cardiovascular reactivity.
9. Felt, J.,[†] **Depaoli, S.**, & Tiemensma, J. (*in preparation*). Development of stress and how we see the world: Stress affects levels of mental abstraction through changes in mood.
10. Hansford, T. G., & **Depaoli, S.** (*in preparation*). Estimating the location of the states in legal policy space.
11. Hansford, T. G., & **Depaoli, S.** (*in preparation*). Estimating the ideal points of organized interests in legal policy space.
12. Hansford, T. G., **Depaoli, S.**, & Canelo, K.[†] (*in preparation*). State advocacy and representation at the U.S. Supreme Court.
13. van de Schoot, R., **Depaoli, S.**, & Winter, S. D.,[†] (*in preparation, invited chapter*). A tutorial on using the WAMBS-checklist to avoid the misuse of priors in Bayesian models.
14. Winter, S. D.,[†] & **Depaoli, S.** (*in preparation*). Bayesian approximate measurement invariance for second-order latent growth models: Assessing continuous and dichotomous indicators.

WORKING
PAPERS

† denotes a student or post-doc collaborator

1. Arroyo, A. C.,† Winter, S. D.,† Tiemensma, J., & **Depaoli, S.** (*in preparation*). The association between academic stress and academic performance in first-year college students at a Hispanic-serving institution.
2. Clifton, J.,† & **Depaoli, S.** (*in preparation*). An investigation of prior distribution accuracy and robustness in SEM.
3. Clifton, J.,† & **Depaoli, S.** (*in preparation*). An assessment of multivariate priors for factor precision matrices in SEM.
4. **Depaoli, S.** (*in preparation*). The effect of data-driven priors on parameter estimate bias for continuous growth models.
5. **Depaoli, S.** (*in preparation*). Identification of specification errors in Bayesian latent class analysis.
6. **Depaoli, S.** (*in preparation*). Accounting for latent class separation in Bayesian growth mixture modeling: Examination of a “difference” prior.
7. **Depaoli, S.**, Felt, J.† & Tiemensma, J. (*in preparation*). Establishing measurement invariance of the Cushing’s Quality of Life Questionnaire.
8. Winter, S. D.,† Arroyo, A. C.,† **Depaoli, S.**, & Tiemensma, J. (*in preparation*). Longitudinal measurement invariance of the Lakaev Academic Stress Response Scale in first-year college students at a Hispanic-serving institution.

GRANTS

Grants Pending or Funded [Total Amount of \$2,425,853]:

– Submitted (revised proposal)

- * Source: NIH
- * Amount: \$37,899
- * Dates: 6/2018-5/2020
- * Title: Entrainment of the Infant Circadian Clock with Human Milk: A Chrononutritional Intervention to Enhance Growth and Recovery in the Neonatal Intensive Care Unit
- * Role: Consultant
- * PI: Jennifer Hahn-Holbrook

– Funded

- * Source: Internal UC Merced Grant (Academic Senate Committee on Research)
- * Amount: \$5,000

- * Dates: 7/2018-6/2019
- * Title: How Alike are my Groups? Using Class Separation as a Post-hoc Measure of Model Assessment
- * PI: Sarah Depaoli

- Funded
 - * Source: National Research Fund in the Dominican Republic, FONDOCyT
 - * Amount: \$144,000
 - * Dates: 5/2018-6/2019
 - * Title: Non-Normal Growth Mixture Modeling through Frequentist and Bayesian Estimation Methods
 - * Role: International Advisor
 - * PI: Kiero Guerra-Peña

- Funded
 - * Source: Almond Board of California
 - * Amount: \$400,544
 - * Dates: 7/2016-12/2018
 - * Title: Effects of Almond Snacking on Cardiovascular, Metabolomic, and Microbiome Profiles in Adolescents: Implications on systemic glucoregulatory mechanisms
 - * Role: Collaborator
 - * PI: Rudy Ortiz

- Funded
 - * Source: NIH: Support of Competitive Research (SCORE) Research Advancement Award (SC1)
 - * Amount: \$1,530,000
 - * Dates: 7/2014-12/2018
 - * Title: Emotion-Regulation, Inflammatory Processes, and Depression in Prostate Cancer Survivors
 - * Role: Collaborator
 - * PI: Michael Hoyt

- Funded
 - * Source: UC Merced Psychological Sciences Seed Grant Funding
 - * Amount: \$4,000
 - * Dates: 7/2014-6/2015
 - * Title: Capturing Nonlinear Growth among Unobserved Groups: Extending Generalized Additive Models into the Finite Mixture Modeling Framework

- * Role: Principal Investigator

- Funded

- * Source: NSF: Division of Social and Economic Sciences
- * Amount: \$275,000
- * Dates: 7/2014-6/2017 (no cost extension: Feb 2018)
- * Title: Estimating the Location of Interests, Governments, and Justices in Legal Policy Space
- * Role: Co-Principal Investigator
- * PI: Thomas Hansford

- Funded

- * Source: Hellman Family Fund
- * Amount: \$20,000
- * Dates: 7/2013-6/2014
- * Title: Can We Observe the Unobservable? Establishing Necessity, Standards, and Best Practice for Defining Unobserved Groups
- * Role: Principal Investigator

- Funded

- * Source: Graduate and Research Council, University of California, Merced
- * Amount: \$9,420
- * Dates: 7/2013-6/2014
- * Title: The Development of an Online Intervention Aimed for Reducing Emotion Suppression in Women with Breast Cancer
- * Role: Principal Investigator
- * 2nd PI: Jitske Tiemensma

Grants Submitted but Not Funded:

- Not Funded

- * Source: NIH (R15)
- * Amount: \$443,550
- * Dates: 7/2018-6/2021
- * Title: Clarifying the Impact of Socioeconomic Status on Early Psychological Reasoning
- * Role: Co-PI
- * PI: Rose Scott

– Not Funded

- * Source: National Institute of Child Health and Human Development
- * Amount: \$397,133
- * Dates: 9/2017-08/2019
- * Title: Unraveling the Facebook Effect: Using an Acute Social Stress Paradigm to Explore if Facebook is an Appropriate Platform to Deliver Health Interventions
- * Role: Consultant
- * PI: Jitske Tiemensma

– Not Funded

- * Source: National Institutes of Health (R21)
- * Amount: \$275,000
- * Dates: 9/2016-08/2018
- * Title: Unraveling the Facebook Effect: Using an Acute Social Stress Paradigm to Explore if Facebook is an Appropriate Platform to Deliver Health Interventions
- * Role: Co-Investigator
- * PI: Jitske Tiemensma

– Not Funded

- * Source: National Institutes of Health (R18)
- * Amount: \$400,000
- * Dates: 1/2015-12/2017
- * Title: Variations in Patient-Centered Care through a Medical Interpreter
- * Role: Consultant
- * PI: Stergios Roussos

– Not Funded

- * Source: National Institutes of Health
- * Amount: \$976,241
- * Dates: June 2014
- * Title: The Development of Infant Differential Behavioral Responding to Discrete Emotions
- * Role: Consultant
- * PI: Joseph Campos

- Not Funded
 - * Source: Institute of Educational Sciences (Early Career Opportunity), US Department of Education
 - * Amount: \$197,368
 - * Dates: 7/2014-12/2015
 - * Title: Improving Inferences from Educational Interventions through Bayesian Estimation of the Meta-Analytic Variance Component
 - * Role: Principal Investigator

- Not Funded
 - * Source: Cancer Research Coordinating Committee
 - * Amount: \$55,000
 - * Dates: 2014-2015
 - * Title: Statistically Modeling the Impact of an Online Intervention Aimed to Reduce Emotion Suppression in Women with Breast Cancer
 - * Role: Principal-Investigator

- Not Funded
 - * Source: Graduate and Research Council, University of California, Merced
 - * Amount: \$10,000
 - * Dates: 7/2014-6/2015
 - * Title: The Pilot-Testing of an Online Intervention Aimed to Reduce Emotion Suppression in Women with Breast Cancer
 - * Role: Principal Investigator
 - * 2nd PI: Jitske Tiemensma

- Not Funded
 - * Source: National Institutes of Health R01
 - * Amount: \$1,173,961
 - * Dates: 1/2014-12/2016
 - * Title: Variations in Patient-Centered Care through a Medical Interpreter
 - * Role: Consultant
 - * PI: Stergios Roussos

- Not Funded
 - * Source: Patient Centered Outcomes Research Institute
 - * Amount: \$1,173,896

- * Dates: 7/2014-6/2017
 - * Title: Variations in Patient-Centered Care through a Medical Interpreter
 - * Role: Consultant
 - * PI: Stergios Roussos
- Not Funded
- * Source: Cancer Research Coordinating Committee
 - * Amount: \$55,000
 - * Dates: 2013-2014
 - * Title: Statistically Modeling the Impact of an Online Intervention Aimed to Reduce Emotion Suppression in Women with Breast Cancer
 - * Role: Principal-Investigator
- Not Funded
- * Source: National Institute of Health
 - * Amount: \$976,241
 - * Dates: 2013
 - * Title: The Development of Infant Differential Behavioral Responding to Discrete Emotions
 - * Role: Consultant
 - * PI: Joseph Campos
- Not Funded
- * Source: Graduate and Research Council, University of California, Merced
 - * Amount: \$5,000
 - * Dates: 7/2012-6/2013
 - * Title: The Specification and Impact of Prior Distributions for Categorical Latent Variable Models
 - * Role: Principal Investigator
- Not Funded
- * Source: National Institute of Food and Agriculture(Opportunity Number: USDA NIFA AFRI 003742)
 - * Amount: \$4,999,724
 - * Dates: 2013-2018
 - * Title: Targeting Fast Food Consumption and Using Smart Phone Technologies to Prevent Adolescent Obesity through Research, Education, and Extensions in a Predominately Hispanic Community in Rural California.

- * Role: Collaborator
- * PI: Rudy Ortiz

EDITORIAL
CONTRIBUTIONS

-Guest Editor:

- *Translational Issues in Psychological Science*, Special Issue on Quantitative Methods, June 2017-December 2018

-Associate Editor:

- *Multivariate Behavioral Research*, 2017-present

-Consulting Editor:

- *Psychological Methods*, 2013-present

-Editorial Advisory Board Member:

- Society of Multivariate Experimental Psychology, 2018-present
- *Health Psychology Review* (Research Methods and Statistical Analysis section), Jan 2018-present
- *Advances in Methods and Practices in Psychological Science*, 2017-present

REVIEW
EXPERIENCE

-Ad Hoc Reviewer for:

<i>American Psychologist</i>	<i>Journal of Personality Assessment</i>
<i>Behavior Research Methods</i>	<i>Journal of the Royal Statistical Society</i>
<i>Child Development Perspectives</i>	<i>J. of Statistical Theory and Practice</i>
<i>Computational Statistics</i>	<i>Learning and Individual Differences</i>
<i>Evaluation Review</i>	<i>Methodology</i>
<i>Int. Journal of Systems Science</i>	<i>Multivariate Behavioral Research</i>
<i>International Journal of Testing</i>	<i>Psychological Methods</i>
<i>Journal of Behavioral Medicine</i>	<i>Psychometrika</i>
<i>Journal of Counseling Psychology</i>	<i>Statistics in Medicine</i>
<i>Journal of Experimental Education</i>	<i>Structural Equation Modeling</i>
<i>Journal of Multivariate Analysis</i>	

-VENI grant reviewer for Dutch government

-Reviewer for American Psychological Association, Div 5 conference

-Reviewer for American Educational Research Association, Div D conf.

-Reviewer for Society of Multivariate Experimental Psychology student proposals (2011)

What Works Clearinghouse, 2008-2011

- I was a trained reviewer for the Institution of Education Sciences funded What Works Clearinghouse project, managed by Mathematica Policy Research Inc. The review process involved determining evidence-based, statistical, and design standards in research articles and dissertations involving intervention programs. The reviews were then compiled into intervention reports and practice guides conveying a final assessment of various educational intervention programs.

INVITED

PRESENTATIONS * denotes presenter, † denotes student or post-doc collaborator

1. **Depaoli, S.*** (2018, May). *An Introduction to Implementing Bayesian Methods for Estimating Latent Variable Models*. Presentation at the annual meeting for the Association for Psychological Science. [Note: Invited Conference Workshop for Statistical Series of APS]
2. **Depaoli, S.*** (2018, March). *Latent Growth (Mixture) Modeling with Small Samples*. Workshop at the Small Sample Size Solutions conference, Utrecht, The Netherlands. [Note: Invited Conference Workshop]
3. **Depaoli, S.*** (2016, November). *Bayesian Statistics in Health Psychology*. E-course given through the European Health Psychology Society. [Note: Invited Talk]
4. **Depaoli, S.*** (2015, March). *Using Bayesian Statistics for Modeling PTSD through Latent Growth Mixture Modeling: Implementation and Discussion*. Utrecht University Symposium: Estimation PTSD Trajectories, Utrecht, The Netherlands. [Note: Invited Talk]
5. **Depaoli, S.*** (2015, March). *Discussant-Bayesian Statistics in Psychology: Prevalence, Implementation, and the Impact of Priors in the Applied Literature*. International Convention of Psychological Science, Amsterdam, The Netherlands. [Note: Invited Discussant for Symposium]
6. van de Schoot, R.,* & **Depaoli, S.** (2014, July). *Priors: When to Worry and How to Avoid the Misuse of Bayesian Statistics*. 6th meeting of the Dutch Mplus Users Group, Utrecht, The Netherlands. [Note: Invited Talk]
7. **Depaoli, S.*** (2014, July). *Selecting Priors for Bayesian Growth Mixture Modeling*. 6th meeting of the Dutch Mplus Users Group, Utrecht, The Netherlands. [Note: Invited Talk]
8. **Depaoli, S.*** (2011, August). *Specification Issues in Bayesian Growth Mixture Modeling*. Talk presented at the annual meeting of the American Psychological Association, Washington DC. [Note: Invited Talk]

PRESENTATIONS
OF RESEARCH

* denotes presenter, † denotes student or post-doc collaborator

1. Winter, S.*†, & **Depaoli, S.** (2018, May). *Measurement Invariance for Second-Order Latent Growth Models: Frequentist and Bayesian Approaches*. Poster presentation at the annual meeting for the Association for Psychological Science.
2. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2018, May). *Pilot Test of a Nonstress Equivalent Control Group to the Trier Social Stress Test*. Poster presented at the Association of Psychological Science's Annual Conference.
3. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2018, May). *The Common-Sense Model as a Process: Explaining Impaired Quality of Life in Patients Treated for Pituitary Diseases*. Poster presented at the Association of Psychological Science's Annual Conference.
4. Yang, Y.,*† & **Depaoli, S.** (2018, May). *Class Separation for Latent Growth Mixture Modeling via Dirichlet Process*. Poster presented at the Modern Modeling Methods Conference, Storrs, CT.
5. Smid, S.C.,* **Depaoli, S.**, McNeish, D., Miocevic, M., & Van de Schoot, A.G.J. (2018, March). *Bayesian SEM with Informative Priors: Precautions and Guidelines*. Paper presented at the Presentation at the Small Sample Size Solutions conference, Utrecht, The Netherlands.
 - Voted best presentation at conference.
6. Tiemensma, J., **Depaoli, S.**, Winter, S. D.,† Felt, J. M.,† Rus, H.,† & Arroyo, A.*† (2017, November). *The Performance of the IES-R for Latinos and non-Latinos: Assessing Measurement Invariance*. Poster presented at the International Society for Traumatic Stress Studies, Chicago, IL.
7. **Depaoli, S.*** (2017, October). *The Impact of Priors for Multilevel Structural Equation Models: Simulation and Application Illustrating Points of Concern*. Paper presentation at the annual meeting for the Society of Multivariate Experimental Psychology, Minneapolis, MN.
8. Hansford, T. G.,* **Depaoli, S.**, & Canelo, K.† (2017, August). *The Location of U.S. Solicitors General in the Supreme Court's Policy Space*. Paper presentation at the annual meeting of the American Political Science Association, San Francisco, CA.
9. Yang, Y.,*† & **Depaoli, S.** (2017, May). *Deciding on the Number of Classes in Latent Class Analysis using Bayesian Non-Parametric Methods*. Poster presentation at the annual meeting of the Modern Modeling Methods conference, Storrs, CT.

10. Hansford, T. G.,* **Depaoli, S.**, & Canelo, K.† (2017, April). *State Advocacy and Representation at the U.S. Supreme Court*. Paper presentation at the annual meeting of the Midwest Political Science Association, Chicago, IL.
11. **Depaoli, S.**, Tiemensma, J., & Felt, J.*† (2017, March). *Development and Assessment of Health Surveys: Fitting a Graded Response Model*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
12. Felt, J. M.,*† Castaneda, R.,† Tiemensma, J., & **Depaoli, S.** (2017, March). *Identifying “Atypical” Responses in the CushingQoL Questionnaire: Using Person Fit Statistics to Detect Outliers*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
13. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2017, March). *Latent Growth Curve Models for Biomarkers of the Stress Response*. Poster presentation at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
14. Winter, S.*†, & **Depaoli, S.** (2017, March). *Bayesian Approximate Measurement Invariance as a Viable Alternative for Frequentist Methods*. Poster presentation at the annual Research Week, University of California, Merced.
15. **Depaoli, S.**, Rus, H.,† Clifton, J.,† Ramondt, S.,† van de Schoot, R., & Tiemensma, J. (2017, March). *Bayesian Statistics for Health-Based Research in Psychology: An Illustration of Prior Sensitivity Analysis using a Latent Growth Model*. Poster presentation at the bi-annual meeting of the International Convention of Psychological Sciences, Vienna, Austria.
16. Tiemensma, J., **Depaoli, S.**, & Felt, J.† (2017, March). *Latent Growth Curve Models for Biomarkers of the Stress Response*. Poster presentation at the bi-annual meeting of the International Convention of Psychological Sciences, Vienna, Austria.
17. Clifton, J.,*† & **Depaoli, S.** (2016, July). *An Assessment of Multivariate Priors for Factor Precision Matrices in SEM*. Poster presentation at the annual meeting of the Psychometric Society, Asheville, NC.
18. Yang, Y.,*† & **Depaoli, S.** (2016, July). *Bayesian Model Averaging for Multilevel Models*. Poster presentation at the annual meeting of the Psychometric Society, Asheville, NC.
19. Hansford, T,* & **Depaoli, S.** (2016, June). *Estimating the Ideal Points of Organized Interests in Legal Policy Space*. Paper presented at the Law and Society Association Annual Meeting, New Orleans, LA.

20. Clifton, J. P.,^{*†} & **Depaoli, S.** (2016, May). *Specification and Impact of Priors for Categorical Latent Variable Models*. Paper presented at the Modern Modeling Methods Conference, Storrs, CT.
21. Yang, Y.,^{*†} & **Depaoli, S.** (2016, May). *Bayesian Model Averaging for Multilevel Models*. Poster presented at the Modern Modeling Methods Conference, Storrs, CT.
22. Cobb, P.,^{*†} **Depaoli, S.**, & Shadish, W. R., (2016, May). *An Exploration into Handling Underdispersed Data in Regression with Count Outcomes*. Poster presented at the Modern Modeling Methods Conference, Storrs, CT.
23. Felt, J.,^{*†} **Depaoli, S.**, & Tiemensma, J. (2016, April). *Using the Common Sense Model to Better Understand the Impaired Quality of Life of Patients Treated for Neuroendocrine Diseases*. Paper presented at the Endocrine Society's Annual Conference (ENDO2016), Boston, MA.
24. **Depaoli, S.**,^{*} Rus, H.,[†] Clifton, J.,[†] van de Schoot, R., & Tiemensma, J. (2016, April). *Bayesian Statistics in Health Psychology: A Discussion of Relevance, Implementation, and Future Directions*. Poster presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
25. **Depaoli, S.**,^{*} Clifton, J. P.,[†] & Lai, K. (2016, April). *Skewed and Heavy-Tailed Mixture Distributions in Latent GMM: An Assessment of Class Enumeration*. Poster presentation at the annual meeting of the American Educational Research Association, Washington, DC.
26. Felt, J.,^{*†} **Depaoli, S.**, & Tiemensma, J. (2016, March). *Using Subscales when Scoring the Cushings Quality of Life (CushingQoL) Questionnaire*. Poster presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
27. Clifton, J. P.,^{*†} & **Depaoli, S.** (2015, August). *Skewed and Heavy-Tailed Mixture Distributions in Latent GMM: An Assessment of Class Enumeration*. Poster presentation at the annual meeting of the American Psychological Association, Toronto, Canada.
28. Yang, Y.,^{*†} & **Depaoli, S.** (2015, August). *Autoregressive Latent Growth Modeling: A Bayesian Approach*. Poster presentation at the 168th Annual meeting of the American Psychological Association, Toronto, Canada.
29. Clifton, J. P.,[†] **Depaoli, S.**, & Lai, K.^{*} (2015, July). *Skewed Within-Class Mixture Distributions in Latent Growth Mixture Modeling: An Assessment of Specification Errors and Class Enumeration*. Poster presentation at the annual meeting of the Psychometric Society, Beijing, China.

30. Yang, Y.,*[†] & **Depaoli, S.** (2015, July). *Autoregressive Latent Growth Modeling: A Bayesian Approach*. Poster presentation at the 80th Annual Meeting of the Psychometric Society, Beijing, China.
31. Yang, Y.,*[†] **Depaoli, S.**, & Lai, K. (2015, July). *Model Selection for Near Equivalent Path Models via Bayesian Model Averaging*. Poster presentation at the 80th Annual Meeting of the Psychometric Society, Beijing, China.
32. Clifton, J. P.,*[†] & **Depaoli, S.** (2015, May). *A Guide to the Application of Multilevel Structural Equation Modeling: Bayesian and Frequentist Implementations*. Paper presentation at the annual Modern Modeling Methods Conference, Storrs, CT.
33. Yang, Y.*[†] & **Depaoli, S.** (2015, May). *Autoregressive Latent Growth Modeling: A Bayesian Approach*. Poster presentation at the Modern Modeling Methods Conference, Storrs, CT.
34. Felt, J.,*[†] **Depaoli, S.**, Pereira, A., Biermasz, N., & Tiemensma, J. (2015, March). *Using Novel Confirmatory Statistical Methods to Compare Scoring Options of the Acromegaly Quality of Life (AcroQoL) Questionnaire*. Paper presented at the annual Psychological Sciences research symposium, Merced, CA.
35. Clifton, J. P.,*[†] & **Depaoli, S.** (2015, March). *A Primer on the Implementation of Bayesian Multilevel Structural Equation Modeling*. Paper presented at the annual Psychological Sciences research symposium, Merced, CA.
36. Yang, Y.,*[†] & **Depaoli, S.** (2015, March). *Bayesian Growth Curve and Growth Mixture Modeling: Simulation and Application*. Poster presentation at UC Merced's Psychology Symposium, Merced, CA.
37. Clifton, J.,*[†] & **Depaoli, S.** (2015, March). *The Impact of Prior Distributions in Multilevel Structural Equation Modeling*. International Convention of Psychological Science, Amsterdam, The Netherlands. [Note: Part of a symposium I organized]
38. **Depaoli, S.**,* & van de Schoot, R. (2015, March). *When to Worry and how to Avoid the Misuse of Bayesian Statistics: Introducing a Checklist for Applied Researchers*. International Convention of Psychological Science, Amsterdam, The Netherlands. [Note: Part of a symposium I organized]
39. van de Schoot, R.,* & **Depaoli, S.** (2015, March). *A Systematic Review of Empirical Applications in Psychology using Bayesian Statistics*. International Convention of Psychological Science, Amsterdam, The Netherlands. [Note: Part of a symposium I organized]

40. **Depaoli, S.**,* van de Schoot, R., van Loey, N., & Sigbrandij, M. (2015, March). *Theory Guided LGMM using Subjective Bayesian Statistics: The Case of the Small Delayed Onset Trajectory*. International Convention of Psychological Science, Amsterdam, The Netherlands.
41. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2015, March). *Examining the Psychometric Properties of the Acromegaly Quality of Life Scale*. International Convention of Psychological Science, Amsterdam, The Netherlands.
42. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2015, March). *Poster—Using Novel Confirmatory Statistical Methods to Compare Scoring Options of the Acromegaly Quality of Life (AcroQoL) Questionnaire*. ENDO Conference, San Diego, CA.
43. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2015, March). *Podium—Preview Session: Using Novel Confirmatory Statistical Methods to Compare Scoring Options of the Acromegaly Quality of Life (AcroQoL) Questionnaire*. ENDO Conference, San Diego, CA.
44. Wally, C. M.,*† & **Depaoli, S.** (2015, February). *Intrinsic Motivation Partially Mediates Self-Control and Exercise*. Poster presentation at the meeting of the Society for Personality and Social Psychology, Long Beach, CA.
45. Hansford, T. G.,* & **Depaoli, S.** (2014, August). *Estimating the Location of the States in Legal Policy Space*. American Political Science Association, Washington DC.
46. **Depaoli, S.*** (2014, August). *Bayesian Latent Growth Mixture Modeling with Small Sample Sizes*. American Psychological Association, Washington DC.
47. van de Schoot, R.,* **Depaoli, S.**, van Loey, N., & Sigbrandij, M. (2014, July). *Confirmatory Latent Growth Mixture Modelling: A Bayesian Approach*. VI European Congress of Methodology, Utrecht, The Netherlands.
48. **Depaoli, S.*** (2014, July). *Bayesian Latent Growth Mixture Modeling with Small Sample Sizes: A Comparison of Priors through Simulation*. European Association of Methodology, Utrecht, The Netherlands.
49. Clifton, J. P.,*† & **Depaoli, S.** (2014, July). *A Bayesian Approach to Multilevel Structural Equation Modeling with Continuous and Dichotomous Outcomes*. Poster presented at the biennial meeting of the European Association of Methodology, Utrecht, The Netherlands.
50. **Depaoli, S.*** (2014, May). *Using Generalized Additive Models to Assess Nonlinearities in Longitudinal Data*. American Psychological Sciences Convention, San Francisco, CA.

51. Scott, S.,^{*†} **Depaoli, S.**, & Wallander, J. (2014, April). *How do Anxiety and Physical Activity Levels Impact Depressed Mood across Adolescent Development?* Poster presented at the annual meeting of the Western Psychological Association, Portland, OR.
52. Sullivan, K. S.,^{*†} & **Depaoli, S.** (2014, April). *Capturing Nonlinearity in Growth Curve Models: A Monte Carlo Comparison of Generalized Additive and Generalized Linear Models.* Paper presentation at the annual meeting of the American Educational Research Association, Philadelphia, PA.
53. Clifton, J.,^{*†} & **Depaoli, S.** (2014, April). *A Bayesian Approach to Multilevel Structural Equation Modeling with Continuous and Dichotomous Outcomes.* Paper presentation at the annual meeting of the American Educational Research Association, Philadelphia, PA.
54. Boyajian, J. G.,^{*†} **Depaoli, S.**, & Shadish, W. R. (2014, April). *Bayesian Estimation of the Autocorrelation in Single Case Designs: A Multilevel Extension.* Paper presentation at the annual meeting of the American Educational Research Association, Philadelphia, PA.
55. Boyajian, J. G.,^{*†} & **Depaoli, S.** (2013, August). *Performance of Bayesian and Frequentist Logistic Growth Curve Models.* Paper presentation at the annual meeting of the American Psychological Association, Hawaii.
56. Boyajian, J. G.,^{*†} Shadish, W. R., & **Depaoli, S.** (2013, April). *Bayesian Estimation of Autocorrelation in Single Case Designs.* Paper presentation at the annual meeting of the American Educational Research Association, San Francisco, CA.
57. **Depaoli, S.**^{*} (2013, April). *Using Objective Data-Driven Priors to Estimate Bayesian Growth Models: A Monte Carlo Investigation and Example using ECLS-K.* Paper presentation at the annual meeting of the American Educational Research Association, San Francisco, CA.
58. Scott, S.,^{*†} Wallander, J., & **Depaoli, S.** (2013, March). *Gender Identification Is Associated with Health-Related Quality of Life Differently among White, African American, and Hispanic Youth.* Paper presentation at the annual meeting of the Society of Behavioral Medicine.
59. Clifton, J.,^{*†} Loewen, S.,^{*†} **Depaoli, S.**, & Song, A. V. (2013, March). *Characterizing Smoking Cessation Maintenance among Former Smokers: A Latent Class Analysis.* Paper presentation at the annual meeting of the Society of Behavioral Medicine.
60. Corona, R.,[†] Hoyt, M. A.^{*}, & **Depaoli, S.**, (2013, February). *Sleep Quality, Coping Processes, and Quality of Life in Men with Prostate Cancer.* American Psychology Oncology Society, Huntington Beach, CA.

61. **Depaoli, S.*** (2012, August). *The Effect of Data-Driven Priors on Parameter Estimate Bias for Continuous Growth Models*. Paper presented at the annual meeting of the American Psychological Association, Orlando, FL.
62. **Depaoli, S.*,** & Clifton, J.,[†] (2012, August). *Bayesian Specification of Latent Class Analysis and the Impact of Prior Distributions*. Paper presented at the annual meeting of the American Psychological Association, Orlando, FL.
63. **Depaoli, S.*** (2012, July). *The Effect of Data-Driven Priors on Parameter Estimate Bias for Continuous Growth Models*. Paper presentation presented at the annual International Meeting of the Psychometric Society, Lincoln, NE.
64. Clifton, J.,^{*†} & **Depaoli, S.** (2012, April). *The Impact of Prior Distributions on Categorical Latent Variable Models*. Poster presented at the annual meeting of the Western Psychological Association, San Francisco, CA.
65. **Depaoli, S.*** (2012, April). *The Ability for Posterior Predictive Checking to Identify Model Mis-specification in Bayesian Growth Mixture Modeling*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, BC.
66. Kaplan, D.,^{*} & **Depaoli, S.** (2011, April). *Bayesian Multilevel SEM for Predicting Student Achievement: An Application to PISA*. Paper presented at the annual meeting of the National Council on Measurement in Education, New Orleans, LA.
67. **Depaoli, S.*** (2011, April). *Measurement and Structural Model Class Separation in Mixture-CFA: ML/EM versus MCMC*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
68. **Depaoli, S.*** (2010, September). *Measurement and Structural Model Class Separation in Mixture-CFA: ML/EM versus MCMC*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Atlanta, GA.
69. Kaplan., D.,^{*} & **Depaoli, S.** (2010, July). *Bayesian Growth Mixture Model: Theory and Application*. Paper presentation presented at the annual International Meeting of the Psychometric Society, Athens, GA.
70. **Depaoli, S.*** (2010, July). *Bayesian Mixture-CFA: A Study of Mixture Class Recovery*. Poster presentation presented at the annual International Meeting of the Psychometric Society, Athens, GA.

71. Kaplan., D.,* & **Depaoli, S.** (2010, May). *Bayesian Growth Mixture Modeling: Theory and Application*. Paper presentation presented at the annual meeting of the Association for Psychological Science, Boston, MA.
72. **Depaoli, S.,*** & Kaplan, D. (2010, May). *Propagation of Specification Error within Markov Models*. Poster session presented at the annual meeting of the American Educational Research Association, Denver, CO.
73. **Depaoli, S.,*** & Kaplan, D. (2009, April). *Full and Partial Membership Latent Class Models Applied to ECLS-K Reading Data*. Poster session presented at the annual meeting of the American Educational Research Association, San Diego, CA.
74. Kaplan, D.,* & **Depaoli, S.** (2008, September). *Two Studies of Specification Error in Models for Categorical Latent Variables*. Presentation for the annual meeting of the Society of Multivariate Experimental Psychology, Montreal, Canada.
75. **Depaoli, S.,*** Gaffney, T., & Meyers, L. S. (2007, May). *A Comparison of Classical Test Theory and Item Response Theory*. Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, BC.
76. **Depaoli, S.,*** Kim-Ju, G., & Meyers, L. S. (2007, May). *Racial Differences for Cynicism Compared through SEM*. Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, BC.
77. **Depaoli, S.,*** & Meyers, L. S. (2007, May). *A Structural Model Assessing Intrinsic and Extrinsic Motivators of Exercising*. Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, BC.
78. **Depaoli, S.,*** & Meyers, L. S. (2007, May). *Full Information Factor Analysis of the MMPI-2 RC3 and RC9*. Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, BC.
79. Andrews, K. M.,* **Depaoli, S.,** & Meyers, L. S. (2007, May). *A Structural Model Assessing Attitudes toward Homosexuals*. Poster session presented at the annual meeting of the Western Psychological Association, Vancouver, BC.
80. **Depaoli, S.,*** & Meyers, L. S. (2006, April). *Validation of the MMPI-2 RC3 and RC9 Scales*. Poster session presented at the annual meeting of the Western Psychological Association, Palm Springs, CA.
81. Gorden, K.,* & **Depaoli, S.** (2005, April). *Academic Motivation and Engagement in Diverse Populations and Settings*. Symposium conducted at the Society for Research in Child Development Biennial Meeting, Atlanta, GA.

82. **Depaoli, S.,*** Salzano, E., & Meyers, L. S. (2004, April). *A Path Model using Esteem to Predict Health Attitudes and Exercise Frequency*. Poster session presented at the annual meeting of the Rocky Mountain Psychological Association, Reno, NV.

TEACHING
EXPERIENCE

UNIVERSITY OF CALIFORNIA, MERCED

Assistant/Associate Professor, various courses Fall 2011-present

- PSY 10: Analysis of Psychological Data, undergraduate-level Psychology statistics course
 - Terms: *Spring 2013, Fall 2013, Fall 2014, Spring 2017, Summer 2017, Spring 2018, Summer 2018*
- PSY 202a: Advanced Psychological Statistics I, graduate-level Psychology statistics course
 - Terms: *Fall 2011*
- PSY 202b: Advanced Psychological Statistics II, graduate-level Psychology statistics course
 - Terms: *Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2017, Spring 2018*
- PSY 207: Structural Equation Modeling, graduate-level Psychology statistics course
 - Terms: *Fall 2013, Fall 2015*
- PSY 209: Longitudinal Data Analysis and Bayesian Extensions, graduate-level Psychology statistics course
 - Terms: *Fall 2012, Fall 2014, Fall 2017*
- PSY 289: Psychological Sciences Colloquium Series, Organizer
 - Terms: *Fall 2012, Spring 2013*

UNIVERSITY OF WISCONSIN–MADISON

Graduate Teaching Assistant, various courses Fall 2007-Fall 2010

- EP 760: Statistical Methods Applied to Education I, graduate-level Educational Psychology statistics course
 - Terms: *Fall 2007, Summer 2008, Fall 2010*
- EP 761: Statistical Methods Applied to Education II, graduate-level Educational Psychology statistics course
 - Term: *Spring 2008*

CALIFORNIA STATE UNIVERSITY, SACRAMENTO

Graduate Teaching Assistant, various courses Fall 2004-Spring 2007

- PSY 202: Research Methods, graduate-level Psychology statistical methods course
 - Terms: *Spring 2005, Spring 2006, Spring 2007*
- PSY 205: Experimental Design III, graduate-level Psychology statistical methods course
 - Term: *Spring 2007*
- PSY 204: Experimental Design II, graduate-level Psychology statistical methods course
 - Term: *Fall 2006*
- Teaching Associate (Part-time Instructor) for PSY 102: Foundations of Behavioral Research II, undergraduate-level Psychology research and statistics course
 - Terms: *Fall 2004, Fall 2005, Fall 2006*
- PSY 203: Experimental Design I, graduate-level Psychology research and statistics course
 - Terms: *Fall 2005, Fall 2006*

RESEARCH
SUPERVISION
(UC MERCED)

DOCTORAL ADVISEES

- Boyajian, Jonathan (May 2013 - August 2014)
 - Switched programs
- Clifton, James (August 2011 - May 2018)
 - On leave from program
- Cobb, Patrice (January 2016 - present)
 - Expected graduation date: December 2018
- Felt, Johnny, Co-advisor Dr. Jitske Tiemensma (August 2013 - July 2018)
 - Received PhD, took postdoctoral fellow position at Penn State
- Schrooten, Inge (January 2016 - Spring 2017)
 - Co-advised student from Utrecht University, The Netherlands; Received PhD, took lecturer position at University of Twente
- Scott, Sarah, Co-advisor Dr. Jan Wallander (September 2013 - August 2015)

- Received PhD, took position in doctoral retraining program
- Smid, Sanne (August 2017 - present)
 - Student from Utrecht University, The Netherlands; co-advising dissertation work
- Winter, Sonja (August 2016 - present)
- Yang, Yuzhu (June) (August 2013 - present)
 - Expected graduation date: Summer 2018

DISSERTATION COMMITTEES

- Boyajian, Jonathan (*Chair*, September 2013 - August 2014)
- Castaneda, Ruben (January 2016 - May 2017)
- Clifton, James (*Chair*, December 2015 - May 2018)
- Cobb, Patrice (*Chair*, July 2017 - present)
- Coburn, Kathleen (January 2016 - present)
- Epperson, Anna (July 2015 - July 2016)
- Felt, Johnny (*Co-Chair*, June 2016 - July 2018)
- Schrooten, Inge (*Co-Chair*, January 2016 - Spring 2018)
 - Student from Utrecht University, The Netherlands
- Smid, Sanne (*Co-Chair*, August 2017 - present)
 - Student from Utrecht University, The Netherlands
- Scott, Sarah (*Co-Chair*, February 2014 - August 2015)
- Sullivan, Kristynn (July 2013 - May 2015)
- Wally, Christopher (September 2015 - December 2016)
- Yang, Yuzhu (June) (*Chair*, September 2017-present)
- Zelinsky, Nicole (March 2018 - present)

DOCTORAL CANDIDACY COMMITTEES

- Boyajian, Jonathan (*Chair*, May 2013 - September 2013)
- Castaneda, Ruben (October 2014 - August 2015)
- Clifton, James (*Chair*, April 2014 - December 2015)

- Cobb, Patrice (*Chair*, January 2016 - June 2017)
- Coburn, Kathleen (October 2014 - August 2015)
- Durazo, Arturo (April 2015 - December 2015)
- Epperson, Anna (May 2014 - July 2015)
- Felt, Johnny (*Co-Chair*, January 2016 - June 2016)
- Hamilton, Kyle (June 2018 - present)
- Scott, Sarah (*Co-Chair*, October 2013 - February 2014)
- Sullivan, Kristynn (September 2012 - July 2013)
- Turitz, Michelle (May 2017 - present)
- Wally, Christopher (May 2014 - September 2015)
- Yang, Yuzhu (June) (*Chair*, January 2016 - Summer 2017)
- Zelinsky, Nicole (August 2016 - May 2017)

MASTER'S COMMITTEES

- Feilner, Raymond (May 2016 - December 2017)
- Zhang, Xiaoguang (Eric) (April 2017 - May 2017)

FACULTY ADVISORY COMMITTEES

- Boyajian, Jonathan (*Chair*, September 2011 - August 2014)
- Bunce, John (September 2011 - May 2013)
- Carroll, Paul (September 2011 - November 2014)
- Castaneda, Ruben (September 2012 - August 2017)
- Clifton, James (*Chair*, August 2011- May 2018)
- Cobb, Patrice (*Chair*, September 2013 - present)
- Coburn, Kathleen (September 2012 - present)
- Corona, Roberto (September 2011 - May 2013)
- da Paz, Nikko (September 2011 - May 2013)
- Durazo, Arturo (September 2011 - present)
- Epperson, Anna (September 2011 - July 2016)
- Feilner, Raymond (April 2016 - December 2017)

- Felt, Johnny (*Co-Chair*, September 2013 - July 2018)
- Gray, Avia (April 2018 - present)
- Hamilton, Kyle (January 2016 - present)
- Pittman, Alyse (September 2012 - May 2013)
- Reuschel, Hope (April 2018 - present)
- Scott, Sarah (*Co-Chair*, September 2011 - August 2015)
- Simoes, Ana (April 2018 - present)
- Sullivan, Kristynn (September 2011 - May 2015)
- Turitz, Michelle (March 2016 - present)
- Vadnais, Marcus (May 2017 - May 2018)
- Wally, Christopher (September 2011 - December 2017)
- Winter, Sonja (*Chair*, August 2016 - present)
- Xu, Shuangshuang (Reni) (January 2017 - May 2017)
- Yang, Yuzhu (June) (*Chair*, September 2013 - present)
- Zelinsky, Nicole (September 2013 - present)
- Zhang, Xiaoguang (Eric) (April 2016 - May 2017)

UNDERGRADUATE SUPERVISION

- Hamilton, Kyle (June 2014 - August 2015)

VISITING PhD STUDENTS

- Schrooten, Inge (January 2016 - February 2016)
 - Utrecht University, The Netherlands
- Smid, Sanne (September 2017 - November 2017)
 - Utrecht University, The Netherlands

COMPETITIVE STUDENT AWARDS EARNED BY ADVISEES

- Felt, Johnny: UCM Quantitative Area Publication Award, 2018
- Winter, Sonja: UCM Quantitative Area Publication Award, 2018
- Smid, Sanne: Best conference presentation, Small Sample Size Solutions conference, 2018

- Felt, Johnny: Psychological Sciences Support Award, 2017
- Clifton, James: Student representative sent to GradSLAM finals (4 winners across campus), 2017
- Clifton, James: UCM Quantitative Area Publication Award, 2017
- Yang, Yuzhu (June): UCM Quantitative Area Publication Award, 2017
- Winter, Sonja: “Article of the Year” for 2015 in the *Communication Methods and Measures* journal for “Possible solution to publication bias through Bayesian statistics, including proper null hypothesis testing”, awarded in 2016
- Felt, Johnny: Mini-Grant from the CSU Chancellor’s Doctoral Incentive Program, 2016
- Felt, Johnny: CSU Chancellor’s Doctoral Incentive Program travel grant, 2016
- Winter, Sonja: School of Social Sciences, Humanities, and Arts Dean Fellowship, 2016
- Felt, Johnny: ENDOCareers Early Career Forum and Travel Award, 2016
- Felt, Johnny: Chancellor’s Doctoral Incentive Program Mini-Grant Program, 2016
- Clifton, James: UCM Quantitative Area Publication Award, 2016
- Felt, Johnny: Health Psychology Area Publication Award, 2016
- Felt, Johnny: International Conference of Psychological Sciences Travel Award, 2015
- Scott, Sarah: University of California President’s Dissertation Year Fellowship, 2014-2015
- Clifton, James: Psychological Sciences Scholars Fellowship, 2011

SERVICE

DEPARTMENT SERVICE

- **Search Committees**
 - Chair: Open Rank Quant Psyc. (2017-2018)
 - Chair: Junior Quant Psyc. (2017)
 - Chair: Junior Quant Psyc. (2017)
 - Member: Open Rank Quant Psyc. (2016-2017)
 - Member: Junior Quant Psyc. (2016-2017)

- Member: Open Rank Quant Psyc. (2014-2015)
- Member: Junior Quant Psyc. (2013-2014)
- Member: Senior Quant Psyc. (2012-2014)
- Member: Senior-Level Health/Developmental Psychologist. (2011-2012)
- Member: Junior-Level Health Psychologist. (2011-2012)

- **Curriculum**

- Member: Psychological Sciences Honors Program Committee (Sept 2017-present)
- Chair: Psychological Sciences Undergraduate Group (July 1, 2017-present)
- Member: Psychological Sciences Curriculum Committee (Graduate and Undergraduate) (January 2017-present)
- Lead: Restructuring of all graduate-level Quant courses (new numbering, CRFs, adding prerequisites, etc. (Summer 2016)
- Member: Department subcommittee for preparing the Graduate Program Learning Outcomes report, Quant Psyc representative (2016)
- Organizer: Completely restructured PSY 10 (including development of discussion sections), undergraduate required statistics course for majors (2015-2016)

- **Miscellaneous**

- Advisor: Psi Chi National Honors Society. (2011-2018)
- Member: 3 Psychological Sciences internal merit review committees (Fall 2017)
- Member: Psychology Symposium Organizing Committee. (2012- 2013)
- Organizer: Quantitative Psychology Colloquium Series. (2012-2013; 2016-present)
- Organizer: Organizer of Psychological Sciences Colloquium Series. (2012-2013)

UNIVERSITY SERVICE

- **Curriculum**

- Member: Committee for Development of Study Abroad Program (Psychology undergraduate majors) (2017-present)
- Member: School of Social Sciences, Humanities, and Arts Curriculum Committee. (2014-2015)
- Member: Joint curriculum subcommittee for Applied Math and Psychological Sciences for an applied statistics master's program. (2014-2015)

- Member: Health Sciences Research Institute task force to identify curriculum and research needs for hiring a biostatistician. (2014)

- **Miscellaneous**

- Member: Academic Planning Working Group. (Sept 2017-present)
- Member: Women in STEM (UC Merced Faculty representative) (June 2017-present)
- Member: Faculty Advisory Board, Data and Analytical Science User Group (2017-present)
- Member: Job Search Committee: Junior-Level Biostatistician for the School of Natural Sciences. (2012-2013)

PROFESSIONAL SERVICE

- **Editorial**

- Member: Editorial Advisory Board of the Society of Multivariate Experimental Psychology, May 2018-present
- Guest Editor: *Translational Issues in Psychological Science*, Special Issue on Quantitative Methods, June 2017-December 2018
- Associate Editor: *Multivariate Behavioral Research*, 2017-present
- Editorial Board Member: *Health Psychology Review* (Research Methods and Statistical Analysis section), January 2018-present
- Editorial Board Member: *Advances in Methods and Practices in Psychological Science*, 2017-present
- Consulting Editor: *Psychological Methods* (2013-present)

- **Miscellaneous**

- Organizing Committee Member: Small Sample Size Solutions Conference held in March 2018 in Utrecht, The Netherlands (February 2017 - March 2018)
- Outgoing Chair: American Psychological Association, Division 5, Membership Committee. (2016-2017)
- Chair: American Psychological Association, Division 5, Membership Committee. (2014-2016)