Kevin J. Grimm

Department of Psychology
Arizona State University
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Tempe, AZ 85287

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EDUCATION

Ph.D. Psychology
August 2006
University of Virginia, Charlottesville, VA
Advisors: John J. McArdle, Ph.D., John R. Nesselroade, Ph.D.

M.A. Psychology
May 2003
University of Virginia, Charlottesville, VA
Advisor: John J. McArdle, Ph.D.

B.A. Mathematics, Psychology; Concentration in Education
May 2000
Gettysburg College, Gettysburg, PA

PROFESSIONAL POSITIONS

2025-present	Director of Operations and Research	Department of Psychology Arizona State University
2023-2024	Director of Facilities and Research Advancement	Department of Psychology Arizona State University
2021-2023	Director of Operations and Research Facilitation	Department of Psychology Arizona State University
2016-present	Professor	Department of Psychology Arizona State University
2014-2016	Associate Professor	Department of Psychology Arizona State University
2011-2014	Associate Professor	Department of Psychology University of California, Davis
2007-2011	Assistant Professor	Department of Psychology University of California, Davis

2006-2007	Research Associate	Center for the Advanced Study of Teaching and Learning University of Virginia

FELLOWSHIPS & AWARDS

2025 Barbara Byrne Book Award, *Society of Multivariate Experimental Psychology* for

> Jacobucci, R., Grimm, K. J., & Zhang, Z. (2023). *Machine learning for social and behavioral research*. New York: Guilford Publications.

2022 Eber Distinguished Service Award, *Society of Multivariate Experimental Psychology*

2021 Barbara Byrne Book Award, *Society of Multivariate Experimental Psychology* for

> Grimm, K. J., Ram, N., & Estabrook, R. (2017). *Growth modeling: Structural equation and multilevel modeling approaches.* New York: Guilford Publications.

2021 Tanaka Award, *Society of Multivariate Experimental Psychology* for

> McNeish, D., Dumas, D. G., & Grimm, K. J. (2020). Estimating new quantities from longitudinal test scores to improve forecasts of future performance. *Multivariate Behavioral Research*, 55, 894-909.

2017 Early Career Research Award, *Society of Multivariate Experimental Psychology*

2015 Elected member of the *Society of Multivariate Experimental Psychology*

2013 Best Poster, *Biennial Meeting of Association for Research in Personality*

2013 Award for Excellence in Service to Graduate Students, Graduate Student Association, University of California, Davis

2010 Excellence in Education Award Nominee, Associated Students of the University of California, Davis

2009 Article of the Year Award for *School Psychology Review*

2009 COR Academic Senate Research Travel Award, University of California, Davis

2005 *Society of Multivariate Experimental Psychology* Dissertation Research Award

2005 *American Psychological Association* Dissertation Research Award

2005-2006 Institute of Education Sciences Fellowship, Curry School of Education, University of Virginia

2002-2005 NIA Aging Research Methodology Traineeship, University of Virginia

2001-2004 Presidential Fellowship, University of Virginia

2003-2005	Robert J. Huskey Travel Award, University of Virginia
2000	Earl Ziegler Senior Mathematics Award, Gettysburg College
1999	Earl Ziegler Junior Mathematics Award, Gettysburg College

GRANTS/RESEARCH SUPPORT

ONGOING RESEARCH SUPPORT

R01MH135915
Kevin Grimm (PI)

Title:	Societal Stressors, Adaptive Factors, and Developmental Timing: Influences on Latinx Mental Health from Early Childhood Through Young Adulthood
Direct Sponsor:	George Washington University
Originating Sponsor:	NIH (PI: Kathleen Roche)
Total Cost:	$778,077
Dates:	04/01/2024 to 03/31/2029

R01-CA201179
Shelby Langer (PI)

Title:	Couple Communication in Cancer: A Multi-Method Examination
Sponsor:	NIH
Total Cost:	$3,159,803
Dates:	09/01/2023 to 08/31/2028
Role:	Co-Investigator

R01MH138928
Thao Ha (PI)

Title:	Bidirectional Effects between Adolescent Digital Dating Abuse Dynamics
Sponsor:	NIH
Total Cost:	$3,797,254
Dates:	12/01/2024 to 11/30/2029
Role:	Co-Investigator

HT9425-24-1-0541
Rebecca Blais (PI)

Title:	Informal Disclosure of Military Sexual Assault in Male and Female Survivors
Sponsor:	DOD
Total Cost:	$1,275,092
Dates:	08/15/2024 to 08/14/2028
Role:	Co-Investigator

R01AA031281
Jinni Su (PI)

Title:	Gene-Environment Interplay and Alcohol Use among Racially-Ethnically Diverse Youth: A Developmentally and Culturally Informed Approach
Sponsor:	NIH
Total Cost:	$1,840,158
Dates:	09/18/2023 to 05/31/2028
Role:	Co-Investigator

W81XWH-22-1-1102
Rebecca Blais (PI)
Title: Preventing Suicide Among Survivors of Military Sexual Violence: Identifying Critical Risk Periods and Factors That Attenuate and Exacerbate Risk
Sponsor: DOD
Total Cost: $722,815
Dates: 09/30/2022 to 09/29/2026
Role: Co-Investigator

R01AG079523
Frank Infurna (PI)
Title: Psychosocial Risk and Resilience Mechanisms Underlying Diversity in Midlife Health, Well-Being and Cognition
Sponsor: NIH
Total Cost: $2,489,488
Dates: 09/01/2022 to 04/30/2027
Role: Co-Investigator

R01DA053740
Jenn-Yun Tein
Title: Parent-Child Interaction Dynamics Mediate Genetic and Prevention Effects on the Development of Adolescent Substance Use Disorders
Sponsor: NIH
Total Cost: $2,130,704
Dates: 04/15/2022 to 02/28/2026
Role: Co-Investigator

2 R01HD086085
Mary Davis (PI)
Title: Genetic and Environmental Origins of the Development of Pain in Children
Sponsor: NIH
Total Cost: $3,116,888
Dates: 03/01/2022 to 02/28/2027
Role: Co-Investigator

R305A210077
Kevin Grimm (PI)
Title: Personalizing Literacy Instruction for English Learners
Direct Sponsor: University of California, Irvine
Originating Sponsor: IES (PI: Jin Kyoung Hwang)
Total Cost: $101,699
Dates: 07/01/2021 to 06/30/2025

R305A210136
Kevin Grimm (PI)
Title: Developing A2i Spanish Adaptive Progress Monitoring Assessments for PK-3rd Grade
Direct Sponsor: San Diego State University
Originating Sponsor: IES (PI: Ashley Sanabria)
Total Cost: $174,306
Dates: 07/01/2021 to 6/30/2025

5T32DA039772
Nancy Gonzales (PI)
Title: Research Training in Drug Abuse Prevention: Closing the Research-Practice Gap
Sponsor: NIH
Total Cost: $2,294,493
Dates: 07/01/2021 to 06/30/2026
Role: Co-Investigator

2 R01HD079520
Kathryn Lemery-Chalfant (PI)
Title: Social and Genetic Contributions to Children's Sleep Health and Functioning
Sponsor: NIH
Total Cost: $3,100,718
Dates: 12/01/2020 to 11/30/2025
Role: Co-Investigator

COMPLETED RESEARCH SUPPORT

R37DA009757
David MacKinnon (PI)
Title: Estimating Mediation Effects in Prevention Studies
Sponsor: NIH
Total Cost: $1,755,659
Dates: 06/01/2020 to 05/31/2025
Role: Co-Investigator

1F31MH131378
Juan Hernandez (PI)
Title: Maladaptive Eating–Depression Symptom Networks
Sponsor: NIH
Total Cost: $112,846
Dates: 06/01/2022 to 06/31/2024
Role: Co-Sponsor

1F31AA030167
Jack Waddell (PI)
Title: Between- and Within-Person Effects of Alcohol and Cannabis Co-Use
Sponsor: NIH
Total Cost: $108,936
Dates: 04/01/2022 to 03/31/2024

Role: Co-Sponsor

19-02981
Jill Messing (PI)
Title: Assessing the Impact of Domestic Violence-Specific Risk Assessment tools on Pretrial Decision Making, Case Outcomes, and Victim Safety
Sponsor: Laura & John Arnold Foundation
Total Cost: $3,383,091
Dates: 05/01/2021 to 06/30/2024
Role: Co-Investigator

W911NF-17-1-0175
Adam Cohen (PI)
Title: Broadening Our View of Culture
Sponsor: DOD
Total Cost: $2,409,222
Dates: 05/01/2017 to 05/30/2024
Role: Co-Principal Investigator

AGR 8/26/2020
Jill Messing (PI)
Title: A Comparison of Firearm-related Intimate Partner Homicide in Missouri and Oregon: Prevalence, Risk, and the Effect of Firearm Regulations
Sponsor: RAND Corporation
Total Cost: $1,334,200
Dates: 08/01/2020 to 06/30/2023
Role: Co-Investigator

2018-68001-27550
Cady Berkel (PI)
Title: The Family Check-Up for Health
Sponsor: CDC
Total Cost: $2,219,130
Dates: 05/01/2018 to 04/30/2023
Role: Co-Principal Investigator

R61HD104570-01
Jill Messing (PI)
Title: A Comparison of Firearm-related Intimate Partner Homicide in Texas and Maryland: Prevalence, Risk, and the Effect of Firearm Regulations
Direct Sponsor: Johns Hopkins University
Originating Sponsor: NIH
Total Cost: $251,958
Dates: 09/01/2020 to 08/31/2022
Role: Co-Investigator

1F31DA049432
Conner Jones (PI)
Title: Proximal Antecedents and Subjective Effects of Medical Cannabis Use
Sponsor: NIH
Total Cost: $127,531
Dates: 04/01/2020 to 03/31/2022
Role: Co-Sponsor

R305D190011
Daniel McNeish (PI)
Title: Addressing Small Sample and Computational Issues in Mixture Models
Sponsor: IES
Total Cost: $209,305
Dates: 08/01/2019 to 07/31/2021
Role: Co-Investigator

2R01HL116490

Kevin Grimm (PI)
Title: Longitudinal Measurement of the Changing Sleep Need in Adolescence
Direct Sponsor: University of California, Davis
Originating Sponsor: NIH (PI: Irwin Feinberg)
Total Cost: $118,433
Dates: 07/01/2018 to 06/30/2022

R305A180261
Danielle McNamara (PI)
Title: The Development of the Writing Assessment Tool: An On-line Platform for the Automated Assessment of Writing
Sponsor: IES
Total Cost: $1,399,327
Dates: 07/01/2018 to 06/30/2022
Role: Co-Principal Investigator

R305A200524
Leigh McLean (PI)
Title: Exploring Elementary Teachers' Feelings, Beliefs, and Effectiveness Across Mathematics, Science, and Literacy
Sponsor: IES
Total Cost: $1,396,914
Dates: 7/1/2018 to 06/30/2022
Role: Co-Investigator

5F31AA026763
Ariel Sternberg (PI)
Title: Elucidating the Effect of Alcohol-related Services on Abstinence, Recovery from Alcohol Use Disorder
Sponsor: NIH
Total Cost: $106,826
Dates: 04/01/2018 to 03/31/2020
Role: Co-Sponsor

5F31AA026768
William Pelham (PI)
Title: Identifying Children and Teens at Risk for Early Onset Alcohol Use
Sponsor: NIH
Total Cost: $106,825
Dates: 04/01/2018 to 03/31/2020
Role: Co-Sponsor

W911NF-17-1-0175
Adam Cohen (PI)
Title: Broadening Our View of Culture
Sponsor: DOD
Total Cost: $1,788,501
Dates: 05/01/2017 to 04/30/2021
Role: Co-Principal Investigator

60699
Frank Infurna (PI)
Title: The Pathways to Character Project

Sponsor: John Templeton Foundation
Total Cost: $3,339,877
Dates: 12/01/2016 to 11/30/2019
Role: Co-Investigator

R01HD086085
Kathryn Lemery/Mary Davis (MPI)
Title: Genetic and Environmental Origins of the Development of Pain in Children
Sponsor: NIH
Total Cost: $3,699,948
Dates: 07/01/2016 to 06/30/2021
Role: Co-Investigator

R01HD051498-06A1
Kevin Grimm (PI)
Title: Behavioral Engagement and Executive Functions as Contributors to School Readiness
Direct Sponsor: University of Virginia
Originating Sponsor: NICHD (PI: Jason Downer)
Total Cost: $195,479
Dates: 07/01/2016 to 06/30/2021

U18DP006255
Cady Berkel (PI)
Title: An Individually Tailored, Family-centered Intervention for Childhood Obesity
Sponsor: CDC
Cost: $3,790,570
Dates: 06/01/2016 to 09/29/2018
Role: Co-Investigator

5 R01HD082094
Dustin Pardini (PI)
Title: Optimizing Screening Tools for Identifying Children at Risk of Violence
Sponsor: NIH
Total Cost: $2,197,000
Dates: 09/01/2015 to 08/31/2019
Role: Co-Investigator

DA009757
David MacKinnon (PI)
Title: Estimating Mediation Effects in Prevention Studies
Sponsor: NIH
Total Cost: $1,862,723
Dates: 07/01/2015 to 06/30/2020
Role: Co-Investigator

T32-DA039772
Laurie Chassin (PI)
Title: Research Training in Drug Abuse/HIV Prevention: Closing the Research-practice Gap
Sponsor: NIH
Total Cost: $1,948,920
Dates: 07/01/2015 to 06/30/2020

Role: Co-Investigator

R305A170163
Carol Connor (PI)
Title: Developing Electronic-Books to Build Elementary Students' Word Knowledge, Comprehension Monitoring, and Reading Comprehension
Sponsor: IES
Total Cost: $1,599,998
Dates: 09/01/2017 to 06/30/2021
Role: Co-Investigator

R305A160023
Virginia Kwan (PI)
Title: Strengthening Present-Future Self-Continuity Mitigates Temporal Discounting and Improves College Persistence
Sponsor: IES
Total Cost: $1,543,758
Dates: 07/01/2015 to 06/30/2019
Role: Co-Investigator

R01HD079520
Leah Doane (PI)
Title: Social and Genetic Contributions to Children’s Sleep, Health and Functioning
Sponsor: NICHD
Total Cost: $1,949,668
Dates: 05/15/2015 to 04/30/2020
Role: Co-Investigator

REAL-1252463
Kevin Grimm (PI)
Title: Developmental Skills Linked to Math and Science Achievement: An Interdisciplinary Data-Intensive Approach to Identification and Improvement through Experimental Intervention
Direct Sponsor: University of Virginia
Originating Sponsor: NSF (PI: David Grissmer)
Total Cost: $438,171
Dates: 09/01/2013 to 08/30/2018

Adela Grando (PI)
Title: Data-driven Behavioral Change Interventions to Improve Type 1 Diabetes (T1D) Treatment
Sponsor: Mayo Clinic
Total Cost: $100,000
Dates: 01/01/2018 to 12/31/2018
Role: Co-Investigator

1R01HL116490-01A1
Kevin Grimm (PI)
Title: Longitudinal Measurement of the Changing Sleep Need in Adolescence
Direct Sponsor: University of California, Davis
Originating Sponsor: NIH (PI: Irwin Feinberg)
Total Cost: $60,223
Dates: 07/01/2013 to 06/30/2018

1R01MH091109-01
Simona Ghetti (PI)
Title: Role of Hippocampus and its Projections in Episodic Memory Development
Sponsor: NIH
Total Cost: $2,359,570
Dates: 07/01/2011 to 06/30/2016
Role: Co-Investigator

N65236-08-1-6401
Cynthia L. Pickett (PI)
Title: Assessing the Predictors of U.S. National Identification and Allegiance
Sponsor: DN Space & Naval Warfare Systems Command
Total Cost: $216,459
Dates: 10/01/2008 to 08/31/2009
Role: Co-Investigator

R305A06021
Kevin Grimm (PI)
Title: National Center for Research on Early Childhood Education
Direct Sponsor: University of Virginia
Originating Sponsor: IES (PI: Robert Pianta)
Total Cost: $78,000
Dates: 01/01/2008 to 12/31/2010

DRL-0815787
Kevin Grimm (PI)
Title: Math and Science Achievement Gaps for Minority and Disadvantaged Students: Developmental and Environmental Influences from 9 Months to 8th Grade
Direct Sponsor: University of Virginia
Originating Sponsor: NSF (PI: David Grissmer)
Total Cost: $241,647
Dates: 09/01/2008 to 08/31/2011

07-2040
Gail Goodman (PI)
Title: CDSS-UCD Center for Public Policy Research
Sponsor: California Department of Social Services
Total Cost: $3,500,094
Dates: 01/01/2008 to 06/30/2011
Role: Co-Investigator

R03 62755
Katherine Graf-Estes (PI)
Title: Linking Statistical Learning to Vocabulary Development
Sponsor: NICHD
Total Cost: $131,000
Dates: 07/1/2010 to 06/30/2012
Role: Co-Investigator

1R01MH093426
Kevin Grimm (PI)

Title:	Violence and Victimization in Adults with Mental Illness
Direct Sponsor:	Research Triangle Institute
Originating Sponsor:	NIH (PI: Richard Van Dorn)
Total Cost:	$132,999
Dates:	09/18/2012 to 06/30/2015

PUBLICATIONS

* indicates undergraduate or graduate student at the time the work was conducted

BOOKS

1. Grimm, K. J., Ram, N., & Estabrook, R. (2017). *Growth modeling: Structural equation and multilevel modeling approaches*. New York, NY: Guilford.
2. Ferrer, E., Boker, S. M., & Grimm, K. J. (2019). *Longitudinal multivariate psychology*. New York, NY: Routledge.
3. Jacobucci, R., Grimm, K. J., & Zhang, Z. (2023). *Machine learning for social and behavioral research*. New York, NY: Guilford.
4. Grimm, K. J. (2026). *Categorical data analysis with structural equation models: Applications in Mplus and lavaan*. New York, NY: Guilford.
5. Grimm, K. J. (under contract). *Structural equation modeling: Mathematical foundations and applications in Mplus and lavaan*. New York, NY: Guilford.
6. Grimm, K. J., Prescott, C. A., & McArdle, J. J. (under contract). *Longitudinal data analysis using structural equation models*. Washington, DC: American Psychological Association.

ARTICLES

1. Cox, D. J., Kovatchev, B. P., Gonder-Frederick, L. A., Summers, K., McCall, A., Grimm, K. J., & Clarke, W. L. (2005). Relationships between hyperglycemia and cognitive performance among adults with type 1 and type 2 diabetes. *Diabetes Care*, *28*, 71-77.
2. Bowles, R. P., Grimm, K. J., & McArdle, J. J. (2005). A structural factor analysis of vocabulary knowledge and relations to age. *Gerontology: Psychological Sciences, 60B*, P234-P241.
3. Justice, L. M., Kaderavek, J., Bowles, R. P., & Grimm, K. J. (2005). Language impairment, parent-child shared reading, and phonological awareness: A feasibility study. *Topics in Early Childhood Special Education, 25*, 143-156.
4. Ram, N., Chow, S. M., Bowles, R. P., Wang, L., Grimm, K. J., Fujita, F., & Nesselroade, J. R. (2005). Examining interindividual differences in cyclicity of pleasant and unpleasant affect using spectral analysis and item response modeling. *Psychometrika, 70*, 773-790.
5. King, D., King, L., McArdle, J. J., Grimm, K. J., Jones, R. T., & Ollendick, T.H. (2006). Characterizing time in longitudinal trauma research. *Journal of Traumatic Stress*, *19*, 205-215.
6. Dohrmann, K. R., Nishida, T. K., Gartner, A., Lipsky, D.K., & Grimm, K. J. (2007). High school outcomes for students previously in a public Montessori program. *Journal of Research in Childhood Education, 22,* 205-217.

7. Grimm, K. J. (2007). Multivariate longitudinal methods for studying developmental relationships between depression and academic achievement. *International Journal of Behavioral Development, 31,* 328-339.
8. Ram, N., & Grimm, K. J. (2007). Using simple and complex growth models to articulate developmental change: Matching method to theory. *International Journal of Behavioral Development, 31,* 303-316.
9. Zhang, Z., Hamagami, F., Wang, L., Grimm, K. J., & Nesselroade, J. R. (2007). Bayesian analysis of longitudinal data using growth curve models. *International Journal of Behavioral Development*, *31*, 374-383.
10. Brock, L. L., Nishida, T. K., Chiong, C., & Grimm, K. J., Rimm-Kaufman, S. E. (2008). Children's perceptions of the classroom environment and social and academic performance: A longitudinal analysis of the contribution of the responsive classroom approach. *Journal of School Psychology, 46,* 129-149.
11. Grimm, K. J. (2008). Longitudinal associations between reading and mathematics. *Developmental Neuropsychology, 33,* 410-426.
12. Skibbe, L. E., Grimm, K. J., Stanton-Chapman, T., Justice, L. M., Pence, K. L., & Bowles, R. P. (2008). Reading trajectories of children with language impairment from preschool to fifth grade. *Language, Speech, and Hearing Services in Schools, 39,* 475-486.
13. Grimm, K. J., Pianta, R. C., & Konold, T. R. (2009). Longitudinal multitrait-multimethod models for developmental research. *Multivariate Behavioral Research*, *44*, 233-258.
14. Cameron Ponitz, C., Rimm-Kaufman, S. E., Grimm, K. J., & Curby, T. W. (2009). Kindergarten classroom quality, behavioral engagement, and reading achievement. *School Psychology Review, 38,* 102-120.
15. McArdle, J. J., Grimm, K. J., Hamagami, F., Bowles, R. P., & Meredith, W. (2009). Modeling lifespan growth curves of cognition using longitudinal data with multiple samples and changing scales of measurement. *Psychological Methods, 14,* 126-149.
16. Grimm, K. J., & Ram, N. (2009). Nonlinear growth models in M*plus* and SAS. *Structural Equation Modeling: A Multidisciplinary Journal, 16,* 676-701.
17. Rimm-Kaufman, S. E., Curby, T. W., Grimm, K. J., Brock, L. L., & Nathanson, L. (2009). The contribution of children's self-regulation and classroom quality to children's adaptive behaviors in the kindergarten classroom. *Developmental Psychology, 45,* 958-972.
18. Grimm, K. J., & Ram, N. (2009). A second-order growth mixture model for developmental research. *Research in Human Development, 2-3,* 121-143.
19. Brock, L. L., Rimm-Kaufman, S. E., Nathanson, L., & Grimm, K. J. (2009). The contribution of 'hot' and 'cool' executive function to children's academic achievement and classroom behavior. *Early Childhood Research Quarterly, 24,* 337-349.
20. Ram, N., & Grimm, K. J. (2009). Growth mixture modeling: A method for identifying differences in longitudinal change among unobserved groups. *International Journal of Behavioral Development, 33,* 565-576.
21. Curby, T. W., Grimm, K. J., & Pianta, R. C. (2010). Stability and change in early childhood classroom interactions during the first two hours of a day. *Early Childhood Research Quarterly, 25,* 373-384.
22. Barrett, F. S., Grimm, K. J., Robins, R., Wildschut, T., Sedikides, C., & Janata, P. (2010). Music-Evoked nostalgia: Affect, memory, and personality. *Emotion*, *10*, 390-403.

23. Grimm, K. J., & Widaman, K. F. (2010). Residual structures in latent growth curve analysis. *Structural Equation Modeling: A Multidisciplinary Journal, 17*, 424-442.
24. Grimm, K. J., *Steele, J. S., Mashburn, A. J., Burchinal, M., & Pianta, R. C. (2010). Early behavioral associations of achievement trajectories. *Developmental Psychology, 46,* 976-983.
25. Grissmer, D., Grimm, K. J., Aiyer, S. M., Murrah, W. M., & Steele, J. S. (2010). Fine motor skills and early comprehension of the world: Two new school readiness indicators. *Developmental Psychology, 46,* 1008-1017.
26. Blandon, A. Y., Calkins, S. D., Grimm, K. J., Keane, S. P., & O'Brien, M. (2010). Testing a developmental cascade model of emotional and social competence and early peer acceptance. *Development and Psychopathology*, *22*, 737-748.
27. Grimm, K. J., Ram, N., & Estabrook, R. (2010). Nonlinear structured growth mixture models in M*plus* and OpenMx. *Multivariate Behavioral Research, 45,* 887-909.
28. Guyer, A. E., Choate, V. R., Grimm, K. J., Pine, D. S., & Keenan, K. (2011). Emerging depression is associated with face memory deficits in adolescent girls. *Journal of the American Academy of Child and Adolescent Psychiatry, 50,* 180-190.
29. Woods, C. M., & Grimm, K. J. (2011). Testing for nonuniform differential item functioning with multiple indicator multiple cause models. *Applied Psychological Measurement, 35,* 339-361.
30. Curby, T. W., Stuhlman, M., Grimm, K. J., Mashburn, A. J., Chomat-Mooney, L., Downer, J., Hamre, B. K., & Pianta, R. C. (2011). Within-day variability in the quality of classroom interactions during third and fifth grade: Implications for children's experiences and conducting classroom observations. *Elementary School Journal, 112,* 16-37.
31. Marceau, K., Ram, N., Houts, R. M., Grimm, K. J., & Susman, E. J. (2011). Individual differences in boys' and girls' timing and tempo or puberty: Modeling development with nonlinear growth models. *Developmental Psychology*, *47*, 1389-1409.
32. Grimm, K. J., Ram, N., & Hamagami, F. (2011). Nonlinear growth curves in developmental research. *Child Development*, *82*, 1357-1371.
33. *Song, H., Cai, H., Brown, J. D., & Grimm, K. J. (2011). Detecting and evaluating differential item functioning of the Rosenberg Self-Esteem Scale in the U.S. and China: Measurement bias matters. *Asian Journal of Social Psychology*, *14*, 176-188.
34. Downer, J. T., Lopez, M. L., Grimm, K. J., Hamagami, F., Pianta, R. C., & Howes, C. (2012). Observations of teacher-child interactions in classrooms serving Latinos and dual language learners: Applicability of the Classroom Assessment Scoring System in diverse settings. *Early Childhood Research Quarterly*, *27*, 21-32.
35. Grimm, K. J. (2012). Intercept centering and time coding in latent difference score models. *Structural Equation Modeling: A Multidisciplinary Journal*, *19*, 137-151.
36. Small, B. J., Dixon, R. A., McArdle, J. J., & Grimm, K. J. (2012). Do changes in lifestyle engagement moderate cognitive decline in normal aging? Evidence from the Victoria Longitudinal Study. *Neuropsychology*, *26*, 144-155.
37. Campbell, I. G., Grimm, K. J., de Brie, E., & Feinberg, I. (2012). Sex, puberty, and the timing of sleep EEG measured adolescent brain maturation. *Proceedings of the National Academy of Sciences*, *109*, 5740-5743.
38. Skibbe, L. E., Grimm, K. J., Bowles, R. P., & Morrison, F. J. (2012). Literacy growth in the academic year versus summer from preschool through second grade: Differential effects of schooling across four skills. *Scientific Study of Reading*, *16*, 141-165.

39. Grimm, K. J., An, Y., McArdle, J. J., Zonderman, A. B., & Resnick, S. M. (2012). Recent changes leading to subsequent changes: Extensions of multivariate latent difference score models. *Structural Equation Modeling: A Multidisciplinary Journal, 19,* 268-292.
40. Feinberg, I., Davis, N. M., de Brie, E., Grimm, K. J., & Campbell, I. G. (2012). The maturational trajectories of NREM and REM sleep durations differ across adolescence on both school-night and extended sleep. *American Journal of Physiology - Regulatory, Integrative and Comparative Physiology, 302,* R533-R540.
41. Estabrook, R., Grimm, K. J., & Bowles, R. P. (2012). A Monte Carlo Simulation study of the reliability of within-person variability. *Psychology & Aging*, *27*, 560-576.
42. MacNamara, M. M. C., Taylor, J. S., Grimm, K. J., Taylor, L. E., & Gottlieb, A. S. (2012). Using a professional organization, MomDocFamily, to understand the lives of physician-mothers. *Medicine & Health, 95*, 185-189.
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CHAPTERS

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COMMENTARIES

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BOOK/SOFTWARE REVIEWS

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SOFTWARE

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CONFERENCE SYMPOSIA, PAPERS, & POSTERS

INVITED LECTURE PRESENTATIONS

1. Grimm, K. J. (2010, October). School readiness factors and subsequent changes in reading and mathematics. *Homecoming Lecture at Gettysburg College*, Gettysburg, PA.
2. Grimm, K. J. (2011, January). *Longitudinal studies of changes in reading and mathematics*. University of Minnesota, Minneapolis, MN.
3. Grimm, K. J. (2013, February). *Explorations in the modeling of nonlinear change trajectories*. Arizona State University, Tempe, AZ.
4. Grimm, K. J. (2015, October). A latent change score approach to modeling individual rates of change: Promising results and unanswered questions. *Quantitative Developmental Seminar*, University Park, PA.
5. Grimm, K. J., & *Marcoulides, K. M. (2015, November). Data integration approaches to longitudinal growth modeling. *Quantitative Seminar*, University of Notre Dame, Notre Dame, IN.
6. Grimm, K. J., *Mazza, G., & *Davoudzadeh, P. (2016, March). Model selection in mixture models: A cross-validation approach. *Quantitative Seminar*, University of California, Santa Barbara, Santa Barbara, CA.
7. Grimm, K. J. (2016, August). Big data methods and psychology. Invited address at the *American Psychological Association Annual Convention*. Denver, CO.
8. Grimm, K. J., & Jacobucci, R. (2017, November). Reliable trees: A reliability informed approach to recursive partitioning. *Quantitative Seminar*, Vanderbilt University, Nashville, TN.
9. Grimm, K. J., *Stegmann, G., Jacobucci, R., & *Serang, S. (2018, March). Machine learning approaches to understanding differences in longitudinal change trajectories. Keynote address at the *6th Annual Meeting of the Texas Universities' Educational Statistics and Psychometrics Alliance*, College Station, TX.
10. Grimm, K. J., *Stegmann, G., Jacobucci, R., & *Serang, S. (2018, June). Machine learning approaches to understanding differences in change trajectories. Keynote address at the *14th Annual Mechanisms of Behavior Change Meeting,* San Diego, CA.
11. Grimm, K. J., *Fine, K., & *Stegmann, G. (2018, September). Accounting for standard errors of measurement in change modeling. *Developmental Methods*, Whitefish, MT.
12. Grimm, K. J., Jacobucci, R., *Stegmann, G., & Serang, S. (2018, October). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *Cattell Award Presentation, Society of Multivariate Experimental Psychology*, Albuquerque, NM.
13. Grimm, K. J., *Stegmann, G., Jacobucci, R., & *Serang, S. (2019, June). Machine learning approaches to studying individual changes. *Fetal Alcohol Spectrum Disorders Study Group,* Minneapolis, MN.

14. Grimm, K. J., Jacobucci, R., *Stegmann, G., & Serang, S. (2019, December). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *University of Southern California Departmental Colloquium*, Los Angeles, CA.
15. Grimm, K. J., Jacobucci, R., *Stegmann, G., & Serang, S. (2020, January). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *Utah State University Departmental Colloquium*, Logan, UT.
16. Grimm, K. J. (2022, December). Measurement invariance testing in item factor analysis. *University of Southern California's Quantitative Methods Series*, Los Angeles, CA.
17. Grimm, K. J., *Houpt, R., & Campbell, I. (2023, April). Growth modeling of survival processes. *Michigan State University's Human Development and Family Studies Methodology Colloquium*, East Lansing, MI.
18. Grimm, K. J. (2024, January). Modeling individual change processes & their determinants. *Department of Psychology Colloquium*, *Yale University*, New Haven, CT.
19. Grimm, K. J., & *Houpt, R (2025, March). Growth modeling of survival processes. Keynote lecture at the *11th Texas University Educational Statistics and Psychometrics Conference*, University Park, TX.
20. Grimm, K. J., & *Houpt, R (2025, April). Growth modeling of survival processes. *Quantitative Seminar, Department of Psychology, The University of Oklahoma*, Norman, OK.
21. Grimm, K. J., & *Houpt, R (2025, May). Growth modeling of survival processes. *Quantitative Seminar, Department of Psychology, University of California, Davis*, Davis, CA.

SYMPOSIA

1. Grimm, K. J. (2005, November). Independent and interdependent changes in intellectual capabilities throughout the lifespan. *The 58th Annual Scientific Meeting of the Gerontological Society of America*, New Orleans, LA.
2. Grimm, K. J. (2008, March). The examination of preschool effects from multiple lenses & perspectives. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
3. Hofer, S. M., & Grimm, K. J. (2009, August). Approaches for evaluating and optimizing measurement comparison across longitudinal studies. *2009 American Psychological Association Annual Convention*, Toronto, CA.
4. Grimm, K. J. (2012, February). Measurement issues in the study of change. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, Tampa, FL.
5. Grimm, K. J. (2013, April). Advances in nonlinear modeling of longitudinal data. *Society for Research in Child Development*, Seattle, WA.
6. Grimm, K. J., & DeBoeck, P. (2014, September). Advanced modeling of nonlinear developmental trajectories. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, San Diego, CA.
7. Grimm, K. J. (2015, August). Integrative data analysis with longitudinal studies – challenges, questions, and recommendations. *American Psychological Association Convention*, Toronto, ON, Canada.
8. Ram, N., & Grimm, K. J. (2017, April). Re-designing the study of development: Four new procedures for longitudinal measurement, study design, and analysis. *Society for Research in Child Development*, Austin, TX.

LECTURE PRESENTATIONS

1. McArdle, J. J., Grimm, K. J., Hamagami, F., & Ferrer, E. (2002, October). Modeling non-repeated measurements using longitudinal structural equations. *Annual Meeting of the Society of Multivariate Experimental Psychology*, University of Virginia, Charlottesville, VA.
2. McArdle, J. J., Grimm, K. J., Hamagami, F., & Ferrer, E. (2003, March). Modeling non-repeated measurement using contemporary modeling methods. *The Institute for Human Development working conference: The future of longitudinal studies: What we know; what we don't know; what we need to know*, University of California, Berkeley.
3. McArdle, J. J., Hamagami, F., Ferrer, E., & Grimm, K. J. (2003, May). Structural modeling of dynamic processes using incomplete longitudinal panel data. *Data Analytic Techniques for Dynamical Systems*, University of Notre Dame, South Bend, IN.
4. Grimm, K. J. (2003, September). Simulation studies of the accuracy of linear and nonlinear growth mixture models. *Annual Meeting of the Society of Multivariate Experimental Psychology Graduate Pre-conference*, Keystone, CO.
5. Grimm, K. J., McArdle, J. J., Hamagami, F., & Bowles, R. B. (2003, November). Modeling latent growth curves using longitudinal data with non-repeated measurements. *The 56th Annual Meeting of the Gerontological Society of America*, San Diego, CA.
6. Ram, N., Chow, S., Grimm, K. J., Fujita, F., & Nesselroade, J. R. (2004, June). Examining the dynamics of pleasant and unpleasant emotions using spectral analysis and the rating scale model. *International Meeting of the Psychometric Society*. Pacific Grove, CA.
7. Grimm, K. J., McArdle, J. J., & Hamagami, F. (2004, June). Growth mixture models of cognitive abilities in the Berkeley Studies. *The International Meeting of the Psychometric Society*, Pacific Grove, CA.
8. Grimm, K. J. (2004, November). Intraindividual variability in cognitive performance and mortality. *The 57th Annual Scientific Meeting of the Gerontological Society of America*, Washington, DC.
9. Grimm, K. J. (2005, November). The dynamics of cognition throughout the lifespan. *The 58th Annual Scientific Meeting of the Gerontological Society of America*, Orlando, FL.
10. McArdle, J. J., Grimm, K. J., & Hamagami, F. (2006, June). Life-span multi-level longitudinal modeling using infant predictors of cognitive changes in adulthood. *International Society for Infant Studies Meeting*, Kyoto, Japan.
11. Grimm, K. J. (2006, March). The impact of reading on mathematics achievement. *Society for Research on Adolescence Biennial Meeting*, San Francisco, CA.
12. Small, B. J., Dixon, R. A., McArdle, J. J., & Grimm, K. J. (2006, November). Lifestyle Activities and Changes in Cognitive Abilities. *The 59th Annual Scientific Meeting of the Gerontological Society of America*, Dallas, TX.
13. Estabrook, C. R., & Grimm, K. J. (2006, November). The reliability of variability: A simulation study of measures of individual variability. *The 59th Annual Scientific Meeting of the Gerontological Society of America*, Dallas, TX.
14. Dohrmann, K. R., Gartner, A., Lipsky, D.K., Grimm, K. J., & Nishida, T. K. (2007, March). High school outcomes for students previously in a public Montessori program. *Society for Research in Child Development Biennial Meeting*, Boston, MA.
15. Roorbach Jamison, K., Stanton-Chapman, T. L., & Grimm, K. J. (2008, March). Timing and chronicity of maternal depressive symptoms and cognitive development trajectories of children:

A longitudinal examination. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.

16. Mashburn, A. J., Curby, T. W., Pianta, R. C., Chomat-Mooney, L., Grimm, K. J., Downer, J., & Hamre, B. (2008, March). Efficient sampling of classroom-level processes. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
17. Henry, A. E., Grimm, K. J., & Pianta, R. C., (2008, March). The power of two: The impact of experiencing two years of high-quality classrooms. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
18. Grimm, K. J., & Pianta, R. C. (2008, March). Long-term effects of preschool quality on changes in children's achievement. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
19. Grimm, K. J., Curby, T. W., Pianta, R. C., Mashburn, A. J., Downer, J., Chomat-Mooney, L. & Hamre, B. (2008, March). Partitioning variance associated with classroom observations. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
20. Fitzpatrick, M., Grimm, K. J., Mashburn, A. J., & Pianta, R. (2008, March). Does expanding enrollment in public school pre-k programs improve the school level literacy skills of entering kindergarteners? *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
21. Curby, T. W., Cameron Ponitz, C., Rimm-Kaufman, S. E., & Grimm, K. J. (2008, March). Connecting classroom quality and reading achievement: The role of behavioral engagement in kindergarten. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
22. Downer, J., Chomat-Mooney, L., Pianta, R. C., Grimm, K. J., Mashburn, A. J., Curby, T. W., Hamre, B. & Rimm-Kaufman, S. (2008, March). Concurrent and predictive validity of classroom observations and other setting-level measures. *The 2008 American Educational Research Association Annual Meeting*, New York, NY.
23. Skibbe, L. E., Grimm, K. J., & Morrison, F. J. (2008, July). Academic versus Summer Literacy Development: Evidence for Differential Effects of Instruction on Children's Literacy Achievements. *Fifteenth Annual Meeting - Society for the Scientific Study of Reading*, Asheville, NC.
24. Skibbe, L. E., Grimm, K. J., Bowles, R. P., & Morrison, F. J. (2009, April). Literacy growth in the academic year and summer from preschool to second grade: Differential schooling effects across four skills. *Society for Research in Child Development Biennial Meeting*, Denver, CO.
25. Grimm, K. J., Vandergrift, N., Burchinal, M., Mashburn, A. J., & Pianta, R. C. (2009, April). Long-term associations of preschool quality on changes in children's achievement. *Society for Research in Child Development Biennial Meeting*, Denver, CO.
26. Grimm, K. J., Vandergrift, N., Burchinal, M., Mashburn, A. J., & Pianta, R. C. (2009, August). A mega-analytic approach to studying longitudinal effects of preschool quality. *American Psychological Association Annual Convention*, Toronto, CA.
27. Chen, W., Grimm, K., Grissmer, D. W., Gregory, A. (2010, April). Fine motor skills as a mediator of the relationship between early parent-child interactions and math at kindergarten entry. *Conference on Human Development*, New York, NY.
28. Woods, C. M., & Grimm, K. J. (2010, July). Identification of nonuniform differential item functioning using multiple indicator multiple cause models. *International Meeting of the Psychometric Society*, Athens, GA.

29. Grimm, K. J., & Widaman, K. F. (2010, July). Approaches and data needs for cross-study co-calibration of cognitive abilities. *Integrative Analysis of Longitudinal Studies of Aging*, Victoria, Canada.
30. Grimm, K. J., Ram, N., Estabrook, C. R. (2010, November). Nonlinear structured growth mixture models. *A California Consortium of Quantitative Research & Education*, Davis, CA.
31. Grimm, K. J., & Estabrook, C. R. (2011, April). Nonlinear structured growth mixture models for longitudinal panel data. *Society for Research in Child Development Biennial Meeting*, Montreal, Canada.
32. Guyer, A., Choate, V., Klostermann, S., Grimm, K. J., Pine, D., & Keenan, K. (2011, June). Facial emotion recognition and depression in preadolescent girls. *15th Biennial Meeting of the International Society for Research on Child and Adolescent Psychopathology*, Chicago, IL.
33. Widaman, K. F., Grimm, K. J., & *Helm, J. (2012, February). Factorial invariance in longitudinal investigations: Accurately charting growth over time. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, Tampa, FL.
34. Grimm, K. J., *Kuhl, A., & Zhang, Z. (2012, February). Measurement model effects on studying change. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, Tampa, FL.
35. *Castro-Schilo, L., Widaman, K. F., & Grimm, K. J. (2012, July). Neglect the structure of multitrait-multimethod data at your peril: Implications for associations with external variables. *The 77th Annual Conference of the Psychometric Society,* Lincoln, NE.
36. *Castro-Schilo, L., Widaman, K. F., & Grimm, K. J. (2012, August). Neglecting the structure of multitrait-multimethod data: Biases of traits with external variables. *The 120th Annual Convention of the American Psychological Association,* Orlando, FL.
37. *Castro-Schilo, L., Widaman, K. F., & Grimm, K. J. (2012, August). Implications for ignoring multitrait-multimethod data structures: Trait-relations with external variables. *The 9th Annual Conference of the Quantitative Training for Underrepresented Groups,* Orlando, FL.
38. *Castro-Schilo, L., Grimm, K.J., & Widaman, K. F. (2012, October). Uncrossing the correlated trait-correlated method model. Paper to be presented at the *10th Annual Society of Multivariate Experimental Psychology Graduate Student Pre-conference,* Vancouver, BC.
39. Zhang, Z., & Grimm, K. J. (2013, April). A random-coefficient latent change score model for nonlinear growth data. *Society for Research in Child Development*, Seattle, WA.
40. Grissmer, D., & Grimm, K. J. (2013, September). Review of the non-experimental evidence from developmental and cognitive psychological, education science and neuroscience that provided the impetus for the development of the intervention. *The Society for Research on Educational Effectiveness Fall Conference*, Washington, DC.
41. Suchodoletz, A., Grimm, K. J., Grissmer, D., & Ko, M. (2013, September). Latent profile analysis using the ECLS-K of four early cognitive foundational skills and implications of the distributions on growth trajectories through 8th Grade. *The Society for Research on Educational Effectiveness Fall Conference*, Washington, DC.
42. Cameron, C., Grimm, K. J., *Steele, J. S., & *Castro-Schilo, L. (2013, September). Nonlinear Gompertz curve models of achievement gaps. *The Society for Research on Educational Effectiveness Fall Conference*, Washington, DC.
43. *Castro-Schilo, L., Grimm, K. J., & Widaman, K. F. (2014, May). Uncrossing the correlated trait-correlated method model for multitrait-multimethod data. *Modern Modeling Methods Conference*, Storrs, CT.

44. *Castro-Schilo, L., Widaman, K. F., & Grimm, K. J. (2014, May). Neglect the structure of multitrait-multimethod data at your peril: Implications for associations with external variables. *Modern Modeling Methods Conference*, Storrs, CT.
45. *Castro-Schilo, L., Grimm, K. J., & Widaman, K. F. (2014, September). The uncrossed correlated trait-correlated method model: A novel approach with implication for longitudinal MTMM investigations. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, San Diego, CA.
46. Grimm, K. J., Pianta, R. P., & Konold, T. (2014, September). Longitudinal multitrait-multimethod models for developmental research. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, San Diego, CA.
47. *Castro-Schilo, L., Gates, K., Grimm, K. J., & *Helm, J. (2014, September). Autoregressive latent change model: A new tool for idiographic analysis. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, San Diego, CA.
48. *Helm, J. L., & Grimm, K. J. (2014, September). Higher order Taylor polynomial methods to estimate nonlinear mixed effects models for longitudinal panel data. *Society for Research in Child Development Themed Meeting: Developmental Methodology*, San Diego, CA.
49. Gayles, J. G., Dorn, L. D., Beal, S., Susman, E. J., Grimm, K. J., & Schulenberg, J. E. (2015, March). Depressive symptoms as a consequence of smoking in adolescent girls: Contribution of stress hormones. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA.
50. Graf Estes, K. M., Chen-Wu Gluck, S., & Grimm, K. J. (2015, March). Finding patterns and learning words: Infant phonotactic knowledge is associated with vocabulary size. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA.
51. *Marcoulides, K. M., & Grimm, K. J. (2015, March). Individual change and the onset of significant life events: Methods, models, and assumptions. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA.
52. Van Dorn, R. A., Grimm, K. J., Desmarais, S. L., Tueller, S. J., Johnson, K. L., & Swartz, M. S. (2015, March). Cross-lagged relationships between violent behaviors, substance use, and psychiatric symptoms. *American Psychology-Law Society Annual Conference*, San Diego, CA.
53. Johnson, K. L., Desmarais, S. L., Tueller, S. J., Grimm, K. J., Swartz, M. S., & Van Dorn, R. A. (2015, March). Longitudinal typologies of violence and victimization: A latent transition analysis. *American Psychology-Law Society Annual Conference*, San Diego, CA.
54. Tueller, S. J., Grimm, K. J., Sellers, B. G., Desmarais, S. L., Swartz, M. S., & Van Dorn, R. A. (2015, March). The latent structure of psychiatric symptoms: Implications of sample size and distributional assumptions. *American Psychology-Law Society Annual Conference*, San Diego, CA.
55. Desmarais, S. L., Johnson, K. L., Douglas, K. S., Grimm, K. J., Tueller, S. J., Swartz, M. S., & Van Dorn, R. A. (2015, March). Latent class analysis of violence, victimization, and suicide. *American Psychology-Law Society Annual Conference*, San Diego, CA.
56. *Marcoulides, K. M., & Grimm, K. J. (2015, July). Data integration methods and implementing IRT models for test linking: When multiple versions of a measurement tool have been administered for longitudinal child assessment. *International Meeting of the Psychometric Society*, Beijing, China.
57. Van Dorn, R. A., Desmarais, S. L., Grimm, K. J., Tueller, S. J., Sellers, B., & Swartz, M. S., (2015, August). The integration of psychiatric symptom data for adults with mental illness. *American Psychological Association Convention*, Toronto, ON, Canada.

58. Grimm, K. J. (2015, August). The importance of time metric selection in the analysis of change. *American Psychological Association Convention*, Toronto, ON, Canada.
59. Arpawong, T. E., McArdle, J. J., Grimm, K. J., & Prescott, C. A. (2015, October). Relation of early health measures to lifetime trajectories of cognitive abilities. *The Society for the Study of Human Development's 9th Biennial Scientific Meeting*, Austin, TX.
60. *Gonzalez, O., Grimm, K. J., *O'Rourke, H., & *Wurpts, I. (2016, May). Analyzing Monte Carlo simulations with data mining approaches. *Sixth Annual Modern Modeling Methods Conference*. Storrs, CT.
61. *Marcoulides, K. M., & Grimm, K. J. (2016, July). A Bayesian approach to data fusion. *International Meeting of the Psychometric Society*. Ashville, NC.
62. Jacobucci, R., Grimm, K. J., & McArdle, J. J. (2016, July). Comparison or frequentist and Bayesian regularization in structural equation modeling. *International Meeting of the Psychometric Society*. Ashville, NC.
63. Grimm, K. J., *Mazza, G., & *Davoudzadeh, P. (2016, August). Cross-validation of finite mixture modeling solutions. *American Psychological Association Annual Convention*. Denver, CO.
64. Grimm, K. J., *O'Rourke, H., & Helm, J. (2017, April). Return of the bivariate growth model: Separating within and between-person effects in longitudinal panel data. *Society for Research in Child Development Biennial Meeting*, Austin, TX.
65. Grimm, K. J. (2017, August). Learning statistics through scale development and validation. *American Psychological Association Convention*, Washington, DC.
66. *Stegmann, G., Jacobucci, R., *Serang, S., & Grimm, K. J. (2018, July). Identifying divergent nonlinear growth trajectories using recursive partitioning. *International Meeting of Psychometric Society*. New York, NY.
67. *Stegmann, G., Jacobucci, R., *Serang, S., & Grimm, K. J. (2018, August). Using data mining to find heterogeneous nonlinear change trajectories. *126th American Psychological Association Annual Convention*, San Francisco, CA.
68. Weizel, A., Middleton, J. A., Zhang, X., Grimm, K. J., & Jansen, A. (2019, July). Interest and emotion predictors of motivation in secondary mathematics classrooms. *43rd Annual Meeting of the International Group for the Psychology of Mathematics Education*, Pretoria, South Africa.
69. McNeish, D., Dumas, D., & Grimm, K. J. (2019, October). Estimating new quantities from longitudinal test scores to improve forecasts of future performance. *Society of Multivariate Experimental Psychology Annual Meeting*, Baltimore, MD.
70. Rodgers, D., Jacobucci, R., & Grimm, K. J. (2020, July). Missing data in machine learning: Implementing multiple imputation in CART. *International Meeting of the Psychometric Society*. College Park, MD.
71. Ni, Y. A., & Grimm, K. J. (2024, May). Missing data handling in lasso regression. *Association for Psychological Science Annual Convention*. San Francisco, CA.
72. Grimm, K. J., & *Houpt, R (2024, October). Growth modeling of survival processes. *Annual Meeting of the Society of Multivariate Experimental Psychology*. Ithaca, NY.

POSTER PRESENTATIONS

1. Bowles, R. P., Schmidt, K. M., Kline, T. L., & Grimm, K. J. (2003, April). *Ben Wright, Rasch measurement, and cognitive psychology. A Festschrift in honor of Ben Wright*, Chicago, IL.

2. Grimm, K. J., Huang, W., & Berry, J. (2004, April). The structure of intelligence in adulthood: A confirmatory factor analysis. *Cognitive Aging Conference*, Atlanta, GA.
3. Grimm, K. J. & McArdle, J. J. (2004, April). Life-span development of memory span using nonrepeated measurements. *Cognitive Aging Conference*, Atlanta, GA
4. Nishida, T. K., Grimm, K. J., & Pianta, R. P. (2005, October). Investigating a reciprocal relationship between academic and social competence. *Cognitive Development Society Meeting*, San Diego, CA.
5. Skibbe, L. E., Grimm, K. J., Stanton-Chapman, T. L., Justice, L. M., Pence, K. L., & Bowles, R. P., (2006, June). The reading trajectories of children with language impairment from preschool to fifth grade: A prospective study of the forecast for school. *Annual Meeting of the IES National Research Conference*, Washington, DC.
6. Skibbe, L. E., Grimm, K. J., Stanton-Chapman, T. L., Justice, L. M., Pence, K. L., & Bowles, R. P., (2007, March). The reading trajectories of children with language impairment from preschool to fifth grade. *Society for Research in Child Development Biennial Meeting*, Boston, MA.
7. Grimm, K. J. (2007, March). Developmental links between achievement and depression. *Society for Research in Child Development Biennial Meeting*, Boston, MA.
8. Henry, A. E., Grimm, K. J., & Pianta, R. C. (2007, June). Effect of consistent preschool and kindergarten classroom quality on child outcomes. *2007 Institute of Education Sciences Research Conference*, Washington, DC.
9. Curby, T., & Grimm, K. J. (2007, June). Stability and change in classroom quality across a half-day in pre-kindergarten. *2007 Institute of Education Sciences Research Conference*, Washington, DC.
10. Henry, A., Mashburn, A. J., Grimm, K. J., & Pianta, R. C. (2008, March). Identifying thresholds of preschool quality that maximize children's development. *First Annual Society for Research on Educational Effectiveness,* Washington, DC.
11. Small, B. J., Dixon, R. A., McArdle, J. J., & Grimm, K. J. (2008, April). Changes in lifestyle activities in relation to changes in cognitive abilities: Evidence from the Victoria Longitudinal Study. *Cognitive Aging Conference*, Atlanta, GA.
12. Bowles, R. P., Grimm, K. J., & Hunter, M. (2008, April). Item-specific retest effects and the measurement of longitudinal change. *Cognitive Aging Conference*, Atlanta, GA.
13. Chen, W., Grimm, K., Grissmer, D. W., Gregory, A. (2010, June). Fine motor skills as a mediator of the relationship between parent-child interactions and child cognitive ability. *Annual Meeting of the Institute of Education Sciences*, National Harbor, MD.
14. *Castro-Schilo, L., Widaman, K. F., Grimm, K. J. (2012, August). Neglecting the structure of multitrait-multimethod data: Biases of traits with external variables. Poster presented at *The 120th Annual Convention of the American Psychological Association*, Orlando, FL.
15. Hollis, N., Conger, K., Grimm, K. J., Timmer, S., Guyer, A., Nishina, A., & Urquiza, A. (2013, April). Breaking the cycle: Child maltreatment, child externalizing behavior, and maternal depressive symptoms. *Society for Research in Child Development*, Seattle, WA.
16. Beal, S., Grimm, K. J., & Dorn, L. (2013, April). Trajectories of sleep chronotype and physical activity in adolescent girls: The crucial role of menarche. *Society for Research in Child Development*, Seattle, WA.
17. *Davoudzadeh, P., *McTernan, M., & Grimm, K. J. (2013, April). Surviving the curriculum: Predictors of grade retention K-8. *Society for Research in Child Development*, Seattle, WA.

18. *Damian, R., Robins, R., Simonton, D. K., & Grimm, K. J. (2013, June). Fame, narcissism, and creativity in eminent writer. *Biennial Meeting of the Association for Research in Personality*. Charlotte, NC.
19. Desa, D., Woods, C., & Grimm, K. J. (2013, July). Bayesian nonlinear mixed model for IRT DIF detection. *International Meeting of the Psychometric Society*, Amhem, The Netherlands.
20. *Davoudzadeh, P., Grimm, K. J., Widaman, K. F., Tueller, S., Desmarais, S., & Van Dorn, R. (2014, May). A note on the estimation of factor scores from multiple group item response models: Implications for integrative data analysis & potential solutions. *Modern Modeling Methods Conference*, Storrs, CT.
21. *Merritt, A. R., Chen, Z., & Grimm, K. J. (2014, May). Building links between early socioeconomic status, cognitive ability, and STEM achievement. *American Psychological Society Annual Convention*, San Francisco, CA.
22. Chopik, W. J., Edelstein, R. S., & Grimm, K. J. (2015, February). Changes in attachment orientation over a 53-year period: Determinants of change and implications for health. Poster to be presented at the annual meeting of the Society for Personality and Social Psychology, Long Beach, CA.
23. *Davoudzadeh, P., *McTernan, M. L., & Grimm, K. J. (2014, November). Early predictors of grade retention from kindergarten through eighth grade: A multilevel discrete-time survival analysis approach. Poster presented at *Advances in Multilevel Modeling for Educational Research Conference,* College Park, MD.
24. Hollis, N. D., Conger, K. J., Grimm, K. J., Timmer, S. G., Guyer, A. E., Nishina, A., & Urquiza, A. J. (2015, March). How parent-child interaction therapy reduces maltreatment risk for children: The role of maternal depressive symptoms. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA.
25. *Davoudzadeh, P. Sorensen, K. S., Chung, J. M., Grimm, K. J., & Robins, R. W. (2016, January). Using multidimensional item response models and differential item functioning to evaluate the authentic and hubristic pride scale. *The Society for Personality and Social Psychology Annual Convention*, San Diego, CA.
26. *Mazza, G. L., Enders, C. K., & Grimm, K. J. (2016, May). Probing moderated effects in multilevel models. *Association for Psychological Science Annual Convention*, Chicago, IL.
27. *Marcoulides, K. M., & Grimm, K. J. (2016, May). Research synthesis approaches to longitudinal growth modeling. *Association for Psychological Science Annual Convention*, Chicago, IL.
28. *Gunn, H., & Grimm, K. J. (2016, May). Comparison of five approaches that analyze measurement invariance in multilevel data with a level-1 grouping variable. *Association for Psychological Science Annual Convention*, Chicago, IL.
29. Feinberg, I., Burright, C. S., Kraus, A. M., Grimm, K. J., & Campbell, I. G. (2016, June). Longitudinal study of the effects of sleep duration and age on daytime sleepiness in early adolescence: First year results. *Sleep Meeting*, Denver, CO.
30. *O'Rourke, H., & Grimm, K. J. (2016, September). Moderators of change in latent difference score models. *Developmental Methods Conference*. Whitefish, MT.
31. *Gunn, H., & Grimm, K. J. (2017, May). Examining multiple approaches to evaluating measurement invariance with multilevel data and a level-1 grouping variable. *7th Annual Modern Modeling Methods (M3) Conference*, Storrs, CT.
32. *Gunn, H., & Grimm, K. J. (2018, July). New effect size measure to detect measurement non-invariance. *International Meeting of Psychometric Society*. New York, NY.

33. *Sladek, M. R., Doane, L. D., Luecken, L. J., Gonzales, N. A., & Grimm, K. J. (2020, March). *Cultural Match or Mismatch? Latinx College Students' Cortisol and Affective Responses to Psychosocial Stress*. *Biennial Meeting of the Society for Research on* Adolescence, San Diego, CA.
34. Grimm, K. J., *Fine, K., & *Stegmann, G. (2020, March). Accounting for differential measurement error when modeling change. *Biennial Meeting of the Society for Research on Adolescence*, San Diego, CA.
35. Blais, R.K., Holliday, R., Hoffmire, C., Grimm, K.J., Vannini, M.B.N, Duby, N.D., & Monteith, L. (2025, August). Higher perceived stigma and self-stigma for military sexual Trauma (MST) exposure: Associations with suicidal thoughts and behaviors*. Annual Military Health System Research Symposium*, Kissimmee, FL.

TEACHING EXPERIENCE

WORKSHOP TEACHING

December, 2024	Instructor	*Survival Analysis for Social and Health Science*, Instats, Remote Workshop
October, 2024	Instructor	*Growth Modeling with SEM*, Instats, Remote Workshop
September, 2024	Instructor	*Prediction Modeling with Categorical Outcomes*, Statistical Horizons, Remote Workshop
June, 2024	Instructor	*Prediction Modeling*, Statistical Horizons, Remote Workshop
May, 2024	Instructor	*Factor Analysis and Measurement Invariance with Categorical Data in R,* Instats, Remote Workshop
May, 2024	Instructor	*Factor Analysis and Measurement Invariance with Categorical Data in Mplus,* Instats, Remote Workshop
December, 2023	Instructor	*Machine Learning for Social and Health Research with R*, Instats, Remote Workshop
October, 2023	Instructor	*Power Analysis*, Center for Social and Behavioral Science, University of Illinois
May, 2023	Instructor	*Machine Learning*, Statistical Horizons, Remote Workshop.
March, 2023	Instructor	*Structural Equation Modeling with Categorical Outcomes*, Statistical Horizons, Remote Workshop.
December, 2022	Instructor	*Machine Learning*, Statistical Horizons, Remote Workshop.
June, 2022	Instructor	*Categorical Structural Equation Modeling*, Statistical Horizons, Remote Workshop.

May, 2022	Instructor	*Machine Learning*, Statistical Horizons, Remote Workshop.
November, 2021	Instructor	*Categorical Structural Equation Modeling*, Statistical Horizons, Remote Workshop.
June, 2021	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Analysis of Intensive Longitudinal Data: Experience Sampling and Ecological Momentary Assessment*. Remote Workshop.
June, 2021	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Remote Workshop.
May, 2021	Instructor	*Categorical Structural Equation Modeling*, Statistical Horizons, Remote Workshop.
January, 2021	Instructor	*Machine Learning*, Statistical Horizons, Remote Workshop.
August, 2020	Instructor	*Machine Learning*, Statistical Horizons, Remote Workshop.
June, 2020	Instructor	*Machine Learning*, Statistical Horizons, Remote Workshop.
June, 2020	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Analysis of Intensive Longitudinal Data: Experience Sampling and Ecological Momentary Assessment*. Remote Workshop.
June, 2020	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Remote Workshop.
January, 2020	Instructor	*Machine Learning*, Statistical Horizons, Fort Myers, FL
August, 2019	Instructor	*Machine Learning*, Bristol-Myers Squibb, Princeton, NJ
June, 2019	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Analysis of Intensive Longitudinal Data: Experience Sampling and Ecological Momentary Assessment*. Arizona State University, Tempe, AZ.
May, 2019	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ.
March, 2019	Instructor	*Machine Learning*, Bristol-Myers Squibb, Princeton, NJ

November, 2018	Instructor	*Machine Learning*, Statistical Horizons, Chicago, IL
June, 2018	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Big Data: Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ.
May, 2018	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ.
April, 2018	Instructor	Machine Learning, Statistical Horizons, Philadelphia, PA
August, 2017	Lead Instructor	*Data Mining with SEARCH Strategies*. University of Michigan, Ann Arbor, MI.
June, 2017	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Big Data: Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ.
May, 2017	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ.
January, 2017	Lead Instructor	*Longitudinal Growth Modeling: Multilevel and Structural Equation Modeling Approaches*. Stats Camp, Anaheim, CA.
September, 2016	Lead Instructor	*Introduction to Linear Growth Modeling and its Extensions*, Developmental Methods Conference, Whitefish, MT.
September, 2016	Lead Instructor	*Introduction to Nonlinearity in Growth Models*, Developmental Methods Conference, Whitefish, MT.
August, 2016	Lead Instructor	*Data Mining with SEARCH Strategies*. University of Michigan, Ann Arbor, MI.
June, 2016	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Big Data: Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ.
May, 2016	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ.
December, 2015	Lead Instructor	*Survival Analysis*. Centers for Disease Control and Prevention, Atlanta, GA.
June, 2015	Lead Instructor	*Introduction to Structural Equation Modeling with Incomplete Data*. Colorado State University, Fort Collins, CO.

June, 2015	Instructor	*Data Mining with SEARCH Strategies*. University of Michigan, Ann Arbor, MI.
June, 2015	Instructor	American Psychological Association Advanced Training Institute. *Big Data: Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ.
May, 2015	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ.
January, 2015	Lead Instructor	*Introduction to SEM and Growth Curve Modeling*. Centers for Disease Control and Prevention, Atlanta, GA.
September, 2014	Lead Instructor	*Growth Curve Modeling Workshop: Articulating Developmental Change with Simple and Complex Growth Models*. Society for Research in Child Development Themed Meeting: Developmental Methodology, San Diego, CA.
June, 2014	Instructor	American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. University of California, Davis, CA.
May, 2014	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of California, Davis, CA.
June, 2013	Instructor	American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. University of California, Davis, CA.
May, 2013	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of California, Davis, CA.
August, 2012	Director/Lead Instructor	Longitudinal Research Institute. *Structural Equation Modeling*. University of California, Davis, CA.
June, 2012	Instructor	American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. University of California, Davis, CA.
May, 2012	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of California, Davis, CA.
February, 2012	Lead Instructor	*Growth Curve Modeling*. Society for Research in Child Development Themed Meeting: Developmental Methodology, Tampa, FL.
August, 2011	Lead Instructor	*Introduction to Longitudinal Data Analysis*. University of North Carolina, Greensboro, NC.

August, 2011	Director/Lead Instructor	Longitudinal Research Institute. *Advanced Longitudinal Data Analysis*. University of California, Davis, CA.
July, 2011	Lead Instructor	*Incomplete Data Analysis & Latent Class Analysis*. University of Miami, Coral Gables, FL.
June, 2011	Instructor	American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. University of California, Davis, CA.
June, 2011	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of California, Davis, CA.
February, 2011	Lead Instructor	*Modeling Change Across Time*. University of Miami, Coral Gables, FL.
August, 2010	Director/Lead Instructor	Longitudinal Research Institute. *Advanced Longitudinal Data Analysis*. University of California, Davis, CA.
July, 2010	Lead Instructor	*Advances in Longitudinal Data Analysis*. University of North Carolina, Greensboro NC.
June, 2010	Instructor	American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. University of Southern California, Los Angeles, CA.
May, 2010	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Virginia, Charlottesville, VA.
August, 2009	Lead Instructor	*Power Analysis in Multilevel and Structural Equation Models*. Curry School of Education, University of Virginia, Charlottesville, VA.
July, 2009	Instructor	American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. University of Southern California, Los Angeles, CA.
June, 2009	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Virginia, Charlottesville, VA.
May, 2009	Director/Lead Instructor	Longitudinal Research Institute. *Structural Equation Modeling in Longitudinal Research*. University of California, Davis, CA.
May, 2009	Lead Instructor	*Latent Change, Class, & Transition Analysis in* M*plus*. University of North Carolina, Greensboro, NC.
June, 2008	Lead Instructor	*Modeling Change over Two Occasions*. University of North Carolina, Greensboro, NC.

June, 2008	Director/Lead Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Virginia, Charlottesville, VA.
June, 2008	Lead Instructor	*Multivariate Change Models*. Curry School of Education, University of Virginia, Charlottesville, VA.
November, 2007	Lead Instructor	*Growth Modeling Techniques in* M*plus*. University of North Carolina, Greensboro, NC.
June, 2007	Instructor	Longitudinal Research Institute. *Structural Equation Modeling in Longitudinal Research*. University of Southern California, Los Angeles, CA.
May, 2007	Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Virginia, Charlottesville, VA.
August, 2006	Instructor	Institute of Education Sciences. *Longitudinal Structural Equation Modeling in Educational Research*. University of Virginia, Charlottesville, VA.
June, 2006	Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Virginia, Charlottesville, VA.
June, 2005	Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Virginia, Charlottesville, VA.
June, 2005	Instructor	Longitudinal Research Institute. *Structural Equation Modeling in Longitudinal Research*. University of Southern California, Los Angeles, CA.
August, 2004	Instructor	American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. University of Hawaii, Honolulu, HI.
May, 2004	Instructor	Longitudinal Research Institute. *Structural Equation Modeling in Longitudinal Research*. University of Michigan, Ann Arbor, MI.
June, 2003	Instructor	American Psychological Association Advanced Training Institute. *Longitudinal Methods, Measurement, and Models*. University of Virginia, Charlottesville, VA.
June, 2003	Instructor	Longitudinal Research Institute. *Longitudinal Methods, Measurement, and Models*. University of Virginia, Charlottesville, VA.

CLASSROOM TEACHING

2014-present	Instructor	Department of Psychology, Arizona State University *Intermediate Statistics* *Structural Equation Modeling* *Longitudinal Growth Modeling* *Machine Learning in Psychology* *Data Mining in Psychology* *Advanced Categorical Data Analysis*
2007-2014	Instructor	Department of Psychology, University of California, Davis *Applied Psychometrics* *Item Response Theory* *Statistical Analysis of Psychological Data* *Structural Equation Modeling*
2007	Co-Instructor	Curry School of Education, University of Virginia *Research Design in the Education Sciences*
2005	Teaching Assistant	Department of Psychology, University of Virginia *Design and Data Analysis II*
2003-2005	Guest Lecturer	Department of Psychology, University of Virginia *Latent Growth Curve Modeling* *Growth Mixture Modeling* *Two-Occasion Repeated Measures* *Mixture Modeling*
2001	HS Teacher	East Meadow High School, East Meadow, NY *Math A* *Sequential 2X*
2000	Student Teacher	Gettysburg High School, Gettysburg, PA *Geometry & Trigonometry* *Calculus*
1997-2000	Teaching Assistant	Department of Mathematics, Gettysburg College *Calculus I* *Quantitative Methods*

FORMER AND CURRENT DOCTORAL STUDENTS

Joel Steele, Ph.D. (2011; University of California, Davis; Co-mentored with Emilio Ferrer)
Assistant Professor, Department of Psychology, Portland State University
Associate Professor, Department of Psychology, Portland State University
Associate Professor, Indigenous Health, University of North Dakota

Laura Castro-Schilo, Ph.D. (2013; University of California, Davis; Co-mentored with Keith Widaman)
Assistant Professor, University of North Carolina, Chapel Hill
Research Statistician, SAS
Senior Research Statistician Tester, SAS
Senior Associate Research Statistician Developer, SAS
Research Statistician Developer, SAS
Senior Research Statistician Developer, SAS

Jonathan Helm (2014; University of California, Davis; Co-mentored with Emilio Ferrer)
Post-doctoral Researcher, University of California, Davis
Post-doctoral Researcher, The Pennsylvania State University
Assistant Professor, Department of Psychology, San Diego State University
Associate Professor, Department of Psychology, San Diego State University

Pega Davoudzadeh (2016; University of California, Davis)
Post-doctoral Researcher, University of California, Davis
People Data Researcher, Yahoo!
People Research Scientist, Facebook
Senior Researcher, Atlassian

Holly O'Rourke, Ph.D. (2016, Arizona State University; Co-mentored with David MacKinnon)
T32 Postdoctoral Researcher, REACH Institute, Arizona State University
Assistant Professor, Sanford School of Social and Family Dynamics, Arizona State University
Associate Professor, Department of Psychology, University of California, Riverside

Katerina Marcoulides (2017; Arizona State University)
Assistant Professor, College of Education, University of Florida
Assistant Professor, Department of Psychology, University of Minnesota
Associate Professor, Department of Psychology, University of Minnesota

Gina Mazza (2018; Arizona State University)
Research Associate, Division of Biomedical Statistics & Informatics, Mayo Clinic
Associate Consultant I, Division of Biomedical Statistics & Informatics, Mayo Clinic
Senior Associate Consultant I-Research/Assistant Professor of Biostatistics, Division of Clinical Trials and Biostatistics, Department of Quantitative Health Sciences, Mayo Clinic

Heather Gunn (2019; Arizona State University)
Postdoctoral Fellow, University of California, Los Angeles
Research Associate, Division of Biomedical Statistics & Informatics, Mayo Clinic
Associate Consultant I, Division of Biomedical Statistics & Informatics, Mayo Clinic
Senior Associate Consultant I-Research/Assistant Professor of Biostatistics, Division of Clinical Trials and Biostatistics, Department of Quantitative Health Sciences, Mayo Clinic

Gabriela Stegmann (2019, Arizona State University)
Data Scientist, Aural Analytics
Biostatistician, Caris Life Sciences
Data Scientist, Aural Analytics
Senior Data Scientist, McGraw Hill

Kimberly Ward (2019, Arizona State University)
Postdoctoral Fellow, Indiana University
Principal Statistician, Medtronics

Danielle Manapat (2023; Arizona State University)
Data Analyst, Arizona Department of Health Services
Adjunct Professor, Department of Psychology, University of Oklahoma
Assistant Professor, Department of Psychology, University of Oklahoma

Yibin (Amanda) Ni (2024, Arizona State University)
Machine learning engineer, HMH

Russell Houpt (6th year graduate student; Arizona State University)

Maggie Cleaver (3rd year graduate student; Arizona State University)

Sarah Johnson (3rd year graduate student; Arizona State University)

Keane Hauck (1st year graduate student; Arizona State University)

PROFESSIONAL ACTIVITIES

2017-2020	Coordinating Officer	*Society of Multivariate Experimental Psychology*
2018-present	Editorial Board	*Multivariate Behavioral Research*
2015	Program Chair	American Psychological Association Convention - Division 5
2012-2019	Associate Editor	*Structural Equation Modeling: A Multidisciplinary Journal*
2011-present	Editorial Board	*Psychological Methods*
2002-2005	Research Assistant	Center for Behavioral Medicine, University of Virginia

CONSULTING

2025-present	Associations of Spirituality and Craving among Individuals in Substance Use Disorder Treatment: A Latent Change Score Modeling Approach. Jill Rabinowitz (PI). Rutgers University.
2018-present	Predicting Risk for Adverse Outcomes in Dementia Caregivers. Robert Levenson (PI). University of California.
2010-2012	Early Learning Project Coordinator, Office of Early Learning, Agency for Workforce Innovation, State of Florida.
2007-2014	Research Investigating Growth and Health Trajectories. Susan Calkins, Susan Keane, & Marion O'Brien (PIs). University of North Carolina, Greensboro.
2006-2009	National Collegiate Athletic Association. Study of College Outcomes and Recent Experiences.
2004-2006	National Center for Posttraumatic Stress Disorder, Daniel King, Ph.D. Boston University, Boston, MA.
2004	Northwestern Juvenile Project, Linda Teplin, Ph.D., Psycho-Legal Studies Program, Feinberg School of Medicine, Northwestern University, Chicago, IL.
2004	Marriage Matters, Steven Nock, Ph.D., Sociology Department, University of Virginia, Charlottesville, VA.

2004	Hormonal influences on human sexually-dimorphic behavior, Sheri Berenbaum, Ph.D., Department of Psychology, The Pennsylvania State University, University Park, PA.
2004	High school outcomes for students in a public Montessori program, Kathryn R. Dohrmann, Ph.D., Department of Psychology, Lake Forest College, Milwaukee, WI.

ADVANCED TRAINING

Muthén & Muthén. (March, 2005). *Workshop on Multilevel Models in Mplus*. Johns Hopkins University, Baltimore, MD.

Educational Testing Service (August, 2004). Princeton, NJ.

Summer Institute on Longitudinal Methods (May, 2004). *Analyzing Developmental Trajectories*. Penn State University, State College, PA.

Summer Institute on Longitudinal Methods (May, 2003). *Applied Longitudinal Data Analysis: Modeling Change and Event Occurrence*. Penn State University, State College, PA.

Joint Statistical Meetings (August, 2002). *Longitudinal Categorical Data Analysis*. New York, NY.

Joint Statistical Meetings (August, 2002). *Latent Class and Mixture Modeling.* New York, NY.

Longitudinal Research Institute. (June, 2002). *Longitudinal Methods, Measurement, and Models*. University of Virginia, Charlottesville, VA.

American Psychological Association Advanced Training Institute. (June, 2002). *Longitudinal Methods, Measurement and Models*. University of Virginia, Charlottesville, VA.

PROFESSIONAL AFFILIATIONS

American Psychological Association
Psychometric Society

GRANT REVIEWER

Institute of Education Sciences
National Science Foundation
National Institutes of Health
Swiss National Science Foundation

AD-HOC REVIEWER

Acta Biotheoretica, Advances in Data Analysis and Classification, Advances in Methods and Practices in Psychological Science, Applied Psychological Measurement, British Journal of Psychology, Canadian Journal of Behavioral Science, Child Development, Comprehensive Psychiatry, Developmental Neuropsychology, Developmental Psychology, Early Childhood Research Quarterly, Educational Evaluation & Policy Analysis, European Journal of Psychology of Education, International Journal of Behavioral Development, Journal of Applied Statistics, Journal of Child and Family Studies, Journal of Cross-Cultural Psychology, Journal of Educational and Behavioral Statistics, Journal of

Research in Personality, Journal of the International Neuropsychological Society, Journal of the Royal Statistical Society, Journal of School Psychology, Journal of Statistical Planning and Inference, Mathematical Modelling and Analysis, Methodology, Multivariate Behavioral Research, Plos One, Prevention Science, Proceedings of the Royal Society: Biological Sciences, Psychological Assessment, Psychological Medicine, Psychological Methods, Psychological Reports – Perceptual and Motor Skills, Psicologica, Psychological Trauma Theory, Research, Practice, and Policy, Psychology and Aging, Research in Developmental Disabilities, Research in Human Development, Sociological Methods and Research, Structural Equation Modeling: A Multidisciplinary Journal

UNIVERSITY & DEPARTMENT SERVICE

2025	Member, Promotion Review Subcommittee, Athena Aktipis
2023	Member, Promotion Review Subcommittee, Frank Infurna
2023	Member, Tenure Review Subcommittee, Samantha Anderson
2022-2023	Member, Chair Search Committee
2020-2023	Member, Psych for All (DEIB) Committee
2020	Member, Tenure Review Subcommittee, Rebecca Blais
2020	Member, Clinical Assistant Professor Search Committee, Department of Psychology, Arizona State University
2018-2019	Member, Promotion Review Subcommittee, Michael Edwards
2017-2020	Program Director (Area Head), Quantitative Research Methods, Department of Psychology, Arizona State University
2017-2019	Planning and Advisory Committee to the Chair, Department of Psychology, Arizona State University
2017-2018	Chair, Personnel Committee, Department of Psychology, Arizona State University
2017-2018	Member, Quantitative Methods Search Committee, Department of Psychology, Arizona State University
2016-2017	Member, Faculty Evaluation Committee, Department of Psychology, Arizona State University
2016-2017	Member, Quantitative Methods Search Committee, Department of Psychology, Arizona State University
2015-2016	Chair, Quantitative Methods Search Committee, Department of Psychology, Arizona State University
2015-2016	Chair, Faculty Evaluation Committee, Department of Psychology, Arizona State University

2015-2017	Member, Undergraduate Studies Committee, Department of Psychology, Arizona State University
2012	Member, Quantitative Methods Search Committee, Department of Human Development, University of California, Davis
2011-2014	Quantitative Area Head, Department of Psychology, University of California, Davis
2011-2014	Executive Committee Member, Department of Psychology, University of California, Davis
2007-2014	Member, Undergraduate Curriculum Committee, Department of Psychology, University of California, Davis
2007-2014	Teaching Guidelines Committee, Department of Psychology, University of California, Davis
2005-2006	Co-founder of the Millmont Methodology Series, University of Virginia *Organized and created a methodology lecture series for faculty, post- and pre-doctoral students*
2005-2006	Student Representative of the Quantitative Search Committee, University of Virginia
2002-2005	Quantitative Area Representative, Department of Psychology, University of Virginia
2002-2003	Organizer of Design and Data Analysis Lunch Seminar *Recruited speakers and organized seminar series in quantitative methods*
2002-2005	Diversity Concerns Committee, Department of Psychology, University of Virginia *Designed web page to highlight diversity issues in research and promote a more diverse student body*