Stacey S. Tiberio

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Oregon Social Learning Center • (541) 485-2711 ext 1182 • StaceyT@oslc.org

Research Interests

Methodologically, I am most interested in longitudinal data analysis – or the modeling of how processes change over time. In particular, I am interested time-dynamic transactional models, which apply concepts self- and co-regulation to understand the uni- and bi-directional relationships within and between processes.

Substantively, my research interests are broad but predominantly focus on gaining a better understanding of how individuals' physical and mental health may be influenced by their own behaviors, the behaviors of those around them and their social contexts.

Education

University of Notre Dame Notre Dame, IN
- •Ph.D., Quantitative Psychology, May 2008
  - *Dissertation Topic: The Effects of Misspecified Measurement Intervals in Multivariate Latent Differential Equation Models
- •M.A., Quantitative Psychology, January 2005
  - *Thesis Topic: Stochastic and Deterministic Differential Equation Modeling: The Accuracy of Recovering Dynamic Model Parameters of Change

Youngstown State University Youngstown, OH
- • B.S., Psychology, May 2001
  - *Minors: Statistics & Mathematics

Employment

New York University Family Translational Research Group
- Research Scientist (August 2017 - present)

Oregon Social Learning Center
- Research Scientist (March 2016 - present)
- Research Associate (August 2013 - February 2016)
- Data Analyst (May 2010 - July 2013)

Better World Books
- Business Analyst (October 2008 - May 2010)
  - •Responsible for conducting, explaining and presenting data analyses to the management and executive team in order to make sound, data-driven business decisions regarding the company's revenue, costs and profitability; developing new metrics, algorithms and analytic methods to improve the pricing of the company's commodities and the efficiency of operations and marketing; and developing and publishing reports to make data accessible to all employees.

Publications

Boker, S. M., **Tiberio, S. S.**, & Moulder, R. G. (in press). Robustness of Time Delay Embedding to Sampling Interval Misspecification. In Montfort, K. v., Oud, J., & Voelkle, M. (Ed.), Continuous Time Modeling in the Behavioral and Related Sciences, Berlin, Germany: Springer.

Capaldi, D. M., Shortt, J. W., **Tiberio, S. S.**, & Low, S. (2018). Violence begets violence: Addressing the dual nature of partner violence in adolescent and young adult relationships. In D. A. Wolfe & J. R. Temple (Eds.), *Adolescent dating violence: Theory, research, and prevention* (pp. 341-364). Cambridge, MA: Academic Press.

Shortt, J. W., Capaldi, D. M., & **Tiberio, S. S.** (in press). Sexual assault. In M. H. Bornstein (Ed.), The SAGE encyclopedia of lifespan human development. Thousand Oaks, CA: Sage.

Eddy, J. M., Schumer, J., Shortt, J. W., Capaldi, D. M., **Tiberio, S. S.**, & Low, S. (in press). A life course model for the development of intimate partner violence. In A. T. Vazsonyi, D. J. Flannery, & M. DeLisi (Eds.), The Cambridge handbook of violent behavior and aggression (2nd ed.). Cambridge University Press.

Capaldi, D. M., **Tiberio, S. S.**, & Kerr, D. C. R. (2018). Assessing associations in substance use across three generations: from grandparents to sons and from sons to their children. *Contemporary Social Science*. DOI: 10.1080/21582041.2018.1433313

Low, S., **Tiberio, S. S.**, Shortt, J. Wu, Mulford, C., & Eddy, J. M., & Capaldi, D. M. (2017). Intergenerational transmission of violence: The mediating role of adolescent psychopathology symptoms. *Development and Psychopathology*, doi:10.1017/S0954579417001833

Lunkenheimer, E., **Tiberio, S. S.**, Skoranski, A. M., Buss K. A., & Cole, P. M (2017). Parent-child coregulation of parasympathetic processes varies by social context and risk for psychopathology. *Psychophysiology*. Online-first 2017 Aug 28. doi: 10.1111/psyp.12985.

Capaldi, D. M., Kerr D. C. R., Owen, L. D., & **Tiberio, S. S.** (2017). Intergenerational associations in sexual onset: Mediating Influences of parental and peer sexual teasing and youth substance use, *Journal of Adolescent Health*. Online first. doi:10.1016/j.jadohealth.2017.03.003

Capaldi, D. M., Kerr D. C. R., & **Tiberio, S. S.** (2017). Intergenerational transmission of risk for behavioral problems including substance use. *In O. Braddick (Ed.), Oxford research encyclopedia of psychology*, New York, NY: Oxford University Press.

Low, S., **Tiberio, S. S.**, Shortt, J. Wu, Capaldi, D. M., & Eddy, J. M. (2017). Associations of Couples' Intimate Partner Violence in Young Adulthood and Substance Use: A Dyadic Approach. *Psychology of Violence. 7, 120-127*. doi:10.1037/vio0000038

Tiberio, S. S., Capaldi, D. M., Kerr D. C. R., Bertrand, M., Pears, K. C., & Owen, L. (2016). Parenting and the Development of Effortful Control from Early Childhood to Early Adolescence: A Transactional Developmental Model. *Development and Psychopathology, 28, 837-853.*

Capaldi, D. M., **Tiberio, S. S.**, Kerr, D. C. R., & Pears, K. C. (2016). The Relationships of Parental Alcohol versus Tobacco and Marijuana Use with Early Adolescent Onset of Alcohol Use. *Journal of Studies on Alcohol and Drugs, 77(1), 95-103.*

Montpetit, M.A., Nelson, N. A., & **Tiberio, S. S.** (2016). Daily Interactions, Affect, and Older Adulthood: Family, Friends, and Functional Aspects of Support. *Journal of Happiness Studies, 17 (1), 1-16*. doi 10.1007/s10902-016-9730-4

Montpetit, M.A., & **Tiberio, S. S.** (2016). Probing Resilience: Daily Environmental Mastery, Self-Esteem, and Stress Appraisal. *International Journal of Aging and Human Development, 83 (4), 311-332.*

Capaldi, D. M., Kerr, D. C. R., Eddy, M., & **Tiberio, S. S.** (2015). Understanding persistence and desistance in crime and risk behaviors in adulthood: Implications for theory and prevention. *Prevention Science*. Online first. doi: 10.1007/s11121-015-0609-0

Capaldi, D. M., **Tiberio, S. S.**, Washburn, I. J., Yoerger, K., & Feingold, A. (2015). Growth, persistence, and desistance of alcohol use for at-risk men in their 30s. *Alcoholism: Clinical and Experimental Researc*h, 39, 1203-1211. doi: 10.1111/acer.12748

Feingold, A., Washburn, I. J., **Tiberio, S. S.**, & Capaldi, D. M. (2015). Changes in the associations of heavy drinking and drug use with intimate partner violence in early adulthood. *Journal of Family Violence*, 30, 27-34. doi: 10.1007/s10896-014-9658-6

Kerr, D. C. R., **Tiberio, S. S.**, & Capaldi, D. M. (2015). Contextual risks linking parents adolescent marijuana use to offspring onset. *Drug and Alcohol Dependence*, 154, 222-228. doi: 10.1016/j.drugalcdep.2015.06.041

Kerr, D. C. R., Washburn, I. J., Morris, M. K., Lewis, K. A. G. & **Tiberio, S. S.** (2015). Event-Level Associations of Marijuana and Heavy Alcohol Use With Intercourse and Condom Use. *Journal of Studies on Alcohol and Drugs, 76(5),* pp. 733-737.

Kim, H. K., Shortt, J. W., **Tiberio, S. S.**, & Capaldi, D. M. (2015). Aggression and coercive behaviors in early adult relationships: Findings from the Oregon Youth StudyCouples Study. In T. J. Dishion & J. Snyder (Eds.), Oxford handbook of coercive relationship dynamics: Basic mechanisms, developmental processes and intervention applications. New York: Oxford University Press. doi: 10.1093/oxfordhb/9780199324552.013.14 online

Kim, H. K., **Tiberio, S. S.**, Capaldi, D. M., Shortt, J. W., Squires, E. C., & Snodgrass, J. J. (2015). Intimate partner violence and diurnal cortisol patterns in couples. Psychoneuroendrocrinology, 51, 35-46. doi: 10.1016/j.psyneuen.2014.09.013

Lunkenheimer, E., **Tiberio, S. S.**, Buss, K. A., Lucas-Thompson, R. G., Boker, S. M. & Timpe, Z. C. (2015). Coregulation of respiratory sinus arrhythmia between parents and preschoolers: differences by children's externalizing problems. Developmental Psychobiology. doi: 10.1002/dev.21323

Tiberio, S. S., Kerr D. C. R., Capaldi D. M., Pears K., Kim, H. K., & Nowicka, P. (2014). Parental Monitoring of Children's Media Consumption: The Long-term Influences on Body Mass Index in Children. JAMA Pediatrics. 168(5):414-421. doi:10.1001/jamapediatrics.2013.5483

Feingold, A., **Tiberio, S. S.**, & Capaldi, D. M. (2014). New approaches for examining associations with latent categorical variables: Applications to substance abuse and aggression. Psychology of Addictive Behaviors, 28, 257-267.

Kim, H. K., **Tiberio, S. S.**, Pears, K. C., Capaldi, D. M., & Washburn, I. J. (2013). Growth of men's alcohol use in early adulthood: Intimate partners' influence. Psychology of Addictive Behaviors, 27, 1167-1174.

Shortt, J. W., Capaldi, D. M., Kim, H. K., & **Tiberio, S. S.** (2013). The interplay between interpersonal stress and psychological intimate partner violence over time for young at-risk couples. Journal of Youth and Adolescence, 42(4), 619-632. doi: 10.1007/s10964-013-9911-y.

Montpetit, M. A., Bergeman, C. S., Deboeck, P. R., **Tiberio, S. S.**, & Boker, S. M. (2010). Resilience-as-Process: Negative Affect, Stress, and Coupled Dynamical Systems. Psychology and Aging. 25:3, 631-640. doi: 10.1037/a0019268.

Chow, S.-M., & **Tiberio, S. S.** (2007). Discussion on Ramsey et al.'s paper, "Parameter Estimation for Differential Equations: A Generalized Smoothing Approach". Journal of the Royal Statistical Society: Series B.

Maxwell, S. E., & **Tiberio, S. S.** (2006). Multilevel Models of Change: Fundamental Concepts and Relationships to Mixed Models and Latent Growth Curve Models. In Ong, A. D. & vanDulmen, M. (Eds.), Handbook of Methods in Positive Psychology (p. 439-466). New York: Oxford University Press.

Boker, S. M., Covey, E. S., **Tiberio, S. S.**, & Deboeck, P. R. (2005) Synchronization in Dancing is Not Winner–Takes–All: Ambiguity Persists in Spatiotemporal Symmetry Between Dancers. 2005 Proceedings of the North American Association for Computational, Social, and Organizational Science.

Also published under Stacey S. Poponak
Flora, S. R., & **Poponak, S. S.** (2004) Childhood pay for grades is related to college grade point averages. Psychological Reports, 94(1), 66-66.

Conference Presentations

Low, S., **Tiberio, S. S.**, Shortt, J. W., & Capaldi, D. M. (2017). Consequences of IPV in men over young adulthood: A prospective examination over a 16-year period. Paper presented by

Dorothy Espelage at the Annual Meeting of the American Criminology Society, Philadelphia, PA; November 15 - 18, 2017.

Tiberio, S. S. & Capaldi, D. M. (2017). Investigating coercive dynamics in young adult romantic couples: Associations with antisocial and aggressive behavior. Paper presented at the Patterson Chautauqua on Coercion Theory, July 29, 2017, Oregon Research Institute, Eugene, OR.

Capaldi, D. M., Kerr, D. C. R., Owen, L. D. & **Tiberio, S. S.** (2017). Intergenerational associations in sexual onset: mediating influences of parental and peer sexual teasing and youth substance use. Paper in symposium to be presented at the Society for Prevention Research Annual meeting, May 30-June 2, 2017, Washington, DC.

Kerr, D. C. R., **Tiberio, S. S.**, & Capaldi, D. M. (2017). Intergenerational and partner influences on fathers' positive parenting from early childhood to early adolescence. Paper in symposium to be presented at the Society for Research in Child Development, April, 2017, Austin, TX.

Capaldi, D. M., Kerr, D. C. R., & **Tiberio, S. S.** (2016). The Oregon Youth Study Intergenerational Study. Paper presented at the Intergenerational Symposium, Netherlands Institute for the Study of Crime and Law Enforcement, June 17-18 2016, Amsterdam, The Netherlands.

Shortt, J. W., **Tiberio, S. S.**, Capaldi, D. M., & Low, S. (2016). Child Exposure to Family Violence in Two Generations. Paper presented at the 24th Annual Meeting of the Society for Prevention Research, San Francisco, CA; May 31 – June 3, 2016.

Low, S., **Tiberio, S. S.**, Shortt, J. W., Capaldi, D. M., & Eddy, J. M. (2016). Child exposure to interparent violence and young adult intimate partner violence. Paper presented at the 24th Annual Meeting of the Society for Prevention Research, San Francisco, CA; May 31 – June 3, 2016.

Montpetit, M. A. & **Tiberio, S. S.** (2015). Probing Resilience: Daily Environmental Mastery, Self-Esteem, and Stress Appraisal. Paper presented at the Gerontological Society of America, Orlando, Florida; November, 2015.

Shortt, J. W., Capaldi, D. M., Eddy, J. M., Owen, L. D., Low, S., **Tiberio, S. S.**, & Kim, H. (2015). Prospective Family Predictors of Aggression Toward Romantic Partners in Young Adulthood. Paper presented at the American Society of Criminology 71st Annual Meeting, Washington, DC; November, 2015.

Capaldi, D. M., Pears, K. C., Kerr, D. C. R., & **Tiberio, S. S.** (2015). How and how much do our parents determine our behavior: Was Philip Larkin right? Paper presented at the Integrative Science Symposium The Intergenerational Transmission of Psychopathology Chair: Annette D. Karmiloff-Smith at the International Convention of Psychological Science. Amsterdam, The Netherlands: March, 12-14, 2015.

Lunkenheimer, E., **Tiberio, S. S.**, Lucas-Thompson, R. G., Boker, S. M., Buss, K., & Timpe, Z. (2015). Parent and child coregulation of respiratory sinus arrhythmia: Differences by child externalizing problems. Paper presented at the Society for Research in Child Development biannual meeting, Philadelphia, PA; March 2015.

Montpetit, M. A. & **Tiberio, S. S.** (2014). Daily Interactions and Affect Balance: Functions of Friend and Family Support. Paper presented at The Gerontological Society of America's 67th Annual Scientific Meeting in Washington, DC; November, 5-9, 2014.

Tiberio, S. S., Kerr, D. C. R., & Capaldi, D. M. (2014). A Longitudinal Examination of the Intergenerational Transmission of Patterns of Alcohol, Tobacco, and Other Drug Use. Poster presented at the Society for Research in Child Development's Special Topic Meeting: Developmental Methodology in San Diego, CA; September 11-13.

Kim, H. K., **Tiberio, S. S.**, Capaldi, D. M., Shortt, J. W., Squires, E.C., & Snodgrass, J. J. (2014). Intimate partner violence and diurnal cortisol patterns in couples. Paper presented by Sabina Low to the Society for Prevention Research; Washington, DC; May 2014.

Low, S., Shortt, J. W., **Tiberio, S. S.**, Capaldi, D. M., & Eddy, J. M. (2014). Proximal Association of Substance Use on Young At-Risk Couples' Intimate Partner Violence. Paper presented at the Society for Research on Adolescence, Austin, TX; March 2014.

Low, S., Shortt, J. W., **Tiberio, S. S.**, Eddy, J. M., & Capaldi, D. M. (2014). Longitudinal Associations between Delinquent Peer Association and Intimate Partner Violence for Young At-Risk Couples. Paper presented at the Society for Research on Adolescence, Austin, TX; March 2014.

Tiberio, S. S., Capaldi, D. M., & Shortt, J. W. (2014). Multilevel hazard models in at-risk young adult couples. Paper presented at the Arizona State University Prevention Research Center and Psychology Workshop on Dynamic Mediation in Family and Peer Relationships, Tempe, AZ; February 2014.

Nowicka P., **Tiberio, S. S.**, Kerr, D. C., & Capaldi D. M. (2013) A longitudinal examination of parental depression and monitoring on children's BMI in middle childhood. Obesity Facts; 6(suppl 1):186

Tiberio, S. S., Nowicka, P., Kerr, D. C. & Capaladi, D. M. (2013) Parenting and Obesity: A Longitudinal Examination of Parental Depression and Monitoring on Children's Body Mass Indexes. Poster presented to the Society for Research on Child Development; Seattle, WA; April 2013.

Knoble, N. B., Shortt J. W. & **Tiberio, S. S.** (2012) The Contribution of Sibling Collusion to Adolescent Externalizing Behaviors: Parent, Sibling, and Peer Influences. Society for Research on Adolescence; Vancouver, BC, Canada; March 8–10, 2012.

Shortt, J. W., Capaldi, D. M., Kim, H. K. & **Tiberio, S. S.** (2012) The Interplay between Stress and Psychological Intimate Partner Violence over Time for Young At-Risk Couples. Society for Research on Adolescence; Vancouver, BC, Canada; March 8–10, 2012.

Feingold, A., **Tiberio, S. S.**, & Capaladi, D. M. (2011) Linking Latent Categorical Variables: Relating Substance Abuse to Intimate Partner Violence. Poster presented to the American Psychological Association; Washington, DC; May 29, 2011.

Boker, S. M., Cohn, J., Matthews, I., Ashenfelter, K., Spies, J., Brick, T., Deboeck, P., Covey, E. & **Tiberio, S. S.** (2006) Coordinated Motion and Facial Expression in Dyadic Conversation. Poster presented to the 2006 NSFHSD P.I. meeting; Washington, DC; September 14–15, 2006.

Boker, S. M., Covey, E. S., **Tiberio, S. S.**, & Deboeck, P. R. (2005) Synchronization in Dancing is Not Winner–Takes–All: Ambiguity Persists in Spatiotemporal Symmetry Between Dancers. Annual Meeting of the North American Association for Computational, Social, and Organizational Science; Notre Dame, IN; June 26-28, 2005.

Tiberio, S. S. (2004). Stochastic and Deterministic Differential Equation Modeling: The Accuracy of Recovering Dynamic Model Parameters of Change. Society for Multivariate Experimental Psychology, Naples, Florida, October 20, 2004.

Boker, S. M., & **Tiberio, S. S.** (2004). Multivariate Multilevel Models of Dynamical Systems using Latent Differential Equations. Sixth International Conference on Logic and Methodology, Amsterdam, The Netherlands, August 20, 2004.

Also published under Stacey S. Poponak
Boker, S. M., Deboeck, P. & **Poponak, S. S.** (2004) Latent Differential Equations Models of Interpersonal Coordination in Dance. New England Sequencing and Timing Meeting; New Haven, Connecticut; March 13, 2004.

Poponak, S. S. & Boker, S. M. (2003) Estimating Dynamical Systems Model Parameters using Local Regression Equations. 11th Herbstakademie, Dynamical Systems in Cognitive Science; Ascona/Monte Verit‘a, Switzerland; October, 21, 2003.

Flora, S. R. & **Poponak, S. S.** (2000) Pay Now; Payoff Now and Later: Childhood Pay for Grades Produces Differentially Higher College G.P.A.s. Applied Behavior Analysis Convention; New Orleans, Louisiana Superdome, New Orleans, Louisiana; May, 2001.

Research Support
On-going
Statistician for Principal Investigator Spencer, R., and Co-Principal Investigator Slep, A., *IES* Grant #R305A180142 “School Support, School Connectedness, and the Educational Outcomes of Military-Connected Students: An Exploratory Study of Student Mobility” (Awarded July, 2018 - present)

Research Scientist for Principal Investigators Slep and Heyman, Department of Defense Grant Titled "Randomized Controlled Trial to Improve the Effectiveness of the NORTH STAR Prevention Framework by Embedding Evidence-Based Prevention Within the Military Unit." (Awarded August, 2011 - present)

Research Scientist for Principal Investigators Slep and Heyman, US Dept of Agriculture/US Air Force Grant Titled "Army Family Advocacy Program incident determination committee testing and evaluation." (Awarded September, 2015 - present)

Co-Principal Investigator for Principal Investigator Shortt, J. W., NIJ Grant Titled "Child Exposure to Intimate Partner Violence and Parent Aggression in Two Generations." (Awarded January, 2016 - present)

Completed
Research Scientist for Principal Investigator Capaldi, D. C., NIDA Grant #DA 015485, "Adjustment Problems and Substance Use in 3 Generations" (Awarded 2013 – February 2018)

Research Scientist for Principal Investigator Shortt, J. W., NIJ Grant #2013-VA-CX-0007, "Predicting Intimate Partner Violence for At-Risk Young Adults and Their Romantic Partners." (Awarded January 2014 - February 2017)

Research Associate/Data Analyst for Principal Investigator Capaldi, D. C., NICHD Grant #HD046364, "Young Men's Risk for Dysfunctional Relationships." (May 2010 - August 2014 [Awarded 2003])

Research Associate/Data Analyst for Principal Investigator Capaldi, D. C., NIAAA Grant #1R01AA018669, "Understanding Alcohol Use Over Time in Early Mid-Adulthood for At-Risk Men." (May 2010 - June 2014 [Awarded 2009])

Data Analyst for Principal Investigator Feingold, A., NIDA Grant #RC1 DA028344, "Women's Substance Use and Intimate Partner Violence." (May 2010 - May 2011 [Awarded 2009])

Dissertation Fellowship Award, University of Notre Dame, Psychology Department, $19,000 (Awarded August 2006)

Travel Award for Society of Multivariate Experimental Psychology Preconference, Naples, FL $750 (Awarded October 2003)

Ad Hoc Reviewer
Journal of Abnormal Child Psychology (2016, 2017)
Infant and Child Development (2014, 2017)
International Journal of Behavioral Development (2017)
Journal of Family Issues (2016)
Society for Research in Child Development Biannual Meeting, April, 2017, Austin, TX (2016)
Journal of Consulting and Clinical Psychology (2011, 2013 – 2016)
Journal of Social and Personal Relationships (2013)

Honors and Awards

- Graduated Summa cum Laude (UND, 2008)
- Kaneb Outstanding Graduate Teaching Assistant Award (UND, 2004)
- Graduated Summa cum Laude, Honors in Psychology (YSU, 2001)
- Psychology Student of the Year (YSU, 2000-2001 Academic Year)
- Deans' List Honor Roll (YSU, Winter 1997 - Spring 2001)
- Golden Key National Honors Society (YSU, Inducted Spring 2000)
- Psi Chi National Honors Society (YSU, Inducted Spring 1999)
- Psychology Department Honors Program (YSU, Inducted Spring 1999)

Service

- Internal Review Board (IRB) Member (OSLC, August 2017 - present)
- Media Team Representative – (OSLC, May 2011 - May 2013)
- Quantitative Psychology Graduate Student Representative to the Psychology Department – Elected Position (UND, Fall 2003 - Spring 2004)
- Psychology Department Gra5duate Student Representative to the Graduate Student Union – Elected Position (UND, Fall 2002 - Spring 2003)
- Psi Chi Chapter President (YSU, Fall 2000 - Spring 2001)
- Psi Chi Publicity Officer (YSU, Spring 1999 - Fall 2000)

Computer Skills

- Statistical Packages: Mplus, SPSS, SAS, R (S-Plus), HLM, Mathematica
- Databases: Microsoft SQL Server, SQL Server Reporting Services
- Word Processing: LaTeX