

**MATTHEW J. VALENTE, COLLEGE OF PUBLIC HEALTH  
UNIVERSITY OF SOUTH FLORIDA**

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**CONTACT INFORMATION**

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University of South Florida  
College of Public Health  
13201 Bruce B. Downs Blvd., MDC 56  
Tampa, FL 33612

Office: CPH 2127  
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Email: mjvalente@usf.edu

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**EDUCATION**

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Ph.D. *Arizona State University*, Quantitative Research Methods 2012-2018  
(Advisor: David P. MacKinnon, Ph.D.)

M.A. *Arizona State University*, Quantitative Research Methods 2012-2015  
(Advisor: David P. MacKinnon, Ph.D.)

B.S. *University of North Florida*, Psychology (summa cum laude) 2006-2010  
(Advisor: Christopher Leone, Ph.D.)

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**POSITIONS HELD**

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*University of South Florida*, Assistant Professor, College of Public Health Aug. 2022 – present

*Florida International University*, Assistant Professor, Psychology Aug. 2018 – July 2022

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**RESEARCH FUNDING**

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**Current Funding**

2. (Co-Investigator). Adapting a parenting intervention to promote healthy screen time habits in young children with externalizing behavior problems. National Institutes of Health (R21HD10437 - \$184,375)(2022-2023).
1. (Co-Investigator). Interventions for English Language Learners At-Risk for ADHD. Institute of Education Sciences (R32A210221 - \$3,792,323)(2021-2026).

### Past Funding

2. (Co-Investigator). Enhancing IEPs of children with ADHD using Daily Report Cards: An efficacy trial. Adlon Therapeutics (\$233,909)(2019-2021).
1. (Principal Investigator). Modern Longitudinal Mediation Methods for Prevention Studies. National Institute on Drug Abuse (F31DA043317 - \$84,570)(2017-2018).

### Peer Reviewed Articles

\* Student co-author

30. Gonzalez, O. & **Valente, M. J.** (accepted for publication). Accommodating a latent XM interaction in statistical mediation analysis. *Multivariate Behavioral Research*.
29. \*Frederick, J., Ng, M.Y., **Valente, M. J.**, Chorpita, B. F., & Weisz, J. R. (accepted for publication). Do specific modules of cognitive behavioral therapy have measurable effects on youth internalizing symptoms? An idiographic approach. *Psychotherapy Research*.
28. Rijnhart, J. J. M., Twisk, J. W. R., **Valente, M. J.**, & Heymans, M. W. (accepted for publication). Time lags and interactions in mixed-effects models impacted longitudinal mediation effect estimates. *Journal of Clinical Epidemiology*. Advance online publication. doi: 10.1016/j.clinepi.2022.07.004
27. Scherer, E. A., Metcalf, S. A., Kim, S. J., Sweeney, M. A., Wu, J., Mazza, G. L., **Valente, M. J.**, MacKinnon, D. P., Marsch, L. (2022). The development and validation of a momentary self-regulation scale. *JMIR Mental Health*, 9(5):e35273. doi: 10.2196/35273
26. Georgeson, A. R., **Valente, M. J.** & Gonzalez, O. (2022) The effect of partial invariance on mediation in a two-wave mediation model. *Structural Equation Modeling: A Multidisciplinary Journal*. Advance online publication. doi: 10.1080/10705511.2022.2067164
25. **Valente, M. J.**, Rijnhart, J. J. M., & Miočević, M. (2022) Causal mediation effects in single-case experimental designs. *Psychological Methods*. Advance online publication. doi: 10.1037/met0000497
24. Fabiano, G., Tower, D., **Valente, M. J.**, Rejman, E., & Rodriguez, Z. (2022). An observational study of the morning and evening behavior of individuals with and without attention-deficit/hyperactivity disorder. *Journal of Attention Disorders*, 26(9), 1199-1211. doi: 10.1177.10870547211063644.
23. Carson, T. B., **Valente, M.J.**, Wilkes, B. J., & Richard, L. (2022). Estimated prevalence and severity of auditory sensory over-responsivity in autism. *Journal of Autism and Developmental Disorders*, 52, 1395-1402. doi: 10.1007/s10803-021-04991-0

22. Kondracki, A. J., **Valente, M. J.**, Ibrahimou, B., & Bursac, Z. (2022) Risk of large for gestational age births at early, late and full term in relation to pre-pregnancy body mass index: Mediation by gestational diabetes status. *Paediatric and Perinatal Epidemiology*. 36(4), 566-576. doi: 10.1111/ppe.12809
21. Sibley, M. H., Coxe, S. J., Stein, M. A., Meinzer, M. C., & **Valente, M. J.** (2022). Predictors of Treatment Engagement and Outcome among Adolescents with ADHD: An Integrative Data Analysis. *Journal of the American Academy of Child and Adolescent Psychiatry*. 61(1), 66-79. <https://doi.org/10.1016/j.jaac.2021.03.017>
20. Rijnhart, J. J. M., Lamp, S. J., **Valente, M. J.**, MacKinnon, D. P., Twisk, J. W. R., & Heymans, M. W. (2021). Mediation analysis methods used in practice: a scoping review and recommendations. *BMC Medical Research Methodology*, 21(1), 1-17.
19. Rijnhart, J. J. M., **Valente, M. J.**, Smyth, H. L., & MacKinnon, D. P. (2021). The differences between causal and traditional mediation analysis for models with a binary mediator and outcome. *Prevention Science*, 1-11. doi: 10.1007/s11121-021-01308-6
18. **Valente, M. J.**, Georgeson, A. R., & Gonzalez, O. (2021) Clarifying the implicit assumptions of two-wave mediation models via the latent change score specification: An evaluation of model fit indices. *Frontiers in Psychology*. Doi: 10.3389/fpsyg.2021.709198
17. Georgeson, A. R., **Valente, M. J.** & Gonzalez, O. (2021). Evaluating response-shift bias in statistical mediation analysis. *Advances in Methods and Practices in Psychological Science*. Advance online publication. doi: 10.1177/25152459211012271
16. Rijnhart, J. J. M., **Valente, M. J.**, MacKinnon, D. P., Twisk, J. W. R., & Heymans, M. W. (2021). The use of traditional and causal estimators for mediation models with a binary outcome and exposure-mediator interaction. *Structural Equation Modeling: A Multidisciplinary Journal*. 28(3), 345-355. doi:10.1080/10705511.2020.1811709.
15. **Valente, M. J.**, Rijnhart, J. J. M., Smyth, H. L., Muniz, F. B., & MacKinnon, D. P. (2020). Causal mediation programs in R, Mplus, SAS, SPSS, and Stata. *Structural Equation Modeling: A Multidisciplinary Journal*, 27(6), 975-984. doi:10.1080/10705511.2020.1777.133.
14. Kisbu-Sakarya, Y., MacKinnon, D. P., **Valente, M. J.**, & Cetinkaya, E. (2020). Causal mediation analysis in the presence of post-treatment confounding variables: A Monte Carlo simulation study. *Frontiers in Psychology*, 11, 2067. doi:10.3389/fpsyg.2020.02067.

13. Mazza, G. L., Smyth, H. L., Bissett, P. G., Canning, J. R., Eisenberg, I. W., Enkavi, A. Z., Gonzalez, O., Kim, S. Y., Metcalf, S. A., Muniz, F., Pelham III, W. E., Scherer, E. A., **Valente, M. J.**, Xie, H., Poldrack, R. A., Marsch, L.A., & MacKinnon, D. P. (2020). Correlation Database of 60 Cross-Disciplinary Surveys and Cognitive Tasks Assessing Self-Regulation. *Journal of Personality Assessment*, 103(2), 238-245. doi: 10.1080/00223891.2020.1732994.
12. MacKinnon, D. P., **Valente, M. J.**, & Gonzalez, O. (2020). The correspondence between causal and traditional mediation analysis: The link is the mediator by treatment interaction. *Prevention Science*, 21(2), 147-157. doi:/10.1007/s11121-019-01076-4.
11. **Valente, M. J.**, MacKinnon, D. P., & Mazza, G. L. (2020). A viable alternative when propensity scores fail: Evaluation of inverse propensity weighting and sequential g-estimation in a two-wave mediation model. *Multivariate Behavioral Research*, 55(2) 165-187. doi:10.1080/00273171.2019.1614429.
10. MacKinnon, D.P., **Valente, M. J.**, & Wurpts, I. C. (2018). Benchmark validation of statistical models: Application to mediation analysis of imagery and memory. *Psychological Methods*, 23(4), 654-671. doi:10.1037/met0000174.
9. **Valente, M. J.**, Pelham, W. E., III, Smyth, H., & MacKinnon, D. P. (2017). Confounding in statistical mediation analysis: What it is and how to address it. *Journal of Counseling Psychology*, 64(6), 659-671. doi: 10.1037/cou0000242.
8. Eisenberg, I. W., Bisset, P. G., Canning, J. R., Dallery, J., Enkavi, A. Z., Gabrieli, S. W., Gonzalez, O., Green, A. I., Greene, M A., Kiernan, M., Kim, S. J., Li, J., Lowe, M., Mazza, G. L., Metcalf, S. A., Onken, L., Parikh, S. S., Peters, E., Prochaska, J. J., Scherer, E. A., Stoeckel, L. E., **Valente, M. J.**, Wu, J., Xie, H., MacKinnon, D. P., Marsch, L. A., & Poldrack, R. A. (2017). Applying novel technologies and methods to inform the ontology of self-regulation. *Behavior Research and Therapy (Special issue on Science of Behavior Change)*, 101, 46-57. doi: 10.1016/j.brat.2017.09.014.
7. Miočević, M., Gonzalez, O., **Valente, M. J.**, & MacKinnon, D. P. (2017). A tutorial in Bayesian Potential Outcomes Mediation Analysis. *Structural Equation Modeling: A Multidisciplinary Journal*, 25(1), 121-136. doi: 10.1080/10705511.2017.1342541.
6. **Valente, M. J.**, & MacKinnon, D. P. (2017). Comparing models of change to estimate the mediated effect in the pretest-posttest control group design. *Structural Equation Modeling: A Multidisciplinary Journal*, 24(3), 428-450. doi: 10.1080/10705511.2016.1274657

5. Kuehl, K. S., Elliot, D. L., Goldberg, L., MacKinnon, D. P., O'Rourke, H. P., DeFrancesco, C., Miočević, M., **Valente, M. J.**, Sleigh, A., Garg, McGinnis, W., Kuehl, H. (2016). The SHIELD (Safety and Health Improvement: Enhancing Law Enforcement Departments) study: Mixed methods longitudinal findings. *Journal of Occupational and Environmental Medicine*, 58(5), 492-498. doi: 10.1097/JOM.0000000000000716.
4. **Valente, M. J.**, Gonzalez, O., Miočević, M., & MacKinnon, D. P. (2016). A note on testing mediated effects in structural equation modeling: Reconciling past and current research on the test of joint significance. *Educational and Psychological Measurement*, 76(6), 889-911. doi: 10.1177/0013164415618992.
3. MacKinnon, D. P., & **Valente, M. J.** (2014). Mediation from multilevel to structural equation modeling. *Annals of Nutrition and Metabolism*, 65(2-3), 196-202. doi: 10.1159/000362505.
2. Kuehl, K. S., Elliot, D. L., Goldberg, L., MacKinnon, D. P., Vila, B. J., Smith, J., Miočević, M., O'Rourke, H. P., **Valente, M. J.**, DeFrancesco, C., Sleigh, A., & McGinnis, W. (2014). The safety and health improvement: enhancing law enforcement departments study: feasibility and findings. doi: 10.3389/fpubh.2014.00038. *Frontiers in Public Health*, 2(38), 1-7.
1. Clarkson, J. J., **Valente, M. J.**, Leone, C., & Tormala, Z. L. (2013). Motivated Reflection on Attitude-Inconsistent Information: An Exploration of the Role of Fear of Invalidity in Self-Persuasion. *Personality and Social Psychology Bulletin*, 39(12), 1559-1570. doi: 10.1177/0146167213497983.

#### **Invited Commentaries**

1. Rijnhart, J. J. M., & **Valente, M. J.** (2021). Commentary: Explaining intervention and exposure effects: an introduction to mediation analysis. *Seminars in Thoracic and Cardiovascular Surgery*. Advance online publication. doi:10.1053/j.semtcvs.2021.11.010

#### **Proceedings**

2. **Valente, M. J.**, & MacKinnon, D. P. (2018). SAS® macros for computing causal mediated effects in two-and three-wave longitudinal models. *In Proceedings of the SAS Global Forum 2018 Conference, Denver CO: SAS Institute Inc.*
1. **Valente, M. J.**, & MacKinnon, D. P. (2017). SAS® macros for computing the mediated effect in the pretest posttest control group design. *In Proceedings of the SAS Global Forum 2017 Conference, Orlando FL: SAS Institute Inc.*

### **Chapters in Books**

1. MacKinnon, D. P., & **Valente, M. J.** Mediation analysis. *Oxford Bibliographies in Psychology* (2019). Ed. Dana S. Dunn. New York: Oxford University Press.

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### **PRESENTED PAPERS AND LECTURES**

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#### **Invited Lectures**

7. **Valente, M. J.** (2022, April). *A novel approach to estimate moderated effects with continuous variables*. Invited virtual talk presented at the Aging and Longitudinal Modeling Research Group Methodology Meeting, at Amsterdam University Medical Center, Amsterdam, the Netherlands.
6. **Valente, M. J.** (2021, May). *Causal mediation effects in Single Case Experimental Designs (SCEDs)*. Invited talk presented at the Mediation Research Days Virtual Meeting, at McGill University Montreal, Canada.
5. **Valente, M. J.** (2021, April). *Causal mediation effects in Single Case Experimental Designs (SCEDs)*. Invited talk presented at the UCLA Department of Psychology, Quantitative Area brown bag seminar, at University of California, Los Angeles, CA.
4. **Valente, M. J.** (2020, October). *Significance testing in statistical mediation analysis*. Invited talk presented at the ReACH Lab, at Florida International University, Miami, FL.
3. **Valente, M. J.** (2019, November). *Total effect decomposition in mediation analysis using the potential outcomes framework*. Invited talk presented at the Quant Forum at the University of North Carolina at Chapel Hill, Chapel Hill, NC.
2. **Valente, M. J.** (2019, August). *Temporal design considerations in longitudinal mediation models: It's about "time"*. Invited talk presented at Single Subject Causal Mediation Analysis Workshop, Lorentz Center, Leiden, the Netherlands.
1. **Valente, M. J.** (2019, February). *Introduction to causal inference*. Invited talk presented at the Developmental Research Methods Graduate Course (DEP 5796), Florida International University, Miami, FL.

#### **Workshops**

5. **Valente, M. J.** (2021, April). *Introduction to causal mediation analysis*. Invited workshop presented (virtually) at the Western Psychological Association (WPA) Annual Meeting.
4. MacKinnon, D. P. & **Valente, M. J.** (2020, February). *Modern Mediation Analysis Workshop* presented at Miller School of Medicine, University of Miami, Miami, FL.

3. MacKinnon, D. P. & **Valente, M. J.** (2020, February). *Modern Mediation Analysis Workshop* presented at University of Miami, Coral Gables, FL.
2. MacKinnon, D. P., **Valente M. J.**, Gonzalez, O., Miočević, M. (2017). *Bayesian Causal Mediation Analysis Workshop* presented at the 26<sup>th</sup> Annual Meeting of the Society for Prevention Research, Washington, DC.
1. MacKinnon, D. P., **Valente M. J.**, Gonzalez, O., Mazza, G., & O'Rourke, H. (2016). *Modern Mediation Analysis Workshop* presented at the 25<sup>th</sup> Annual Meeting of the Society for Prevention Research, Washington, DC.

#### Presentations

##### \* Student co-author

28. MacKinnon, D. P. & **Valente, M. J.** (2022, June). Designing and analyzing mediation and moderation of intervention effects. In K. Hill and A. A. Fagan (Chairs), *Abstract of Distinction. Common flaws in in designing and analyzing preventive interventions and how to avoid them*. Organized symposium conducted at the annual meeting of the Society for Prevention Research, Seattle Washington.
27. \*Zheng, B. & **Valente, M. J.** (2022, April). Evaluation of goodness-of-fit test in random intercept cross-lagged panel model. Paper presented at the Midwest Political Science Association Annual Meeting, Chicago, IL.
26. MacKinnon, D. P., **Valente, M. J.**, & Alvarez-Bartolo, D. (2021, August). Some applications of causal mediation analysis and discrepancies with traditional mediation analysis. Paper presented at the Joint Statistical Meeting of the American Statistical Association, Virtual Meeting.
25. Rijnhart, J. J. M., **Valente, M. J.**, Smyth, H. L., & MacKinnon, D. P. (2021, July). Correspondence between causal and traditional mediation analysis for models with binary mediator and outcome variables. Paper presented at the 9<sup>th</sup> European Congress of Methodology (EAM), Valencia, Spain (online).
24. **Valente, M. J.** (2021, June). Treatment-mediator interactions in longitudinal mediation models. In O. Gonzalez and **M.J.Valente** (Chairs), *Advances in Mediation and Prevention Science*. Organized symposium conducted at the virtual meeting of the Society for Prevention Research, Washington DC.
23. MacKinnon, D. P. & **Valente, M. J.** (2020, July). *Correspondence between Traditional and Potential Outcome Mediation Models*. In D. Coffman (Chair), *Complexities of Causal Mediation Analysis in Prevention Research: Conceptual and Study Design Considerations*. Organized symposium (online) conducted at the meeting of the Society for Prevention Research, Washington DC.

22. Fosco, W., **Valente, M. J.**, \*Cristello, J., \*Fallah-Sohy, N., \*Hartmann, S., & Trucco, E. (2020, July). *Environmental Predictors of Problematic Alcohol Use in Adulthood: A Twin Study*. In N. Riggs (Chair), *SPR Sloboda and Bukoski Cup*. Organized symposium (online) conducted at the meeting of the Society for Prevention Research, Washington DC.
21. \*Frederick, J. Ng, M. Y., & **Valente, M. J.** (2020, February). *Specific Modules and Specific Outcomes: an Interrupted Time Series Analysis Examining Internalizing Symptoms and MATCH Modules*. Poster presented at the Miami International Child & Adolescent Mental Health Conference, Miami, FL.
20. **Valente, M. J.** & MacKinnon, D. P. (2019, October). *A potential outcomes perspective on treatment-by-mediator interactions in a longitudinal mediation model*. In P. E. Shrout (Chair) Modeling Mediation Processes in Longitudinal Data. Organized symposium conducted at the annual meeting of the Society for Experimental Social Psychologists (SESP), Toronto, CA.
19. MacKinnon, D. P. & **Valente, M. J.** (2019, October). *Benchmark validation of a potential outcomes model for two mediators*. Paper presented at the annual meeting of the Society for Experimental Multivariate Psychology, Baltimore, MD.
18. **Valente, M. J.** (2019, August). *Causal inference in longitudinal data with time-varying confounders*. In D. P. MacKinnon (Chair) Just cause: Revolutionary Causal Inference in Psychology. Organized symposium conducted at the annual meeting of the American Psychological Association (APA), Chicago, IL.
17. **Valente, M. J.** (2019, June). *Performance of traditional and potential outcomes framework methods for estimating mediation in the pretest-posttest control group design*. Paper presented at the annual Dutch Epidemiology Conference (WEON), Groningen, the Netherlands.
16. Rijnhart, J. J. M. & **Valente, M. J.**, & D. P. MacKinnon (2019, June). *Total effect decomposition in mediation analysis with a continuous mediator and a binary outcome*. Paper presented at the annual Dutch Epidemiology Conference (WEON), Groningen, The Netherlands.
15. **Valente, M. J.**, Rijnhart, J. J. M., & MacKinnon, D. P. (2019, May). *Causal direct and indirect effects: The link between traditional logistic regression and the potential outcomes framework for binary outcomes*. In **M. J. Valente** and O. Gonzalez (Chairs), *Advanced Mediation Analysis*. Organized symposium conducted at the meeting of the Society for Prevention Research, Washington DC.



14. Rijnhart, J. J. M., **Valente, M. J.**, & MacKinnon, D. P. (2019, May). *Total effect decomposition in mediation analysis with a binary outcome*. In M.J.Valente and O. Gonzalez (Chairs), *Advanced Mediation Analysis*. Organized symposium conducted at the meeting of the Society for Prevention Research, Washington DC.
13. Gonzalez, O., & **Valente, M. J.** (2019, May). *Potential contributions of machine learning to statistical mediation*. In M.J.Valente and O. Gonzalez (Chairs), *Advanced Mediation Analysis*. Organized symposium conducted at the meeting of the Society for Prevention Research, Washington DC.
12. **Valente, M. J.**, & MacKinnon, D. P. (2018, May). *Comparison and application of traditional and potential outcomes framework methods for estimating mediated effects in a three-wave mediation model*. In H.J. Kim (Chair), *Abstract of Distinction: Leveraging Modern Mediation Analysis in Prevention Science*. Organized poster forum conducted at the meeting of the Society for Prevention Research, Washington DC.
11. MacKinnon, D. P., **Valente, M. J.**, Gonzalez, O., & Mazza, G. L. (2017, October). *Mediated interaction in the potential outcomes and traditional mediation models*. Paper presented at the annual meeting of the Society for Experimental Multivariate Psychology, Minnesota, MN.
10. **Valente, M. J.**, & MacKinnon, D. P. (2017, May). *Comparison of traditional regression and interventional analogues for a three-wave autoregressive mediation model*. Paper presented at the 25<sup>th</sup> annual meeting of the Society for Prevention Research, Washington, DC.
9. Gonzalez, O., **Valente, M. J.**, & MacKinnon, D. P. (2017, May). *Longitudinal measurement invariance in a two-wave mediation model*. Paper presented at the 25<sup>th</sup> annual meeting of the Society for Prevention Research, Washington, DC.
8. **Valente, M. J.**, & MacKinnon, D. P. (2016, May). *Inverse-propensity weighting approaches for estimating the mediated effect in pretest-posttest control group design*. Presented at the 24<sup>th</sup> annual meeting of the Society for Prevention Research, San Francisco, CA.
7. MacKinnon, D. P., **Valente, M. J.**, & Wurpts, I. C (2015, October). *The centrality of the intervention by mediator interaction in causal mediation analysis*. Presented at the annual meeting of the Society for Multivariate Experimental Psychology, Redondo Beach, CA.
6. **Valente, M. J.**, MacKinnon, D.P., & Suk, H.W. (2015, September). *Functional Data Approach to Longitudinal Modeling in the National Hockey League*. Presented at the 2015 New England Symposium on Statistics in Sports, Cambridge, MA.

5. MacKinnon, D. P., & **Valente, M. J.** (2015, May). *Causal Mediation Approaches for the Pretest-Posttest Control Group Design in Prevention Research*. Presented at the 23<sup>rd</sup> annual meeting of the Society for Prevention Research, Washington, DC.
4. MacKinnon, D. P., Wurpts, I. C., & **Valente, M. J.** (2014, August). *Imagery and memory as substantive validation of mediation analysis*. Poster presented at 122<sup>nd</sup> annual convention of the American Psychological Association, Washington, DC.
3. **Valente, M. J.**, & MacKinnon, D. P. (2014, May). *Estimating the mediated effect in pretest-posttest control group designs*. In A. N. Baraldi (Chair), *Advanced methods for mediation analysis in prevention studies*. Poster symposium conducted at the 22<sup>nd</sup> annual meeting of the Society for Prevention Research, Washington, DC.
2. MacKinnon, D. P., & **Valente, M. J.** (2013, January). *Mediation from multilevel to structural equation modeling*. Invited presentation at the Analysis of Child Growth Trajectories workshop, Center for Advanced Studies, Ludwig Maximilians Universitat Munchen, Munich, Germany.
1. **Valente, M. J.**, & Leone, C. (2011, January). *Self-generated attitude change and intergroup relations: Some effects of thoughts and cross-categorization*. Presented at the Annual Meeting of the Society of Personality and Social Psychology, San Antonio, TX.

## **WORKS IN PROGRESS**

### Papers submitted to journals for publication

\* Student co-author

5. \*Gillenson, C. J., **Valente, M. J.**, Hagan, M. J., Mac-Niven, A. C., Bagner, D. M. & (under review). *Impact of a brief parenting intervention on parent and infant imitation*.
4. Rijnhart, J. J. M., **Valente, M. J.**, & MacKinnon, D.P. (under review). *Understanding problems associated with the difference-in-coefficients method for mediation models with a binary outcome*.
3. \*Zheng, B. & **Valente, M. J.** (under review). *Evaluation of goodness-of-fit test in random intercept cross-lagged panel models: Implications for small samples*.
2. \*Taskin, T., Torres, L., Roncancio, A. M., **Valente, M. J.**, Fernandez, A., Rahman, A., Nehme, L., Okeke, D., Lozano, A. D., Ruiz, E., West, A. E., & Cano, M. A. (under review). *Acculturative stress and self-rated health among Hispanic emerging adults: Examining the moderating effects of the social environment and social support*.
1. **Valente, M. J.**, Rijnhart, J. J. M., Gonzalez, O. (under review). *A novel approach to estimate moderated treatment effects and moderated mediated effects with continuous moderators*.

## **TEACHING EXPERIENCE**

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### **Florida International University – Graduate Courses Taught**

Multivariate Statistics for Applied Psychological Research  
Quasi-Experiments and Causal Inference  
Statistical Mediation Analysis

### **Arizona State University – Teaching Assistantships**

Analysis of Variance  
Regression Analysis for Applied Psychological Research  
Multivariate Statistics for Applied Psychological Research  
Structural Equation Modeling

## **OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE**

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### **Mentorship**

#### **Post-doctoral students**

**Student:** Dr. Bang Zheng

**Status:** Completed.

#### **Dissertation committee membership:**

**Student:** Tanjila Taskin

**Program:** Epidemiology

**Dissertation Title:** Intrapersonal, Social, and Cultural Determinants of HPV Vaccine Uptake among Emerging Hispanic Adults

**Status:** Completed.

**Student:** Julie Cristello

**Program:** Psychology

**Dissertation Title:** Examining Exposure to Alcohol and Drug References on Social Media Sites and their Impact on Adolescent Substance Use.

**Status:** Ongoing.

**Student:** Jennifer Frederick

**Program:** Psychology

**Dissertation Title:** Mechanisms to Improve the Efficacy of Psychotherapy for Youth with Internalizing Disorders.

**Status:** Ongoing.

**Student:** Guadalupe Patriarca

**Program:** Psychology

**Dissertation Title:** The role of acculturative stress in the treatment of youth with anxiety disorders.

**Status:** Ongoing.

**Student:** Ashley Adams

**Program:** Psychology

**Dissertation Title:** Neuroscience, substance use, and adolescent development.

**Status:** Ongoing.

**NRSA F31 Consultant:**

**Student:** Jennifer Frederick

**Program:** Psychology

**Project Title:** Examining Idiographic CBT Skill Use in Depressed Youth Using Smartphone Passive Sensing.

**Role:** Consultant

**Status:** Under review at National Institutes of Health.

**Student:** Rebecca Wolenski

**Program:** Psychology

**Project Title:** Smartphone-Delivered Practice Prompts to Target CBT Skill Use in Anxious Adolescents.

**Role:** Consultant

**Status:** Under review at National Institutes of Health.

**Professional Service**

Reviewer for UKRI Medical Research Council Scientific Quinquennial Review  
(QQR)

May 2022

**Editorial Board**

Quantitative Psychology and Measurement – specialty  
section of Frontiers in Psychology and Frontiers in Applied  
Mathematics and Statistics

**Ad-hoc Reviews**

Psychological Methods  
Multivariate Behavioral Research  
Structural Equation Modeling: An Interdisciplinary Journal  
Advances in Methods and Practices in Psychological Science  
Prevention Science  
Psychometrika  
Statistical Methods in Medical Research  
BioMed Central (BMC) Medical Research Methodology  
Educational and Psychological Measurement  
Journal of Clinical Psychology  
Sage Open  
Evaluation of the Health Professions  
Nature Communications  
Journal of Business Venturing  
Journal of Child and Family Studies

Perspectives on Psychological Science  
Quality and Quantity

**Consulting**

Estimating Mediated Effects in Prevention Studies (R37DA09757)

PI: MacKinnon, David P.

Role: Consultant

Funding Agency: National Institutes of Health

Start and End Dates: 6/1/20 – 5/31/25

**University Service**

Training Program in Adolescent Substance Use Disorders and Co-occurring Mental and Behavioral Disorders (Institutional National Research Service Award T32)

PI: Pelham, William

Role: Mentor

Funding Agency: National Institutes of Health

Start and End Dates: 7/1/19 – 6/30/24

**Department Service**

Dissertation Status Evaluation Committee

Fall 2020 – Present

Member of search committee for assistant professor hire in the department of biostatistics

Fall 2021 – Spring 2022

**Diversity training**

Engaged Mentorship centering Partnership, Wokeness and Responsibility (EMPWR) workgroup

Fall 2020 – Present

Inclusive/Culturally Responsive Teaching Workshop

Fall 2021

Strategies and Tactics for Recruitment to Increase Diversity and Excellence (STRIDE) faculty recruitment workshop

Fall 2021

Racial Equity Diversity Inclusion (REDI) workgroup

Spring 2021

**Academic and professional honors**

National Research Service Award Predoctoral Fellowship (NRSA F31)

May 2017 – May 2018

SAS Student Ambassador Award to attend SAS Global Forum

April 2017 & April 2018

Arizona State University, College of Liberal Arts and Sciences (CLAS) Graduate Excellence Award	2015 & 2017
Society of Multivariate Experimental Psychology (SMEP) Student Travel Award	2015
Arizona State University, Nominated for Graduate and Professional Student Association (GPSA) Teaching Excellence Award	2015
University of North Florida Outstanding Undergraduate Student Award in Psychology	2011
Psi Chi Research Award, The Annual Meeting of the Southeastern Psychological Association	2011
Graduated summa cum laude with Baccalaureate Honors from the University of North Florida	2010
Best Research Poster Award, The Annual Meeting of the Society of Southeastern Social Psychologists	2010
Society for Multivariate Experimental Psychology Minority Fellowship, Kansas University Statistics Workshop	2010
Ling Summer Scholarship, Kansas University Statistics Workshop	2010
University of North Florida Travel Grant, Kansas University Statistics Workshop	2010
University of North Florida Undergraduate Research Grant for Undergraduate Honors Thesis	2009
Florida Bright Futures Medallion Scholarship	2006-2010