

Sarah Depaoli

CONTACT INFORMATION School of Social Sciences, Humanities and Arts
University of California, Merced *Office:* (209) 228-4549
5200 North Lake Road *E-mail:* sdepaoli@ucmerced.edu
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

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

PROFESSIONAL AFFILIATIONS

- Elected member: Society of Multivariate Experimental Psychology (2016 - present)
- 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 collaborator

1. **Depaoli, S.**, Rus, H.,†, Clifton, J.,† van de Schoot, R., & Tiemensma, J. (in press). An introduction to Bayesian statistics in health psychology: A discussion of relevance, implementation, and future directions. [invited paper for a special methods and statistics issue of *Health Psychology Review*]
2. **Depaoli, S.**, Yang, Y.,†, & Felt, J.† (in press). Using Bayesian statistics to model uncertainty in mixture models: A sensitivity analysis of priors. [invited paper for *Structural Equation Modeling: A Multidisciplinary Journal*]
3. van de Schoot, R., Winter, S.,† Zondervan-Zwijnenburg, M.,† Ryan, O.,† & **Depaoli, S.** (in press). A systematic review of Bayesian papers in psychology: The last 25 years. *Psychological Methods*.
4. van de Schoot, R., Sijbrandij, M., Winter, S.,† **Depaoli, S.**, & Vermunt, J. (2016). The development of the QuALTS-checklist: A tool for assessing the quality of reporting on latent trajectory studies. [online first]
5. **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*. [online first]
6. Epperson, A.,† **Depaoli, S.**, Song, A. V., Wallander, J. L., Elliott, M., Cuccaro, P., Tortolero, S., & Schuster, M. (2016). Perceived physical appearance: Assessing measurement equivalence in Black, Latino, and White Adolescents. *Journal of Pediatric Psychology*. [online first]
7. Tiemensma, J., **Depaoli, S.**, & Felt, J.† (2016). Using subscales when scoring the Cushing's Quality of Life (CushingQoL) Questionnaire. *European Journal of Endocrinology*, 174, 33-40.

8. **Depaoli, S.**, & van de Schoot, R. (2015). Improving transparency and replication in Bayesian statistics: The WAMBS-checklist. *Psychological Methods*. [online first]
9. 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.
10. **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.
11. 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.
12. 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.
13. **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.
14. 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.
15. van de Schoot, R., & **Depaoli, S.** (2014). Bayesian analyses: Where to start and what to report. *European Health Psychologist*, *16*, 75-84.
16. **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.
17. **Depaoli, S.**, & Boyajian, J.[†] (2014). Linear and nonlinear growth models: Describing a new Bayesian perspective. *Journal of Consulting and Clinical Psychology*, *82*, 784-802.
18. **Depaoli, S.** (2013). Mixture class recovery in GMM under varying degrees of class separation: Frequentist versus Bayesian estimation. *Psychological Methods*, *18*, 186-219.

19. Kaplan, D., & **Depaoli, S.** (2013). Bayesian statistical methods. In Little, T. (Eds.), *Handbook for quantitative methods* (pp. 406-436). Oxford University Press.
20. **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.
21. Kaplan, D., & **Depaoli, S.** (2012). Bayesian structural equation modeling. In Hoyle, R. (Eds.), *Handbook of structural equation modeling* (pp. 650-673). Guilford Press.
22. **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.
23. 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.
24. **Depaoli, S.** (2010). Measurement and structural model class separation in mixture-CFA [abstract]. *Multivariate and Behavioral Research*, 45, 1023.
25. **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 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 collaborator

1. van de Schoot, R, **Depaoli, S.**, van Loey, N., & Sijbrandij, M. (*under review*). Bayesian latent mixture modeling applied to posttraumatic stress trajectories.
2. Zondervan-Zwijnenburg, M. A. J.,[†] Peeters, M., **Depaoli, S.**, & van de Schoot, R. (*under review*). Pushing the limits: Sample size requirements with unbalanced subgroups in latent growth models.
3. **Depaoli, S.**, Tiemensma, J., & Felt, J.[†] (*under review*). Development and assessment of health surveys: Fitting a graded response model.
4. Felt, J.,[†] **Depaoli, S.**, & Tiemensma, J. (*under review, revise and resubmit*). Latent growth curve models for biomarkers of the stress response.

PAPERS UNDER
REVISION—
PREVIOUSLY
REJECTED

[†] denotes a student collaborator

1. Clifton, J. P.,[†] & **Depaoli, S.** (*under revision*). Implementing multilevel structural equation models through Bayesian and frequentist estimation.
2. 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
3. Clifton, J.,[†] **Depaoli, S.**, & Song, A. (*under revision*). Are all former smokers alike?: A latent class analysis.

PAPERS—TO BE
SUBMITTED SOON

[†] denotes a student collaborator

1. Cobb, P. R.,[†] & **Depaoli, S.** (*in preparation*). An exploration into handling under-dispersed data in regression with count outcomes.
2. 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.
3. **Depaoli, S.**, & Clifton, J.[†] (*in preparation*). Specification and impact of priors for categorical latent variable models.

4. **Depaoli, S.**, Clifton, J.,[†] & Lai, K. (*in preparation*). Skewed within-class mixture distributions in latent growth mixture modeling: An assessment of specification errors and class enumeration.
5. **Depaoli, S.**, & Liu, Y. (*in preparation*). Book review: Bayesian psychometric modeling. *Psychometrika*. [invited review]
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. Hansford, T. G., & **Depaoli, S.** (*in preparation*). Estimating the location of the states in legal policy space.
9. Hansford, T. G., & **Depaoli, S.** (*in preparation*). Estimating the ideal points of organized interests in legal policy space.
10. Yang, Y.,[†] & **Depaoli, S.** (*in preparation*). Bayesian model averaging for multilevel models.

WORKING
PAPERS

[†] denotes a student collaborator

1. Clifton, J.,[†] & **Depaoli, S.** (*in preparation*). An investigation of prior distribution accuracy and robustness in SEM.
2. Clifton, J.,[†] & **Depaoli, S.** (*in preparation*). An assessment of multivariate priors for factor precision matrices in SEM.
3. **Depaoli, S.** (*in preparation*). The effect of data-driven priors on parameter estimate bias for continuous growth models.
4. **Depaoli, S.** (*in preparation*). Identification of specification errors in Bayesian latent class analysis.
5. **Depaoli, S.**, Clifton, J.,[†] & van de Schoot, R. (*in preparation*). Accounting for latent class separation in Bayesian growth mixture modeling: Examination of a “difference” prior.
6. **Depaoli, S.**, Felt, J.[†] & Tiemensma, J. (*in preparation*). Establishing measurement invariance of the Cushing’s Quality of Life Questionnaire.

GRANTS

Grants Pending or Funded [Total Amount of \$2,636,097]:

– Submitted

- * 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

– 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
 - * 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: National Institutes of Health (R21)
 - * Amount: \$397,133
 - * Title: Social Media and the Impact on Acute Stressors
 - * 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: \$4,999,724.00
- * 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

REVIEW
EXPERIENCE

-Consulting Editor for: *Psychological Methods* 2013-

-Ad Hoc Reviewer for: *American Psychologist*, *Behavior Research Methods*, *Child Development Perspectives*, *Computational Statistics*, *Evaluation Review*, *International Journal of Systems Science*, *Journal of Behavioral Medicine*, *Journal of Counseling Psychology*, *Journal of Experimental Education*, *Journal of Multivariate Analysis*, *Journal of Personality Assessment*, *Journal of Statistical Theory and Practice*, *Multivariate Behavioral Research*, *Psychological Methods*, *Psychometrika*, *Structural Equation Modeling: A Multidisciplinary Journal*

-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.

PRESENTATIONS
OF RESEARCH

* denotes presenter, † denotes student collaborator

1. **Depaoli, S.*** (*accepted* 2016, November). *Bayesian Statistics in Health Psychology*. E-course given through the European Health Psychology Society. [Note: [Invited Talk](#)]
2. Clifton, J.,*† & **Depaoli, S.** (*accepted* 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.
3. Yang, Y.,*† & **Depaoli, S.** (*accepted* 2016, July). *Bayesian Model Averaging for Multilevel Models*. Poster presentation at the annual meeting of the Psychometric Society, Asheville, NC.
4. Hansford, T,* & **Depaoli, S.** (2016, June). *Estimating the Ideal Points of Organized Interests in Legal Policy Space*. Law and Society Association Annual Meeting, New Orleans, LA.
5. Clifton, J. P.,*† & **Depaoli, S.** (2016, May). *Specification and Impact of Priors for Categorical Latent Variable Models*. Modern Modeling Methods Conference, Storrs, CT.
6. Yang, Y.,*† & **Depaoli, S.** (2016, May). *Bayesian Model Averaging for Multilevel Models*. Modern Modeling Methods Conference, Storrs, CT.
7. Cobb, P.,*† **Depaoli, S.**, & Shadish, W. R., (2016, May). *An Exploration into Handling Underdispersed Data in Regression with Count Outcomes*. Modern Modeling Methods Conference, Storrs, CT.
8. 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*. Endocrine Society's Annual Conference (ENDO2016), Boston, MA.
9. **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*. 37th Annual Meeting Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
10. **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.
11. Felt, J.,*† **Depaoli, S.**, & Tiemensma, J. (2016, March). *Using Subscales when Scoring the Cushings Quality of Life (CushingQoL) Questionnaire*. 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.

12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. Yang, Y.^{*†} & **Depaoli, S.** (2015, May). *Autoregressive Latent Growth Modeling: A Bayesian Approach*. Poster presentation at the Modern Modeling Methods Conference, Storrs, CT.
19. 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.
20. 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.
21. 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.

22. **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](#)]
23. 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](#)]
24. **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.
25. **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](#)]
26. 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](#)]
27. **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.
28. 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.
29. 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.
30. 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.
31. 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.

32. Hansford, T. G.,* & **Depaoli, S.** (2014, August). *Estimating the Location of the States in Legal Policy Space*. American Political Science Association, Washington DC.
33. **Depaoli, S.*** (2014, August). *Bayesian Latent Growth Mixture Modeling with Small Sample Sizes*. American Psychological Association, Washington DC.
34. 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.
35. **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.
36. 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.
37. 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]
38. **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]
39. **Depaoli, S.*** (2014, May). *Using Generalized Additive Models to Assess Nonlinearities in Longitudinal Data*. American Psychological Sciences Convention, San Francisco, CA.
40. 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.
41. 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.
42. 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.

43. 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.
44. 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.
45. 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.
46. **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.
47. 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.
48. 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.
49. 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.
50. **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.
51. **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.
52. **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.

53. 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.
54. **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.
55. **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](#)]
56. 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.
57. **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.
58. **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.
59. 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.
60. **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.
61. 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.
62. **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.
63. **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.

64. 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.
65. **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.
66. **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.
67. **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.
68. **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.
69. 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.
70. **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.
71. 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.
72. **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 Professor, various courses

Fall 2011-present

- PSY 10: Analysis of Psychological Data, undergraduate-level Psychology statistics course

- Terms: *Spring 2013, Fall 2013, Fall 2014*
- 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*
- 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*
- 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)
 - Left program
- Clifton, James (August 2011 - present)
 - Expected graduation date: December 2016
- Cobb, Patrice (January 2016 - present)
 - Expected graduation date: August 2017
- Felt, Johnny, Co-advisor Dr. Jitske Tiemensma (August 2013 - present)
 - Expected graduation date: May 2018
- Schrooten, Inge (January 2016 - present)
 - Student from Utrecht University, The Netherlands; co-advising dissertation work
- Scott, Sarah, Co-advisor Dr. Jan Wallander (September 2013 - August 2015)
 - Graduated with PhD, Summer 2015
- Winter, Sonja (starting program in August 2016)
- Yang, Yuzhu (June) (August 2013 - present)
 - Expected graduation date: May 2018

DISSERTATION COMMITTEES

- Boyajian, Jonathan (September 2013 - August 2014)

- Castaneda, Ruben (January 2016 - present)
- Clifton, James (December 2015 - present)
- Coburn, Kathleen (January 2016 - present)
- Epperson, Anna (July 2015 - July 2016)
- Felt, Johnny (June 2016 - present)
- Schrooten, Inge (January 2016 - present)
 - Student from Utrecht University, The Netherlands
- Scott, Sarah (February 2014 - August 2015)
- Sullivan, Kristynn (July 2013 - May 2015)
- Wally, Christopher (September 2015 - present)

DOCTORAL CANDIDACY COMMITTEES

- Boyajian, Jonathan (May 2013 - September 2013)
- Castaneda, Ruben (October 2014 - August 2015)
- Clifton, James (April 2014 - December 2015)
- Cobb, Patrice (January 2016 - present)
- Coburn, Kathleen (October 2014 - August 2015)
- Durazo, Arturo (April 2015 - December 2015)
- Epperson, Anna (May 2014 - July 2015)
- Felt, Johnny (January 2016 - June 2016)
- Scott, Sarah (October 2013 - February 2014)
- Sullivan, Kristynn (September 2012 - July 2013)
- Wally, Christopher (May 2014 - September 2015)
- Yang, Yuzhu (June) (January 2016 - present)

MASTER'S COMMITTEES

- Feilner, Raymond (May 2016 - present)

FACULTY ADVISORY COMMITTEES

- Boyajian, Jonathan (September 2011 - August 2014)
- Bunce, John (September 2011 - May 2013)
- Carroll, Paul (September 2011 - November 2014)
- Castaneda, Ruben (September 2012 - present)
- Clifton, James (August 2011- present)
- Cobb, Patrice (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 - present)
- Felt, Johnny (September 2013 - present)
- Hamilton, Kyle (January 2016 - present)
- Pittman, Alyse (September 2012 - May 2013)
- Scott, Sarah (September 2011 - August 2015)
- Sullivan, Kristynn (September 2011 - May 2015)
- Turitz, Michelle (March 2016 - present)
- Wally, Christopher (September 2011 - present)
- Yang, Yuzhu (June) (September 2013 - present)
- Zelinsky, Nicole (September 2013 - present)
- Zhang, Xiaoguang (Eric) (April 2016 - present)

UNDERGRADUATE SUPERVISION

- Hamilton, Kyle (June 2014 - August 2015)

VISITING SCHOLARS

- Schrooten, Inge (January 2016 - February 2016)

COMPETITIVE STUDENT AWARDS EARNED BY ADVISEES

- 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: Quantitative Psychology Research Dissemination Award, 2016
- Felt, Johnny: Health Psychology Research Dissemination 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
(UC MERCED)

DEPARTMENT SERVICE

- Member, Job Search Committee: Open Rank Quant Psyc. (2016-2017)
- Member, Job Search Committee: Junior Quant Psyc. (2016-2017)
- 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)
- Member, Job Search Committee: Open Rank Quant Psyc. (2014-2015)
- Member, Job Search Committee: Junior Quant Psyc. (2013-2014)
- Member, Job Search Committee: Senior Quant Psyc. (2012-2014)
- Member, Junior Faculty Psychology Symposium Organizing Committee. (2012-2013)
- Organizer, Quantitative Psychology Colloquium Series. (2012-2013)
- Organizer, Organizer of Psychological Sciences Colloquium Series. (2012-2013)
- Member, Job Search Committee: Senior-Level Health/Developmental Psychologist. (2011-2012)

- Member, Job Search Committee: Junior-Level Health Psychologist. (2011-2012)
- Advisor, Faculty Advisor for Psi Chi National Honors Society. (2011-Present)

UNIVERSITY SERVICE

- 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)
- Member, Job Search Committee: Junior-Level Biostatistician for the School of Natural Sciences. (2012-2013)

PROFESSIONAL SERVICE

- Chair, American Psychological Association, Division 5, Membership Committee. (2014-present)
- Consulting editor for *Psychological Methods*