

Nicholas James Wagner

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Psychological and Brain Sciences
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EDUCATION

- 2016 **University of North Carolina at Chapel Hill**
Ph.D., Developmental Psychology
Department of Psychology and Neuroscience
Concentration: Quantitative Methods
- 2014 **University of North Carolina at Chapel Hill**
M.A., Developmental Psychology
Department of Psychology and Neuroscience
- 2011 **Arizona State University**
M.Ed., Elementary Education
- 2009 **University of North Carolina at Chapel Hill**
B.A. with Honors in Psychology

PROFESSIONAL APPOINTMENTS

- 2018 - **Assistant Professor**
Developmental Science
Psychological and Brain Sciences
Boston University
- 2022 - **Faculty Affiliate**
Center for Innovation in Social Science, Boston University
- 2020 - **Co-Director**
International Consortium for the Study of Social and Emotional Development
- 2018 - **Faculty Affiliate**
Hariri Institute for Computing and Computational Science, Boston University
- 2018 - 2023 **Affiliate Research Professor**
Human Development and Quantitative Studies, University of Maryland
- 2017 - 2018 **Assistant Research Professor**
Human Development and Quantitative Studies, University of Maryland
- 2016 - 2017 **Postdoctoral Associate**
Human Development and Quantitative Studies, University of Maryland
Advisor: Ken Rubin, Ph.D.
- 2013 – 2016 **Statistics Consultant**, The Odum Institute
University of North Carolina at Chapel Hill
- 2014 – 2015 **Predoctoral Fellow**
NIH-NICHD Carolina Consortium on Human Development

The Center for Developmental Science

2009 – 2011 **Teach For America, Corps Member, 5th and 6th Literacy/Social Studies**

AWARDS AND HONORS

2020 Research Award, Clinical & Translational Science Institute, Boston University
2020 Loan Repayment Award, National Institute of Mental Health, Pediatric Research
2020 Top Reviewer Award, Journal of Child Psychology and Psychiatry
2019 Rising Star Award, Association for Psychological Science
2018 Young Investigators Award, International Society for Research on Aggression
2017 Early Career Travel Award, Society for Research in Child Development
2015 Dashiell Student Travel Award, UNC-Chapel Hill
2015 3 Minute Thesis Competition – Campus Champion, UNC – Chapel Hill
2015 Future Faculty Fellowship Program, Center for Faculty Excellence, UNC-Chapel Hill
2015 Cheryl Wynn Hare Award Finalist, Society for the Scientific Study of Psychopathy
2015 Student Travel Award Recipient, Society for Research in Child Development
2014 Graduate Student Travel Award Recipient, International Society on Infant Studies
2013 North Carolina Impact Award, Departmental Nomination, UNC-Chapel Hill
2012 Chase-Dashiell-Crane Award, UNC-Chapel Hill

INVITED PRESENTATIONS

2022 *Dissertation Writing Institute*, Educational Resource Center, Boston, MA
2021 *Research on Tap*, Institute for Early Childhood Well-Being, Boston, MA
2021 *RISE Program BU Academia Scientists Panel*, RISE Practicum Program, Boston, MA
2020 *RISE Program BU Academia Scientists Panel*, RISE Practicum Program, Boston, MA
2020 *Life After CCHD*, Professional Dev. Workshop, Carolina Consortium for Human Development
2020 *Eastern Psychological Association Developmental Invited Symposium*, Boston, MA
2019 *Centre for Brain and Cognitive Development*, Birkbeck University, London UK
2019 *25th Anniversary Conference for the Center for Developmental Science*, UNC-Chapel Hill
2018 *Psychology and Neuroscience Consortium Series*, UNC-Chapel Hill
2016 *Developmental Science Field Committee Colloquium Series*, University of Maryland, College Park.
2015 *Developmental Psychology's Consortium Series*, UNC-Chapel Hill.
2015 *Society for the Scientific Study of Psychopathy Hare Award*, Chicago, Illinois.

GRANT SUPPORT

R01MH125904 Wagner & Waller (MPI) 2022-2027
NIH-National Institute of Mental Health
Risky Parenting and Temperament Pathways to Callous-Unemotional Traits in Early Childhood
Total Award: \$2,418,866
Role: PI

R01MH122526 Propper & Santelli (MPI) 2021-2026
NIH-National Institute of Mental Health
Gut Microbiota and Behavioral Inhibition in Childhood: The Role of Brain Development and Early Experience
Total Award: \$3,950,469
Role: Co-I (site PI)

R21MH126162 Wagner & Waller (MPI) 2022-2025
NIH-National Institute of Mental Health
Leveraging Machine Learning Techniques to Elucidate Risk for Callous-Unemotional Traits
Funded Amount: \$197,366
Role: PI

R03MH123762	Wagner (PI)	2021-2023
NIH-National Institute of Mental Health		
<i>Examining Neurophysiological Predictors of Treatment Response to a Multi-Component Early Intervention for Socially Inhibited Preschoolers</i>		
Total Award: \$100,000		
Role: PI		
P50DC018006	Tager-Flusberg & Kasari (MPI)	2019 - 2024
NIH-National Institute on Deafness and Other Communication Disorders		
<i>Predicting and Optimizing Language Outcomes in Minimally Verbal Children with Autism Spectrum Disorder</i>		
Total Award: \$12,139,641		
Role: Co-Investigator		
NIH Loan Repayment Program (Second Renewal)	Wagner (PI)	2020 - 2021
NIH-National Institute of Mental Health Pediatric Research		
Total Award: \$16,000		
NIH Loan Repayment Program (First Renewal)	Wagner (PI)	2019 - 2020
NIH-National Institute of Mental Health Pediatric Research		
Total Award: \$15,641		
Research Incubation Award	Wagner (PI)	2019 – 2020
Hariri Institute for Computing and Computational Science		
<i>Leveraging Machine Learning Techniques to Elucidate Risk for Child Psychopathology</i>		
Total Award: \$13,083		
Role: PI		
1R01MH103253-01	Rubin & Chronis-Tuscano (Co-PIs)	2018 – 2020
NIH-National Institute of Mental Health		
<i>Multi-Component Early Intervention for Socially Inhibited Preschool Children</i>		
Total Award: \$3,119,736		
Role: Consultant		
NIH Loan Repayment Program	Wagner (PI)	2017 - 2019
NIH-National Institute of Mental Health Pediatric Research		
Total Award: \$36,907.60		
Role: PI		
P50CA180907	Wagner (PI)	2014 – 2015
Center for Regulatory Research on Tobacco Control Pilot Funding		
NIH-National Cancer Institute and FDA Center for Tobacco Products		
<i>Electronic Cigarette Use among Pregnant Women</i>		
Total Award: \$14,038		
Role: PI		
T32- HD07376	Hussong (PI)	2014 – 2015
NIH-National Institute of Child Health and Human Development		
<i>Carolina Consortium on Human Development Training Program</i>		
The Center for Developmental Science		
Total Award: \$22,467		
Role: Predoctoral Fellow		

PROPOSALS UNDER REVIEW

R01HD112397 Gill (PI) Submitted Feb.
2024 NIH--National Institute of Child Health and Human Development
Motor and Environmental Determinants of Physical Activity in Preschoolers
Requested Amount: \$3,673,824
Role: Co-Investigator

R21NIDCD Zuk (PI) Submitted Nov. 2023
NIH – National Institute on Deafness and Other Communicative Disorders
Prosodic Predictors of Language Skills in Preschoolers With and Without Developmental Language Disorder
Requested Amount: \$618,085
Role: Co-Investigator

PUBLICATIONS

[^]Denotes equal contribution or shared senior authorship.

[#]Denotes senior authorship.

Underline denotes mentored author.

57. Fleece, H., **Wagner, N.J.**, Smith, K., Shakiba, N., Chronis-Tuscano, A., Novick, D., Druskin, L., Danko, C., & Rubin, K. (in press). Can Behaviorally Inhibited Preschoolers Make Friends? *Developmental Psychology*.
56. Paz, Y., Perkins, E.R., Colins, O., Perlstein, S., **Wagner, N.J.**, Hawes, S.W., Byrd, A., Viding, E. & Waller, R. (in press). Evaluating the Sensitivity to Threat and Affiliative Reward (STAR) Model in the ABCD Study. *Journal of Child Psychology and Psychiatry*.
55. Lynch, S.F., Perlstein, S., Ordway, C., Jones, C., Lembcke, H., Waller, R., [#]**Wagner, N.J.** (2024). Parasympathetic nervous system functioning moderates the associations between callous-unemotional traits and emotion understanding difficulties in late-childhood. *Children*.
<https://doi.org/10.3390/children11020184>
54. Plate, R.C., Powell, T., Bedford, R., Smith, T.J., Bamezai, A., Wedderburn, Q., Broussard, A., Soesanto, N., Swetlitz, C., Waller, R., & [#]**Wagner, N.J.** (2023). Social threat processing in adults and children: Faster orienting to, but shorter dwell time on, angry faces during visual search. *Developmental Science*.
<http://doi.org/10.1111/desc.13461>
53. **Wagner, N.J.**, Perkins, E., Rodriguez, Y., Ordway, C., Flum, M., Hernandez-Pena, L., Perelstein, P., Sem, K., Paz, Y., Plate, R., Popoola, A., Astone, K., Goldstein, E., Njoroge, W.F.M, Raine, A., Pincus, D., Pérez-Edgar, K., & Waller, R. (2023). Promoting Empathy and Affiliation in Relationships (PEAR) Study: Protocol for a Longitudinal Study Investigating the Development of Early Childhood Callous-Unemotional Traits. *BMJ Open*. doi:10.1136/ bmjopen-2023-072742
52. Novick, D. R., Meyer, C.T., **Wagner, N.J.**, Danko, C.M., Dougherty, L.R., Druskin, L. R., Smith, K.A., Rubin, K. H., & Chronis-Tuscano, A. (2023). Testing reciprocal associations between child anxiety and parenting across early interventions for inhibited preschoolers. *Journal of Child Psychiatry and Psychology*. doi:10.1111/jcpp.13879
51. Holochwost, S., Gomes, L., Coffman, J., **Wagner, N.**, & Propper, C. (2023). Parasympathetic Nervous System Activity During Self-Regulatory Tasks Predicts Subsequent School Readiness. *Mind, Brain, and Education*. <http://doi.org/10.1111/mbe.12376>
50. Druskin, L., Novick, D., Smith, K., Chronis-Tuscano, A., **Wagner, N.**, Pham, S., Fleece, H., Danko, C., & Rubin, K. (2023). Comparison of Behaviorally Inhibited and Typically Developing Children’s Play Behaviors

in the Preschool Classroom. *Frontiers in Psychology: Developmental Psychology*. doi: 10.3389/fpsyg.2023.1193915

49. Shakiba, N., Lynch, S.F., Propper, C. B., Mills-Koonce, W. R., & **Wagner, N. J.** (2023). Vagal flexibility moderates the links between observed sensitive caregiving in infancy and externalizing behavior problems in middle childhood. *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-023-01088-3>
48. Powell, T., Plate, R.C., Miron, C.D., **Wagner, N.J.**, **Waller, R.** (2023) Callous-unemotional Traits and Emotion Recognition Difficulties: Do Stimulus Characteristics Play a Role? *Child Psychiatry & Human Development*. <https://doi.org/10.1007/s10578-023-01510-3>
47. **Wagner, N.J.**, Shakiba, N., Bui, H., Sem, K., Novick, D.R., Danko, C.M., Dougherty, L.R., Chronis-Tuscano, A., & Rubin, K. (2023). Examining the Relations Between Children's Vagal Flexibility Across Social Stressor Tasks and Parent- and Clinician-Rated Anxiety Using Baseline Data from an Early Intervention for Inhibited Preschoolers. *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-023-01050-3>
46. Shakiba, N., Doron, G., Gordon-Hacke, A., Egotubo, A., **Wagner, N. J.**, & Gueron-Sela, N. (2023). Mother-infant emotional availability through the COVID-19 Pandemic: Examining continuity, stability and bidirectional associations. *Infancy*. <https://doi.org/10.1111/infa.12517>
45. Waldman, I., King, C., Poore, H., Lunningham, J., Zinbarg, R., Krueger, R., ... **Wagner, N.J.**, Watts, A., Wilson, S., Wright, Aidan, & Zald, D. (2023). Recommendations for Adjudicating Among Alternative Structural Models of Psychopathology. *Clinical Psychological Science*. <https://dx.doi.org/10.31234/osf.io/bksm7>
44. Holochwost, S.J., Winebrake, D.A., Brown, E., Happaney, K., **Wagner, N.J.**, & Mills-Koonce, R. (2023). An Ecological Systems Perspective on Individual Differences in Children's Performance on Measures of Executive Function. *Journal of Cognition and Development*. <https://doi.org.ezproxy.bu.edu/10.1080/15248372.2022.2160721>
43. Chester, M., Plate, R.C., Powell, T., Rodriguez, Y., **Wagner, N.J.**, & **Waller, R.** (2023). The COVID-19 Pandemic, Mask-Wearing, and Emotion Recognition During Late-Childhood. *Social Development*. <https://doi.org/10.1111/sode.12631>
42. Shakiba, N., Perlstein, S., Powell, T., Rodriguez, Y., Waller, R., & **Wagner, N. J.** (2023). Prospective associations between pandemic-related adversity, harsh parenting, and the development of prosociality across middle- to late-childhood. *Developmental Psychology*. <https://doi.org/10.1037/dev0001475>
41. Perlstein, S., **Wagner, N.J.**, Dominguez, B., Romero, L., Romero, E., & Waller, R. (2023). Psychometric properties, factor structure, and construct validity of the sensitivity to threat and affiliative reward scale (STARS) in children and adults. *Assessment*. <https://doi.org/10.1177/10731911221128946>
40. Levine, R.S., Smith, K.S., & **Wagner, N.J.** (2023). The impact of callous-unemotional traits on academics, behaviors, and relationships in school: A systematic review. *Child Psychiatry and Human Development*. <https://doi.org/10.1007/s10578-022-01344-5>
39. Darling, L.N., Holochwost, S., Coffman, J., Propper, C., & **Wagner, N.J.** (2022). Context is key: Parasympathetic Regulation in the Classroom Differentially Predicts Preschoolers' Socially Competent Behaviors. *Developmental Psychobiology*. doi:10.1002/dev.22246
38. Perlstein, S., Waller, R., **Wagner, N.J.**, & Saudino, K. (2022). Low social affiliation predicts increases in callous-unemotional behaviors in early childhood. *Journal of Child Psychology and Psychiatry*. doi:10.1111/jcpp.13466

37. Propper, C., Camerota, M., Tully, K., Gueron-Sela, N., & **Wagner, N.J.** (2022). Parenting and maternal reported child sleep problems in infancy predict school-age aggression and inattention. *Sleep Health*. <https://doi.org/10.1016/j.sleh.2021.11.010>
36. Chronis-Tuscano, A., Novick, D.R., Danko, C.M., Smith, K., **Wagner, N.J.**, Wang, C.H., Druskin, L., Dougherty, L.R., & Rubin, K.H. (2022). Early Intervention for Inhibited Young Children: A Randomized Controlled Trial Comparing The Turtle Program and Cool Little Kids. *Journal of Child Psychology and Psychiatry*. 10.1111/jcpp.13475
35. Lynch, S.F., Bedford, R., Propper, C., & **Wagner, N.J.** (2022). Examining links between infant parasympathetic regulation during the still-face paradigm and later callous-unemotional traits. *Research in Child and Adolescent Psychopathology*, 1-15. <https://doi.org/10.1007/s10802-021-00860-7>
34. **Wagner, N.J.**, Holochwost, S., Lynch, S., Mills-Koonce, R., & Propper, C. (2021). Characterizing change in vagal tone during the first three years of life: A systematic review and empirical examination across two longitudinal samples. *Neuroscience and Biobehavioral Reviews*, 129, 282-295. <https://doi.org/10.1016/j.neubiorev.2021.07.025>
33. Perlstein, S., Waller, R., **Wagner, N.J.**, Byrd, A., Vine, V., Jennings, J.R., & Stepp, S. (2021). Autonomic Nervous System Inflexibility During Parent-child Interactions is Related to Callous-unemotional Traits in Youth Aged 10-14 Years Old. *Research on Child and Adolescent Psychopathology*, 49(12), 1581-1592. <https://doi.org/10.1007/s10802-021-00849-2>
32. Domínguez-Álvarez, B., Romero, E., Lopez-Romero, L., Isdahl-Troye, A., **Wagner, N.J.**, & Waller, R. (2021). A Cross-Sectional and Longitudinal Test of the Low Sensitivity to Threat and Affiliative Reward (STAR) Model of Callous-Unemotional Traits among Spanish Preschoolers. *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-021-00785-1>
31. Swetlitz, C., Lynch, S., Propper, C., Coffman, J., & **Wagner, N.J.** (2021). Examining maternal reminiscing style as a protective factor in the intergenerational transmission of psychopathology. *Research on Child and Adolescent Psychopathology*. 10.1007/s10802-021-00790-4
30. **Wagner, N.J.**, Holochwost, S., Danko, C., Propper, C., & Coffman, J. (2021). Observed Peer Competence Moderates Links between Children's Observed Self-Regulation Skills and Academic Performance. *Early Childhood Research Quarterly*. 54, 286-293. <https://doi.org/10.1016/j.ecrces.2020.10.001>
29. Waller, R., Powell, T., Rodriguez, Y., Corbett, N., Perlstein, S., White, L., Barzilay, R., & **Wagner, N.J.** (2021). The impact of the COVID-19 pandemic on children's conduct problems and callous-unemotional traits. *Child Psychiatry and Human Development*. <https://doi.org/10.1007/s10578-020-01109-y>
28. ^Waller, R., ^**Wagner, N.J.**, Flom, M., Ganiban, J., & Saudino, K.J. (2021). Fearlessness and low social affiliation as unique developmental precursors of callous-unemotional behaviors in preschoolers. *Psychological Medicine*, 1-9. <https://doi.org/10.1017/S003329171900374X>
27. Waller, R., Corbett, N., Raine, A., **Wagner, N.J.**, Broussard, A., Edmonds, D., Reardon, S., Jones, C., Itkin-Ofer, M., Schell, T., & Neumann, C.S. (2021). Reduced sensitivity to affiliation and psychopathic traits. *Personality Disorders: Theory, Research, and Treatment*. 10.1037/per0000423
26. **Wagner, N. J.**, & Waller, R. (2020). Leveraging parasympathetic nervous system activity to study risk for psychopathology: The special case of callous-unemotional traits. *Neuroscience and Biobehavioral Reviews*. <https://doi.org/10.1016/j.neubiorev.2020.07.029>

25. **Wagner, N.J.**, Bowker, J., & Rubin, K. (2020). Associations between Callous-Unemotional Traits and Peer-Rated Social Behaviors in Elementary and Middle School. *Journal of Abnormal Child Psychology*. <https://doi.org/10.1007/s10802-020-00636-5>
24. **Wagner, N.J.**, Waller, R., Flom, M., Ronfard, S., Fenstermacher, S., & Saudino, K.J. (2020). Less imitation of arbitrary actions is a specific developmental precursor to callous-unemotional traits in early childhood. *Journal of Child Psychology and Psychiatry*. 10.1111/JCPP.13182
23. Rehder, P., Mills-Koonce, W.R., **Wagner, N.J.**, Willoughby, M.T., Zvara., B.J., & the Family Life Project Key Investigators (2020). Attachment Quality Assessed from Children's Family Drawings Predicts to Child Conduct Problems and Callous-Unemotional Behaviors. *Attachment and Human Development*. 1080/14616734.2020.1714676
22. Waller, R., **Wagner, N.J.**, Barstead, M.S., Subar, A., Petersen, J.L., Hyde, J.S., & Hyde, L.W. (2020). A Meta-Analysis of the Associations between Callous-Unemotional Traits and Empathy, Prosociality, and Guilt. *Clinical Psychology Review*. <https://doi.org/10.1016/j.cpr.2019.101809>
21. **Wagner, N.J.**, Mills-Koonce, W.R., Willoughby, M., Cox, M. & Family Life Project Key Investigators (2019). Parenting and cortisol in infancy interactively predict conduct problems and callous-unemotional behaviors in early childhood. *Child Development*, 90(1), 279-297. DOI: 10.1111/cdev.12900
20. Waller, R., & **Wagner, N. J.** (2019). The Sensitivity to Threat and Affiliative Reward (STAR) model and the development of callous-unemotional traits. *Neuroscience & Biobehavioral Reviews*, 107, 656–671. <https://doi.org/10.1016/j.neubiorev.2019.10.005>
19. Holochwost, S. J., Propper, C. B., Rehder, P. D., Wang, G., **Wagner, N. J.**, & Coffman, J. L. (2019). Parasympathetic Function: Relevance and Methodology for Early Education Research. *Journal of Research on Educational Effectiveness*, 12(4), 728–749. <https://doi.org/10.1080/19345747.2019.1631422>
18. **Wagner, N.J.**, Hastings, P., & Rubin, K. (2018). Children's autonomic functioning moderates links between maternal rejecting attitudes and preschool aggressive behaviors. *Developmental Psychobiology*, 60(6), 739-747. <https://doi-org.ezproxy.bu.edu/10.1007/s10802-017-0374-6>
17. Hastings, P., Rubin, K.H., Smith, K. & **Wagner, N.J.** (2018). Parents of behaviorally inhibited and socially withdrawn children. In M. Bornstein (Ed.), *Handbook of Parenting*. 3rd edition. New York: Routledge.
16. **Wagner, N.J.**, Gueron-Sela, N., Bedford, R., & Propper, C. (2018). Maternal attributions of infant behavior and parenting in toddlerhood predict teacher-rated internalizing problems in childhood. *Journal of Clinical Child and Adolescent Psychology*, 47, 569-577. <https://doi.org/10.1080/15374416.2018.1477050>
15. **Wagner, N.J.**, Hastings, P., & Rubin, K. (2018). Callous-Unemotional Traits and Autonomic Functioning in Toddlerhood Interactively Predict Externalizing Behaviors in Preschool. *Journal of Abnormal Child Psychology*, 46(7) 1439-1450. <https://doi-org.ezproxy.bu.edu/10.1007/s10802-017-0374-6>
14. Gueron-Sela, N, Bedford, R., **Wagner, N.J.**, & Propper, C. (2018). Children's executive function attenuate the link between maternal intrusiveness and internalizing behaviors at school entry. *Journal of Clinical Child and Adolescent Psychology*, 47, 435-444. <https://doi.org/10.1111/cdev.12900>
13. Rehder, P., Mills-Koonce, W.R., Willoughby, M., Garrett-Peters, P., & **Wagner, N.J.** (2017). Emotion recognition deficits among children with conduct problems and callous-unemotional behaviors: Differences by child race. *Early Childhood Research Quarterly*, 41, 174-183. <https://doi.org/10.1016/j.ecresq.2017.07.007>
12. **Wagner, N.J.**, Bedford, R., Mills-Koonce, W.R., & Willoughby, M. (2017). The role of infants' mother-directed gaze, maternal sensitivity, and emotion recognition in childhood callous unemotional behaviours.

European Child and Adolescent Psychiatry, 26(8), 947-956. <https://doi-org.ezproxy.bu.edu/10.1007/s00787-017-0967-1>

11. **Wagner, N.J.**, Camerota, M., & Propper, C. (2017). Prevalence and perceptions of electronic cigarette use during pregnancy. *Maternal and Child Health Journal*, 21(8), 1655-1661. DOI: 10.1007/s10995-016-2257-9
10. Gueron-Sela, N., Propper, C. B., **Wagner, N. J.**, Camerota, M., Tully, K. P., & Moore, G. (2017). Infant respiratory sinus arrhythmia and maternal depressive symptoms predict toddler sleep problems. *Developmental Psychobiology*, 59(2), 261-267. <https://doi.org/10.1002/dev.21480>
9. Gueron-Sela, N., **Wagner, N.J.**, Propper, C.B., Mills-Koonce, W.R., Moore, G.A., & Cox, M.J. (2017). The interaction between child respiratory sinus arrhythmia and early sensitive parenting in the prediction of children's executive functions. *Infancy*, 22(2), 171-189. DOI: 10.1111/infa.12152
8. **Wagner, N.J.**, Mills-Koonce, W.R., Willoughby, M.T., Propper, C., Rehder, P.D., & Gueron-Sela, N. (2017). Respiratory sinus arrhythmia and heart period in infancy as correlates of later oppositional defiant behaviors and callous-unemotional behaviors. *International Journal of Behavioral Development*. 41(1), 127-135. doi:10.1177/0165025415605391
7. **Wagner, N.J.**, Mills-Koonce, W.R., Propper, C., Willoughby, M.T., [§]Rehder, P.D., Moore, G., & Cox, M. (2016). Associations between infant behaviors during the face-to-face still-face paradigm and oppositional defiant and callous-unemotional behaviors in early childhood. *Journal of Abnormal Child Psychology*. 44(8), 1439-1453. doi: 10.1007/s10802-016-0141-0
6. Mills-Koonce, W.R., Willoughby, M., Garrett-Peters, **Wagner, N.J.**, P., Vernon-Feagans, L., & the Family Life Project Key Investigators (2016). The interplay among socioeconomic status, household chaos, and parenting in the prediction of child conduct problems and callous-unemotional behaviors. *Development and Psychopathology*. 28(3), 757-771. doi:10.1017/S0954579416000298
5. **Wagner, N.J.**, Propper, C., Gueron-Sela, N., & Mills-Koonce, W.R. (2016). Dimensions of maternal parenting and infants' autonomic functioning interactively predict early internalizing behavior problems. *Journal of Abnormal Child Psychology*, 44(3), 459-470. doi: 10.1007/s10802-015-0039-2
4. **Wagner, N.J.**, Mills-Koonce, W.R., Willoughby, M.T., Zvara, B., Cox, M., & the Family Life Project Key Investigators (2015). Parenting and children's representations of family predict disruptive and callous-unemotional behaviors. *Developmental Psychology*, 51(7), 935. doi: 10.1037/a0039353
3. Mills-Koonce, W. R., **Wagner, N. J.**, Willoughby, M. T., Stifter, C., Blair, C., & Granger, D. A. (2015). Greater fear reactivity and psychophysiological hyperactivity among infants with later conduct problems and callous-unemotional traits. *Journal Of Child Psychology And Psychiatry*, 56(2), 147–154. doi:10.1111/jcpp.12289
2. Zvara, B.J., Mills-Koonce W.R., Garrett-Peters, P., **Wagner, N.J.**, Vernon-Feagans, L., Cox, M. & the Family Life Project Key Contributors. (2014). The Mediating Role of Parenting in the Associations between Household Chaos and Children's Representations of Family Dysfunction, *Attachment and Human Development*, doi: 10.1080/14616734.2014.966124
1. Willoughby, M. T., Mills-Koonce, W., Gottfredson, N. C., & **Wagner, N. J.** (2014). Measuring callous-unemotional behaviors in early childhood: Factor structure and the prediction of stable aggression in middle childhood. *Journal Of Psychopathology And Behavioral Assessment*, doi:10.1007/s10862-013-9379-9

UNDER REVIEW

1. Winebrake, D. A., Huth, N., Gueron-Sela, N., Propper, C., Mills-Koonce, R., & #Wagner, N. J. (under revision). An examination of the relations between effortful control in early childhood and risk for later externalizing psychopathology: A bi-factor structural equation modeling approach.
2. McLaughlin, K., Grimes, M., Camerota, M., **Wagner, N. J.**, & Propper, C. (under review). Prenatal Tobacco Exposure and Infant Sleep: A Methodological Comparison.
3. Bui, H.N.T., Chronis-Tuscano, A., Perlstein, S., Shakiba, N., Rubin, K.H., Lorenzo, N.E., Novick, D.R., Danko, C.M., Dougherty, L.R., Wagner, N.J. (under review). Individual Differences in Parasympathetic Functioning across Social Stressor Tasks: Relations with Child and Parent Anxiety. *Infant and Child Development*.
4. Swetlitz, C., Wagner, N.J., Prasad, M., Ferranti, D., Gonfora, D., Goldberg, G., & Tompson, M. (under review). Maternal Reward Sensitivity and Parenting Behaviors in Middle Childhood.
5. Shakiba, N., Bui, H.N.T., Sem, K., Rubin, K.H., Novick, D. R., Danko, C.M., Chronis-Tuscano, A., & #Wagner, N.J (under review). Dyadic Physiological Concordance as a Neurobiological Marker of Sensitivity to Parenting Behaviors among Behaviorally Inhibited Children.
6. Sem, K., Shakiba, N., Rubin, K., Novick, D., Druskin, L., Smith, K., Danko, C., Chronis-Tuscano, A., & #Wagner, N.J. (under review). Associations Between Dyadic Language Style Matching and Classroom Observations of Behaviorally Inhibited Children's Sociability.

MEASURES

Waller, R., Chester, M., Rodriguez, Y., & Wagner, N. J. (2020). Development of the Parenting In a Pandemic Scale (PIPS). *PsyArXiv*, doi: 10.31234/[osf.io/vcfx5](https://doi.org/10.31234/osf.io/vcfx5)

Wagner, N. J., & Camerota, M. (2022). Daily Experience Survey. <https://doi.org/10.17605/OSF.IO/K49EH>

Perlstein, S., **Wagner, N. J.**, Domínguez-Álvarez, B., Gómez-Fraguela, J. A., Romero, E., & Waller, R. (2022). Psychometric Properties, Factor Structure, and Validity of the Sensitivity to Threat and Affiliative Reward Scale (STARS) in Children and Adults. Retrieved from osf.io/5qxv6

SYMPOSIA PRESENTATIONS (N=38)

2024

Huth, N., Vogel, S., Shakiba, N., Perkins, E., Paz, Y., Rosellini, A.J., Mills-Koonce, R., Broussard, A., Waller, R., & Wagner, N.J. (2024, May 15-19). *Identifying influential environmental and biological predictors of later callous-unemotional traits across systems and ages: A machine learning approach*. Paper presented at the 2024 Society for the Scientific Study of Psychopathy Biennial Conference, Paphos, Cyprus.

Broussard, A., Rosellini, A.J., Mills-Koonce, R., Willoughby, M.T., Vogel, S., Perkins, E., Paz, Y., Shakiba, N., Huth, N., Wagner, N.J., & Waller, R. (2024, May 15-19). *A Novel Longitudinal Test of the Sensitivity to Threat and Affiliative Reward (STAR) Model Using Machine Learning*. Paper presented at the 2024 Society for the Scientific Study of Psychopathy Biennial Conference, Paphos, Cyprus.

Perkins, E., Vogel, S., Rosellini, A.J., Paz, Y., Shakiba, N., Perlstein, S., Broussard, A., Huth, N., Wagner, N.J., & Waller, R. (2024, May 15-19). Using Machine Learning to Develop a Novel Early Childhood Screening Measure for Callous-Unemotional Traits in Early Adolescence. Paper presented at the 2024 Society for the Scientific Study of Psychopathy Biennial Conference, Paphos, Cyprus.

Wagner, N.J., Vogel, S., Huth, N., Willoughby, M., & Mills-Koonce, R. (2024, May 15-19). *Predictive relations between deprivation and threat exposure in infancy, nonlinear trajectories of hypothalamic-pituitary-adrenal*

axis functioning across the first four years of life, and later callous-unemotional traits. Paper presented at the 2024 Society for the Scientific Study of Psychopathy Biennial Conference, Paphos, Cyprus.

Sem, K., Shakiba, N., Rubin, K.H., Novick, D. R., Druskin, L.R., Smith, K., Danko, C. M., Chronis-Tuscano, A., & **Wagner, N.J.** (2024, March 2). Anxious Parent-Child Language Style Matching (LSM) Predicts Increased Behavioral Inhibition (BI) Post-Intervention. Paper presented at the Eastern Psychological Association, Philadelphia, PA, United States.

2023

Wagner, N.J., Shakiba, N., Bui, H., Novick, D., Sem, K., Danko, C., Rubin, K., & Chronis-Tuscano, A. (2023, June). *Examining the role of respiratory sinus arrhythmia in response to an early multi-component intervention for inhibited young children.* Oral Presentation at the biennial meeting for the International Society for Research in Child and Adolescent Psychopathology (ISRCAP). London, England.

Bui, H.N.T, Perlstein, S., Shakiba, N., Rubin, K.H., Sem, K., Lorenzo, N.E., Novick, D.R., Danko, C.M., **Wagner, N.J.** & Chronis-Tuscano, A. (2023, June). *Individual and interactive effects of child and parent anxiety on behaviorally inhibited young children's RSA across social stressor tasks.* Oral Presentation at the biennial meeting for the International Society for Research in Child and Adolescent Psychopathology (ISRCAP). London, England.

Shakiba, N., Novick, D. R., Sem, K., Bui, H.N.T., Danko, C. M., Druskin, L., Rubin, K. H., Chronis-Tuscano, A., & **Wagner, N. J.** (2023, March 23-25). *RSA synchrony as a neurobiological marker of susceptibility to parenting behaviors among behaviorally inhibited Preschoolers.* Flash talk paper presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT, United States.

Sem, K., Shakiba, N., Bui, H., Novick, D., Danko, C., Chronis-Tuscano, A., Rubin, K., & **Wagner, N. J.** (2023, March). *Examining Links Between Parent-Child Language Style Matching (LSM) and Observed Social Behaviors Using Pre-treatment Data From an Early Intervention for Inhibited Preschoolers.* Presented at the biennial meeting for the Society for Research in Child Development (SRCD). Salt Lake City, Utah.

Holochwost, S., Propper, C., **Wagner, N.**, & Coffman, J. (2023, March). *Parasympathetic Nervous System Activity in the Early Childhood Education Classroom: Associations with Teacher Behavior.* Presented at the biennial meeting for the Society for Research in Child Development (SRCD). Salt Lake City, Utah.

Winebrake, D., Rosellini, A., Waller, R., & **Wagner, N.J.** (2023, March). *Using Machine Learning to Identify Age- and Domain-Specific Biobehavioral Risk Factors for Callous-Unemotional Traits Across Infancy, Toddlerhood, and Early Childhood.* Presented at the biennial meeting for the Society for Research in Child Development (SRCD). Salt Lake City, Utah.

2022

Wagner, N. J., Shakiba, N., Bui, H.N.T., Sem, K., Novick, D. R., Danko, C. M., Chronis-Tuscano, A., & Rubin, K. H. (2022, November 9-11). *Examining the Relations between Preschool Children's Vagal Flexibility Across Social Stressor Tasks and Parent- and Clinician-Rated Anxiety.* Paper presented at the International Society for Developmental Psychobiology, San Diego, CA, United States.

Lynch, S.F., Perlstein, S., Waller, R., & **Wagner, N.J.** (2022, May) *Associations between callous-unemotional traits and emotion understanding during a social conflict film: The moderating role of parasympathetic nervous system functioning.* In S.F. Lynch & J. Allen (Co-Chairs), *Callous-unemotional traits and social-emotional functioning in children and young people.* Symposium to be conducted at the 9th Meeting for the Society for the Scientific Study of Psychopathy (SSSP). Online.

Shakiba, N., Perlstein, S., Powell, T., Rodriguez, Y., Waller, R., & **Wagner, N. J.** (2022). *A Longitudinal association between harsh parenting and childhood prosociality during the COVID-19 pandemic.* In N

Shakiba (Chair), The links between caregiving and cognitive and socioemotional development across infancy and childhood in the context of risk and adversity. Paper presentation at the 2022 Association for Psychological Science Annual Convention, Chicago, IL.

2021

Lynch, S., Propper, C., & **Wagner, N.J.** (2021). *Examining Links Between Infant Parasympathetic Regulation During the Still-Face Paradigm and Later Callous-Unemotional Traits*. Presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

Plate, R., Waller, R., & **Wagner, N.J.** (2021). *Emotional Competence from Infancy to Late Childhood*. Presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

Wagner, N.J., Rodriguez, Y., Corbett, N., Perlstein, S., White, L., Barzilay, R., & Waller, R. (2021). *The impact of the COVID-19 pandemic on families and children's externalizing psychopathology*. Presented in The Pandemic and the Mental Health of Parents and Children Across Pregnancy, Infancy, and Childhood (Chair Lauren White). Presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

Perlstein, S., Wagner, N.J., & Waller, R. (2021). *The Sensitivity to Threat and Affiliative Reward Scale (STARS) in Children and Adults*. Presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

2020

Wagner, N.J., Chronis-Tuscano, A., Danko, C., Smith, K., Novick, D., Druskin, L., & Rubin, K. (2020). *Links between parents' parasympathetic regulation and children's observed play behaviors in preschool: The moderating role of anxiety*. Presented at the 2020 53rd Annual Meeting of the International Society for Developmental Psychobiology.

Levine, R. S., **Wagner, N.** (2020). *Callous-unemotional traits in school: A systematic review and future directions for SEL*. Submission accepted for the 2020 SEL Exchange Research Publication.

Novick, D. R., Smith, K.A., Danko, C.M., Druskin, L.R., **Wagner, N.J.**, O'Brien, K., Rubin, K.H., Chronis-Tuscano, A. (2020, November). *The Turtle Program: PCIT for Young Children Displaying Behavioral Inhibition*. In C. Lieneman & C.B. McNeil (Co-chairs), Reaching Beyond Disruptive Behavior Disorders: New Directions for Parent-Child Interaction Therapy (PCIT) Research. Symposium to be presented at the annual conference of the Association for Behavioral and Cognitive Therapies. Philadelphia, PA.

Druskin, L. R., Smith, K. A., Novick, D. R., Danko, C. M., Fleece, H. M., **Wagner, N. J.**, Barstead, M. G., Chronis-Tuscano, A., & Rubin, K. H. (2020, June). A comparison of behaviorally inhibited and typically-developing children's play behaviors in the preschool classroom. In K. A. Smith & A. J. Santos (Co-chairs), Young Children's Behavior "In the Wild": Naturalistic Observations of Children's Social Engagement and Its Antecedents and Consequences. Symposium to be conducted at the International Society for the Study of Behavioural Development (ISSBD). Rhodes, Greece.

Wagner, N.J., Waller, R., Flom, M., Ronfard, S., Fenstermacher, S., & Saudino, K. (2020). Less imitation of arbitrary actions is a specific developmental precursor to callous-unemotional traits in early childhood. Symposium presented at the 2020 meeting of the Eastern Psychological Association in Boston, MA.

Fleece, H. M., Smith, K. A., Druskin, L. R., Novick, D. R., **Wagner, N.J.**, Danko, C. M., Chronis-Tuscano, A., & Rubin, K. H. (2020, June). The development of friendships in behaviorally inhibited preschoolers. In M. G. Lo Cricchio & A. J. Santos (Co-chairs), Children and Early Adolescents' Peer Relations and Adjustment. Symposium to be conducted at the International Society for the Study of Behavioural Development (ISSBD). Rhodes, Greece.

2019

Wagner, N.J., & Mills-Koonce, R. (2019). The role of maternal social support and depression in the emergence of CU traits across infancy and early childhood: A test of intergenerational moderation by polymorphisms of the serotonin 5-HT2A receptor gene. In *Development of psychopathic traits and Early Interventions*. Symposium presented at the 2019 Society for the Scientific Study of Psychopathy Biennial Meeting in Las Vegas, NV.

Wagner, N.J., Danko, C., Coffman, J., & Propper, C. (2019). Observed Peer Problems Moderate Links between Self-Regulation and Academic Achievement in Preschool. In S. Holochwost (Chair), *Self-Regulation and Early School Success: New Perspectives and Methodologies*. Symposium presented at the 2019 Society for Research in Child Development Biennial Meeting in Baltimore, MD.

Wagner, N.J. & Rubin, K. (2019). Associations between Callous-Unemotional Traits and Peer-Rated Social Behaviors in Elementary and Middle School. In M. Flom (Chair), *Elucidating the Correlates, Course, and Consequences of Early Callous-Unemotional Traits: A Developmental Science Perspective*. Symposium presented at the 2019 Society for Research in Child Development Biennial Meeting in Baltimore, MD.

2018

Danko, C.M., Felton, J.W., Woods, K.E., **Wagner, N.J.**, & Chronis-Tuscano, A. (2018, November). Integrated parenting intervention for mothers of children with ADHD: Moderating effects of maternal psychopathology. In A. Garcia (Chair), *As if parenting wasn't hard enough: The attenuating role of parental psychopathology on behavioral parent training*. Symposium presented at the 2018 annual conference of the Association for Behavioral and Cognitive Therapies. Washington, DC.

Wagner, N., Hastings, P., & Rubin, K. (2018) *Children's autonomic functioning moderates links between maternal rejecting attitudes and preschool aggressive behaviors*. In Early Childhood Aggression symposium conducted at the International Society for Research on Aggression conference in Paris, France.

Chronis-Tuscano, A., Danko, C.M., Novick, D.R., **Wagner, N.J.**, Barstead, M.G., Wang, C.H., Smith, K.A., Badders, R., O'Brien, K., Dougherty, L.R., Coplan, R., & Rubin, K.H. (2018, June). *The Turtle Program: PCIT for Young Children Displaying Behavioral Inhibition*. In S. Kurtz (Chair), PCIT Adaptations for Behaviorally Inhibited and Anxious Youth. Symposium conducted at the Inaugural Parent Child Interaction Therapy World Congress. Schweinfurt, Germany.

2017

Chronis-Tuscano, A., Danko, C.M., **Wagner, N.J.**, Barstead, M.G., Novick, D.R., Smith, K.A., Teetsel, R.N., Dougherty, L.R., O'Brien, K.A., & Rubin, K.H. (2017, November). *Multi-Modal Early Intervention Program for Behaviorally Inhibited Preschoolers*. In D. Sloan (Chair), New advances in Group CBT: Expanding the reach and context of interventions. Symposium conducted at the annual conference of the Association for Behavioral and Cognitive Therapies. San Diego, CA.

Barstead, M. G., Danko, C. M., **Wagner, N. J.**, Novick, D. R., Teetsel, R. N., Smith, K. A., Wang, C. W., Dougherty, L. R., Rubin, K. H., & Chronis-Tuscano, A. Response to early intervention for behavioral inhibition is moderated by parental anxiety. In C. Danko and **N. Wagner** (Co-chairs), *Innovative interventions for young behaviorally inhibited children*. Symposium submitted to present at the meeting of the International Society for Research on Child and Adolescent Psychopathology, Amsterdam, Netherlands.

Wagner, N.J., Mills-Koonce, W., Willoughby, M., & Cox, M (2017) *Caregiving and HPA axis functioning interactively predict conduct problems and callous-unemotional behaviors in childhood*. In **N. Wagner** and

W.R. Mills-Koonce (Co-Chairs), *Biopsychosocial Examinations of Emerging Conduct Problems and Callous Unemotional Behaviors: Multi-method, multi-system analyses*. Symposium presented at the 2017 Society for Research in Child Development Biennial Meeting in Austin, TX.

2015

Wagner, N.J., Mills-Koonce, W.R., Willoughby, M., Waschbusch, D., Zvara, B., & Cox, M (2015). *Parenting and children's representations of family predictor disruptive behaviors and callous-unemotional traits*. Paper presented at symposium entitled "Genetic and environment factors associated with early callous-unemotional behaviors and their associations with later development" at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

Wagner, N.J., Cole, V., Propper, C., & Mills-Koonce, W.R. (2015). *Longitudinal Latent Profile Analysis: An Innovative Approach to Modeling Trajectories of RSA in Early Childhood*. Paper presented at symposium entitled "Innovative Approaches to Unresolved Questions in the Study of Early Psychophysiological Development" at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

Cox, M.J., **Wagner, N.J.**, & Mills-Koonce, W.R. (2015). *Moderating pathways in the Associations between Maternal Support, Maternal Depressive Symptoms, and Child Psychopathology*. Paper presented at symposium entitled "Development of Developmental Psychopathology: The Legacy of Susan B. Campbell" at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

2010

Wagner, N.J. (2010). *Differences in Parenting Behaviors across Family Structures among African American Mothers of Young Children*. Paper presented at the 2010 Lantina(o) Graduate Student Alliance's Interdisciplinary Graduate Research Symposium, Tempe, AZ.

2009

Garrett-Peters, P.T., Mills-Koonce, W.R., **Wagner, N.J.**, Cox, M.J., & The Family Life Project Key Investigators (2009). *Contextual correlates of parenting behaviors among poor, rural, African American mothers*. Paper presented at the meeting for the Society for Research in Child Development, Denver, CO.

POSTER PRESENTATIONS (N=69)

2024

Perelstein, P., Shakiba, N., Sem, K., Aslan, O.M., Boz, M., Verissimo, M., Closson, L., Oh, W., Bowker, J., McDonald, K., Coppola, G., Liga, F., LoCoco, A., Kim, H.K., Ren., L, Rubin, K., **Wagner, N.J.** (2024, March 2). *Parenting practices and child emotion regulation over three months of the pandemic; the moderating role of cultural tightness*. Poster presented at the Eastern Psychological Association 2024 Conference, Philadelphia, PA, United States.

Huth, N., Winebrake, D., Gueron-Sela, N., Propper, C., Mills-Koonce, R., Bedford, R., & **Wagner, N.J.** (2024, March 1). *Links between childhood effortful control and externalizing psychopathology: A bi-factor modeling approach*. Poster presented at the Eastern Psychological Association 2024 Conference, Philadelphia, PA.

Swartz, A., Vogel, S., Huth, N., Andrews, K., Waller, R., & **Wagner, N.J.** (2024, March 2). *Secure attachment and child self-regulation: unraveling dynamics in conflict discussions*. Poster presented at the 2024 Eastern Psychological Association Conference, Philadelphia, PA, United States.

2023

Wagner, N.J., Shakiba, N., Bui, H., Novick, D., Sem, K., Danko, C., Rubin, K., & Chronis-Tuscano, A. (2023, June). *Neurophysiological correlates of parents' anxiety*. Poster Presentation at the biennial meeting for the International Society for Research in Child and Adolescent Psychopathology (ISRCAP). London, England.

Lynch, S.F., Rodriguez, Y., Plate, R., Waller, R., **Wagner, N.J.** (2023, March). *Exploring Patterns of Affiliation Underlying Callous-Unemotional Traits in Early Childhood Utilizing a Novel Computerized Assessment*. Poster presentation at the 2023 Society for Research on Child Development Biennial Meeting (Salt Lake City, Utah).

Winebrake, D. A., Sem, K., Shakiba, N., Bui, H., Novick, D., Danko, C., Chronis-Tuscano, A., Rubin, K., & **Wagner, N. J.** (2023, March). *Using machine learning to identify linguistic markers of parents' anxiety using baseline data from an early intervention for inhibited preschoolers*. Presented at the biennial meeting for the Society for Research in Child Development (SRCD). Salt Lake City, Utah.

Wagner, N. J., Shakiba, N., Sem, K., Bui, H.N.T., Novick, D. R., Danko, C. M., Chronis-Tuscano, A., & Rubin, K. H., (2023, March 23-25). *Neurophysiological correlates of parents' anxiety*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Salt Lake City, UT, United States.

Guedes, M., Ribeiro, O., Pham, S., Smith, K., **Wagner, N.J.,** Rubin, K., Verissimo, M., & Santos, A. (2023, March 23-25). *Parenting distress, hassles and practices during COVID-19 lockdown and preschoolers' socioemotional adjustment during reopening phase*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Salt Lake City, UT, United States.

Fleece, H., **Wagner, N.J.,** Smith, K., Shakiba, N., Chronis-Tuscano, A., Novick, D., & Rubin, K. (2023, March 23-25). *Can Behaviorally Inhibited Preschoolers Make Friends?*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Salt Lake City, UT, United States.

Doron, G., Shakiba, N., Gordon-Hacker, A., Egotubov, A., **Wagner, N. J.,** & Gueron-Sela, N. (2023, March). *Mother-infant emotional availability through the COVID19 pandemic: Examining continuity, stability, and bidirectional associations*. Poster presented at the biennial meeting of the Society for Research in Child Development (SRCD), Salt Lake City, UT, United States.

2022

Keefauver, T., Winebrake, D., Sem, K., Perelstein, P., Waller, R., & **Wagner, N.J.** (2022). *Linguistic markers of child respiratory sinus arrhythmia during an emotional memory task*. Poster presented at the 55th annual International Society for Developmental Psychobiology Conference, San Diego, California.

Andrews, K., Powell, T., Lynch, S., Shakiba, N., Waller, R., **Wagner, N.J.** (2022). *The Emotional Valence of a Film Clip is Associated with Dynamic Changes in Respiratory Sinus Arrhythmia Across the Clip*. Poster presented at the 55th annual International Society for Developmental Psychobiology Conference, San Diego, California.

Shakiba, N., Lynch, S.F., Propper, C. B., Mills-Koonce, W. R., & **Wagner, N. J.** (2022, November 9-11). *Child's vagal flexibility moderates the links between observed sensitive parenting in infancy and later externalizing problems*. Poster presented at the International Society for Developmental Psychobiology, San Diego, CA, United States.

Shakiba, N., Sem, K., Bui, H.N.T., Novick, D. R., Danko, C. M., Druskin, L., Dougherty, L. R., Rubin, K. H., Chronis-Tuscano, A., & **Wagner, N. J.** (2022, November 9-11). *Examination of moderators of treatment response in the context of early intervention for behaviorally inhibited young children*. Poster presented at the International Society for Developmental Psychobiology, San Diego, CA, United States

Sem, K., Shakiba, N., Bui, H., Novick, D. R., Danko, C.M., Druskin, L., Chronis-Tuscano, A., Rubin, K. H., & Wagner, N. J. (2022). *Associations between Parent-Child Language Style Matching (LSM) And Parent Skin Conductance Response (SCR)*. Poster presented at the 55th annual International Society for Developmental Psychobiology Conference, San Diego, California.

Sem, K., Shakiba, N., Bui, H., Novick, D. R., Danko, C.M., Druskin, L., Chronis-Tuscano, A., Rubin, K. H., & Wagner, N. J. (2022). *Less Restrictive Parenting Protects Against Anxiety for Children with High Resting RSA*. Poster presented at the 55th annual International Society for Developmental Psychobiology Conference, San Diego, California.

Wagner, N.J., Shakiba, N., Bui, H., Sem, K., Chronis-Tuscano, A., & Rubin, K. (2022) *Links between preschool children's dynamic respiratory sinus arrhythmia flexibility across social stressor tasks and anxiety across multiple informants*. Poster presented at the 6th Biennial Meeting of the International Society for the Study of Behavioral Development

2021

Lynch, S.F., Rodriguez, Y., Plate, R., Waller, R., Wagner, N.J. (2022, November 9-11). Validating a novel computerized assessment of affiliative mechanisms underlying social functioning in early childhood. Poster presented at the International Society for Developmental Psychobiology, San Diego, CA, United States.

Bui, H., Chronis-Tuscano, A., Rubin, K., & Wagner N.J. (2021). *RSA Synchrony and anxiety in parents and preschoolers*. Poster presented at the International Society for Developmental Psychobiology.

Lynch, S. & Wagner N.J. (2021). *The role of parasympathetic nervous system functioning in the links between callous-unemotional traits and deficits in affective perspective taking*. Poster presented at the International Society for Developmental Psychobiology.

Lynch, S. & Wagner N.J. (2021). *Parasympathetic nervous system functioning as a biological risk factor for callous-unemotional trait development: a meta-analytic review and empirical investigation*. Poster presented at the Society for the Scientific Study of Psychopathy Early Career Event (online).

Soesanto, N., Smith, K., Lynch, S., Powell, T., & Wagner, N.J. (2021). *Respiratory Sinus Arrhythmia Augmentation During Social Stress Predicts Elevated Callous-Unemotional Traits in Males*. Poster presented at the Society for the Scientific Study of Psychopathy Early Career Event (online).

Winebrake, D., & Wagner, N.J. (2021). *Children's effortful control moderates the predictive relations between observed sensitive caregiving in early childhood and later callous-unemotional traits*. Poster presented at the Society for the Scientific Study of Psychopathy Early Career Event (online).

Powell, T., Plate, R., Waller, R., & Wagner, N.J. (2021). *Emotion recognition deficits associated with callous-unemotional traits in children across static and dynamic stimuli*. Poster presented at the Society for the Scientific Study of Psychopathy Early Career Event (online).

Swetlitz, C., Lynch, S., Propper, C., Coffman, J., & Wagner, N.J. (2021). *Examining Maternal Elaborative Reminiscing as a Protective Factor in the Intergenerational Transmission of Psychopathology*. Poster presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

Winebrake, D., Wagner, N.J., & Hastings, P. (2021). *Examining Sex Differences in the Longitudinal Relations Between Callous-Unemotional Traits and Social Problems Across Childhood*. Poster presented at the 2021 Society for Research in Child Development Biennial Meeting (online). ****received a special designation at the Biennial as a Strategic Poster, reflecting important contributions in one of the areas prioritized in SRCD's mission and goals****

Powell, T., Plate, R., **Wagner, N.J.**, & Waller, R. (2021). *Stimulus characteristics influence emotion recognition performance*. Poster presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

Flom, M., **Wagner, N.J.**, & Saudino, K. (2021). *Do Early Callous-Unemotional Traits and Low Prosociality Differentially Predict Externalizing and Relational Adolescent Outcomes?* Poster presented at the 2021 Society for Research in Child Development Biennial Meeting (online).

2020

Lynch, S., Propper, C., & **Wagner, N.J.** (2020, October). *Examining links between parasympathetic regulation across the still-face paradigm and later callous-unemotional traits*. Poster presented at the 53rd Annual Meeting of the International Society for Developmental Psychobiology.

Swetlitz, C., Lynch, S.F., Propper C., Coffman, J., **Wagner, N.J.** (2020, November). *Examining maternal reminiscing style as a protective factor in the intergenerational transmission of psychopathology*. Poster presented at the 54th Annual Convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.

Druskin, L. R., Smith, K. A., Novick, D. R., **Wagner, N. J.**, Danko, C. M., Dougherty, L. R., Chronis-Tuscano, A., & Rubin, K. H. (2020, November). *Multi-method predictors of treatment response in the Turtle Program for children high in behavioral inhibition*. Poster to be presented at the 54th annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Philadelphia, PA.

Novick, D.R., Smith, K. A., Druskin, L. R., **Wagner, N. J.**, Barstead, M. G., Danko, C.M., Badders, R., Dougherty, L. Chronis-Tuscano, A., & Rubin, K. H. (June 2020). Associations between social anxiety, selective mutism, and observed play behaviors in behaviorally inhibited preschoolers. Poster accepted to be presented at the International Society for the Study of Behavioural Development (ISSBD). Rhodes, Greece.

Levine, R., Bowker, J., Rubin, K., & **Wagner, N.J.** (2020, March). Implications of Callous-Unemotional Traits for Academic, Social, and Behavioral Functioning in Schools. Poster accepted for presentation at the 2020 Eastern Psychological Association Meeting, Boston, MA.

Nelson Darling, L., Holochwost, S.J., Coffman, J., Propper, C.B., & **Wagner, N.J.** (2020, March). Physiological Regulation During Classroom Activities Differentially Predicts Children's Social Behaviors. Poster accepted for presentation at the 2020 Eastern Psychological Association Meeting, Boston, MA.

2019

Druskin, L. R., Smith, K. A., Novick, D. R., Barstead, M. G., Danko, C. M., Badders, R., **Wagner, N. J.**, Dougherty, L. R., Chronis-Tuscano, A., & Rubin, K. H. (2019, November). *The moderating effects of parent and child anxiety on the association between physiological regulation and parental accommodation*. Poster to be presented at the 53rd annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Atlanta, GA.

Soesanto, N., Levine, R., Darling, L.N., & **Wagner, N.J.** (October, 2019). *An investigation into the relations between peer-to-peer interactions and parasympathetic activity in pre-kindergarten classrooms*. Poster presented at the Undergraduate Research Opportunity Program research symposium, Boston, MA.

Novick, D.R., Barstead, M.G., Smith, K.A., Danko, C.M., Rubin, K.H., Badders, R.N., Druskin, L., **Wagner, N.J.**, Dougherty, L., Coplan, R.J., Chronis-Tuscano, A. (November, 2019). *Predictors and moderators of parent engagement in early intervention programs for behaviorally inhibited preschool age children*. Poster to be presented at the 53rd annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Atlanta, GA.

Antonides-Jensen, N., Levine, R., Soesanto, N., & Wagner, N.J. (2019, August). *Methods of Computing Physiological Data*. Poster presented at the RISE program research day, Boston, MA.

Druskin, L. R., Smith, K. A., Novick, D. R., Barstead, M. G., Danko, C. M., Badders, R., Wagner, N. J., Dougherty, L. R., Chronis-Tuscano, A., & Rubin, K. H. (2019, November). *The moderating effects of parent and child anxiety on the association between physiological regulation and parental accommodation*. Poster to be presented at the 53rd Association for Behavioral and Cognitive Therapies (ABCT) Annual Convention, Atlanta, GA.

Druskin, L. R., Barstead, M. G., Novick, D. R., Smith, K. A., Fleece, H. M., Wagner, N. J., Danko, C. M., Chronis-Tuscano, A., & Rubin, K. H. (2019, May). *Parasympathetic control moderates inhibited children's susceptibility to parental influences on play behaviors*. Poster to be presented at the 31st Association for Psychological Science (APS) Annual Convention, Washington, D.C.

Rehder, P. D., Mills-Koonce, W. R., Wagner, N. J., Willoughby, M. T., & The Family Life Project Key Investigators (2019). *Profiles of Infant Behavioral Reactivity, Cortisol Reactivity, and Emotion Regulation and Conduct Problems and Callous-Unemotional Behaviors in 1st Grade*. Poster to be presented at the 8th Biennial Meeting of the Society for the Scientific Study of Psychopathy.

Delinski, E., Smith, K., Rubin, K., Danko, C., Chronis-Tuscano, A., & Wagner, N.J. (2019). Parenting of Behaviorally Inhibited Children: A Comparison of Perceived Parenting Values and Observed Parenting Behaviors. Poster presented at the 2019 Society for Research in Child Development Biennial Meeting in Baltimore, MD.

2018

Novick, D.R., Danko, C.M., Barstead, M.G., Badders, R.N., Clinton, R., Wang, C.H., Smith, K.A., Wagner, N.J., Dougherty, L., Coplan, R.J., Rubin, K.H., & Chronis-Tuscano, A. (2018). Predictors and Moderators of Treatment Attendance in Early Intervention Programs for Behaviorally Inhibited Preschool Children. Poster presented at the 52nd annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Washington, DC.

Wang, C. H., Danko, C. M., Badders, R. N., Clinton, R., Novick, D. R., Barstead, M. G., **Wagner, N. J.**, Smith, K. A., Dougherty, L. R., Rubin, K. H., & Chronis-Tuscano, A. (November, 2018) *Maternal and Paternal Anxiety Disorders and Early Intervention Outcomes for Behaviorally Inhibited Preschool Children*. Poster to be presented at the 51st annual meeting of Association of Behavioral and Cognitive Therapies (ABCT), Washington, DC.

Wagner, N.J., Gueron-Sela, N., Bedford, R., & Propper, C. (2018) *Parental Attributions of Infant Behavior and Internalizing Problems in Toddlerhood*. Poster presented at the 2018 International Conference for Infant Studies Biennial Meeting in Philadelphia, PA.

Clinton, R. & Wagner, N.J. (2018) *Associations between Changes in Maternal Restrictiveness and Children's Anxiety across the Transition to High School*. Poster presented at the 2018 Society for Research on Adolescence Biennial Meeting in Minneapolis, Minnesota.

2017

Wang, C.H., Danko, C., Teetsel, R.N., Clinton, R., Novick, D.R., Andrea, A., Feeney, K., Miller, K., Barstead, M.G., **Wagner, N.J.**, PhD, Smith, K.A., Dougherty, L., Rubin, K.H., and Chronis-Tuscano, A. (2017) *Maternal and Paternal Anxiety Disorders and Early Intervention Outcomes for Behaviorally Inhibited Preschool Children*. Poster submitted to the 51st annual meeting of Association of Behavioral and Cognitive Therapies (ABCT), Meeting of the Parenting and Families Special Interest Group (SIG), San Diego, CA.

Wagner, N.J., & Rubin, K. (2017) *Callous-Unemotional Features and Autonomic Functioning in Toddlerhood Interactively Predict Externalizing Behaviors in Preschool*. Poster presented at the 2017 Journal of Clinical Child and Adolescent Psychology Future Directions Forum in College Park, MD.

Danko, C. M., **Wagner, N. J.**, Barstead, M., Novick, D. R., Teetsel, R. N., Smith, K. A., Wang, C. W., Dougherty, L. R., Rubin, K. H., & Chronis-Tuscano, A. Response to early intervention for behavioral inhibition is moderated by parental anxiety. Poster presented at the 2017 Journal of Clinical Child and Adolescent Psychology Future Directions Forum in College Park, MD.

Hamburger, S., Barstead, M., Smith, K., **Wagner, N.J.**, Danko, C., Chronis-Tuscano, A., & Rubin, K. (2017, May). *Influence of baseline physiology of behaviorally inhibited preschool children involved in early intervention*. Poster to be presented at the 29th Association for Psychological Science Annual Convention. Boston, MA.

Wagner, N.J., Danko, C., Chronis-Tuscano, A., Rubin, K., Coffman, J., & Propper, C. (2017) *Observed Peer Problems Moderate Links between Self-Regulation and Academic Achievement in Preschool*. Poster presented at the 2017 American Psychological Annual Convention in Washington D.C.

Wagner, N.J., Hastings, P., & Rubin, K. (2017) *Callous-Unemotional Features and Autonomic Functioning in Toddlerhood Interactively Predict Externalizing Behaviors in Preschool*. Poster presented at the 2017 Society for Research in Child Development Biennial Meeting in Austin, TX.

Wagner, N.J., Hastings, P., & Rubin, K. (2017) *Children's Autonomic Suppression Moderates Links between Maternal Rejecting Attitudes and Preschool Aggression*. Poster presented at the 2017 Society for Research in Child Development Biennial Meeting in Austin, TX.

Gueron-Sela, N., Propper, C., **Wagner, N.J.**, Camerota, M., Tully, K., & Moore, G. (2017) *Infant Respiratory Sinus Arrhythmia and Maternal Depressive Symptoms Predict Toddler Sleep Problems*. Poster presented at the 2017 Society for Research in Child Development Biennial Meeting in Austin, TX.

Novick, D., **Wagner, N.J.**, Gueron-Sela, N., Bedford, R., & Propper, C. (2017) *Parental Attributions of Infant Behavior, Intrusive Parenting and Internalizing in Toddlerhood*. Poster presented at the 2017 Society for Research in Child Development Biennial Meeting in Austin, TX.

2016

Wagner, N.J., Propper, C., Camerota, M., & Gueron-Sela, N. (2016). *Low Birth Weight, Parenting in Infancy, and Trajectories of Children's Sleep Problems Predict Teacher-Rated Attention and Aggression Problems*. Poster presented at the 2016 International Conference on Infant Studies, New Orleans, Louisiana.

Wagner, N.J., Mills-Koonce, W.R., Willoughby, M.T., & Cole, V. (2016). *Non-linear trajectories of psychobiological functioning across infancy and later externalizing psychopathology*. Poster presented at the 2016 International Conference on Infant Studies, New Orleans, Louisiana.

Camerota, M., **Wagner, N.J.**, & Propper, C. (2016). *Electronic Cigarette Use among Pregnant Women: Prevalence, Perceptions, and Implications for Infant Birth Weight*. Poster presented at the 2016 International Conference on Infant Studies, New Orleans, Louisiana.

2015

Wagner, N.J., Mills-Koonce, W.R., Willoughby, M., Cole, V., & [§]Rehder P. (2015) *Associations Between Developmental Patterns of Psychobiological Functioning and Later Conduct Problems and Callous-Unemotional Behaviors*. Poster presented at the 2015 Society for the Scientific Study of Psychopathy Biennial Meeting in Chicago, IL.

Wagner, N.J., Mills-Koonce, W.R., Propper, C., Willoughby, M., Moore, G., & Rehder P. (2015). *Associations Between Infant Behaviors During the Face-To-Face Still-Face Paradigm and Behavioral and Emotional Deviancy in Early Childhood*. Poster presented at the 2015 Society for the Scientific Study of Psychopathy Biennial Meeting in Chicago, IL.

Rehder, P., Mills-Koonce, W.R., **Wagner, N.J.**, Garrett-Peters, P., & Willoughby, M. (2015). *Lower Emotion Identification Accuracy among Young Children with Callous-Unemotional Behaviors*. Poster presented at the 2015 Society for the Scientific Study of Psychopathy Biennial Meeting in Chicago, IL.

Rehder, P., Mills-Koonce, W.R., **Wagner, N.J.**, & Willoughby, M. (2015). *Atypical Maternal Behaviors in Infancy Predict Early Measures of Oppositional Defiant Behaviors and Callous- Unemotional Behaviors at 3 years of Age*. Poster presented at the 2015 Society for the Scientific Study of Psychopathy Biennial Meeting in Chicago, IL.

Wagner, N.J., & Camerota, M. (2015). *Prevalence, patterns, and perceptions of electronic cigarette use in pregnant women*. Poster presented at the 2015 Center for Regulatory Research on Tobacco Communication Retreat, Chapel Hill, NC.

Propper, C., Chardon, M., Palmer, K., Poteat, J., Thomas, M., **Wagner, N.J.**, & Coffman, J. (2015) *Relations among child regulation, the Pre-K classroom, and aspects of kindergarten readiness*. Poster presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

Rehder, P., Mills-Koonce, W.R., **Wagner, N.J.**, Garrett-Peters, P., & Willoughby, M. (2015) *Lower Emotion Identification Accuracy among Young Children with Callous-Unemotional Behaviors*. Poster presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

Rehder, P., Mills-Koonce, W.R., **Wagner, N.J.**, Zvara, B., & Willoughby, M. (2015) *Attachment Quality Assessed from Children's Family Drawings Predicts Child Conduct Problems and Callous-Unemotional Behaviors*. Poster presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

Propper, C., Lewis, G., Iannotte, L., Murphy, M., Feeny, V., **Wagner, N.J.**, & Coffman, L. (2015). *School readiness associated with child RSA patterns during emotion and cognitive regulation tasks in preschool*. Poster presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

2014

Wagner, N.J., Mills-Koonce, W.R., Willoughby, M., Propper, C., Moore, G., & Rehder, P., (2014). *Infant regulatory behaviors inform conduct problem and callous-unemotional symptomology in early childhood*. Poster presented at the 2014 International Conference on Infant Studies, Berlin, Germany.

2013

Wagner, N.J., Mills-Koonce, W.R., Propper, C., & Cox, M.J. (2013). *The Emergence of Physiological Differences in Youth High on Conduct Problems and Callous-Unemotional Traits*. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA.

Wagner, N.J., & Mills-Koonce, W.R., (2013). *Patterns of Infant Autonomic and HPA Functioning among Children with Conduct Problems and Callous-Unemotional Traits in 1st Grade*. Poster presented at the 2013 Society of the Scientific Study of Psychopathy Biennial Meeting, Washington, DC.

Willoughby, M., Mills-Koonce, W.R., & **Wagner, N.J.**, (2013) *The Structure and Stability of Parent-Reported Callous Unemotional, Oppositional Defiant/Conduct, and Attention Deficit/Hyperactivity Behaviors from Age*

4 Years to 1st Grade. Poster presented at the 2013 Society of the Scientific Study of Psychopathy Biennial Meeting, Washington, DC.

SERVICE AND PROFESSIONAL MEMBERSHIPS

University Service

Fall 2023 **Emerging Scholars Symposium**, Co-Chair
Psychological and Brain Sciences, Boston University

2022 - 2023 **Social Sciences Curriculum Committee**, Chair (1-year term)
College of Arts & Sciences, Boston University

2020 - 2023 **Social Sciences Curriculum Committee**, Member (3-year term)
College of Arts & Sciences, Boston University

Summer 2022 **Dissertation Writing Institute**, Panelist
Educational Resource Center, Boston University

Summer 2021 **Q&A with BU Academia Scientists**, Panelist
RISE Summer Practicum Program, Boston University

Summer 2020 **Q&A with BU Academia Scientists**, Panelist
RISE Summer Practicum Program, Boston University

Departmental Service

Spring 2023 **Clara Mayo Research Awards**, Review Panel Member
Psychological and Brain Sciences, Boston University

Fall 2023 **Emerging Scholars Symposium**, Co-Chair
Psychological and Brain Sciences, Boston University

2022 - **Colloquium Committee**, Faculty Chair
Developmental Science Program, Boston University

Fall 2021 **Master's Proseminar**, Panel Member

Spring 2021 **Clara Mayo Research Awards**, Review Panel Member
Psychological and Brain Sciences, Boston University

Spring 2020 **Emerging Scholars Symposium Committee**, Member
Psychological and Brain Sciences, Boston University

Spring 2020 **Clara Mayo Research Awards**, Review Panel Member
Psychological and Brain Sciences, Boston University

Spring 2020 **Graduate Student Recruitment Committee Chair**
Developmental Science Program, Boston University

Fall 2019 **Kavita Jain Award**, Review Committee
Psychological and Brain Sciences, Boston University

Fall 2019 **Clara Mayo Research Awards**, Review Panel Member
Psychological and Brain Sciences, Boston University

2018 - **Diversity, Equity, and Inclusion Committee**, Co-chair
Psychological and Brain Sciences, Boston University

Outside Service

2024 **Consultant**, Lilly Endowment Character Attributes Initiative, *Boston Children's Museum*

2022 - **Communication Committee Member**, *Society for the Scientific Study of Psychopathy*

2022 - **Editorial Board Reviewer**, *Developmental Psychology*

2022 - **Editorial Board Reviewer (Consulting Editor)**, *Child Development*

2022 **Invited Reviewer, Panel 3: Biological Processes, Psychophysiology**
Society for Research in Child Development Biennial Meeting

2021 **Proposal Merit Review**, National Science Foundation, Developmental Science

2021 **External Examiner**, Department of Psychology, University of Sydney

2020 **Outside Search Committee Member**, FPG Child Development Institute

2020 The University of North Carolina at Chapel Hill
Invited Reviewer, Panel 6: Developmental Psychopathology
 Society for Research in Child Development Biennial Meeting

2020 **Invited Reviewer, Panel 3: Biological Processes, Psychophysiology**
 Society for Research in Child Development Biennial Meeting

2019 **External Examiner**, Department of Psychology, Macquarie University

2019 **Invited Expert Reviewer**, Harry Frank Guggenheim Foundation

2019 **Consultant**, Student Business Challenge
 Babson University

2019 **Consultant**, Multi-component Treatment for Behavioral Inhibition
 University of Maryland

2016 **Invited Reviewer, Panel 5: Developmental Psychopathology**
 Society for Research in Child Development Biennial Meeting

2016 **Field Committee for Developmental Science**
 Affiliate, University of Maryland

2015 **Featured Manuscript of the Month**
 Contributor, Society for the Scientific Study of Psychopathy

2013-2014 **Coordinator, Developmental Lunch Speaker Series**
 Dept. of Psychology, University of North Carolina

Professional Memberships (Current)

The Hierarchical Taxonomy of Psychopathology (HiTOP) Consortium
 American Psychological Association, Division 7
 The International Society on Infant Studies
 Society for Research in Child Development
 Association for Psychological Science
 International Society for Research on Aggression
 Eastern Psychological Association
 International Society for Developmental Psychobiology
 Society for the Scientific Study of Psychopathy
 International Society for Research in Child and Adolescent Psychopathology

Ad Hoc Reviewer

Journal of Child Psychology and Psychiatry; Journal of Abnormal Psychology; Neuroscience and Biobehavioral Development; Child Development; Child Psychiatry & Human Development; Social Development; Behaviour Research and Therapy; Infant Behavior and Development; Psychophysiology; Psychoneuroendocrinology; PLOS ONE; BMJ Open; Child Maltreatment; Journal of Child and Family Studies; Journal of Environmental Research and Public Health; Tobacco Prevention & Cessation; Tobacco Induced Diseases; Journal of Experimental Child Psychology; Developmental Psychobiology; Assessment; Aggressive Behaviors; JCPP Advances

MENTORSHIP AND ADVISING

Postdoctoral Advisees

2023 - Sarah Vogel, PhD
 2021 - 2024 Nila Shakiba, PhD (Current Position: Assistant Professor, Auburn University)
 2020 - 2021 Kelly Smith, PhD (Current Position: Education Specialist, Prince George's County Schools)

PhD Advisees

2023 - Nicole Huth
 2021 - Kathy Sem
 2019 - Sarah Lynch (Expected graduation May 2025)

PhD Committees

2024 – 2025	Diana Lopera Perez (Chair: Amanda Tarullo), Boston University
2024 – 2025	Arcadia Ewell (Chair: Amanda Tarullo), Boston University
2023 – 2025	Kathryn Davis (Chair: Kristin Long), Boston University
2023 – 2024	Praveen Kenderla (Chair: Melissa Kibbe), Boston University
2022 – 2023	Caroline Swetlitz (Chair: Marcy Tompson), Boston University
2022 – 2023	I-Tzu Hung (Chair: Kimberly Saudino), Boston University
2021 – 2022	Dani Novick (Chair: Andrea Chronis-Tuscano), Uni. of Maryland
2020 – 2021	Carri Fisher (Chair: David Hawes), University of Sydney, AUS
2019 – 2020	Megan Flom (Chair: Kimberly Saudino), Boston University
2019 – 2020	Adam Johns (Chair: Cathy McMahon), Macquarie University, AUS
2018 – 2020	Charu Tuladhar (Chair: Amanda Tarullo), Boston University
2018 – 2019	Alex Keller (Chair: Donna Pincus), Boston University
2018 – 2019	Matt Barstead (Chair: Ken Rubin), University of Maryland

Qualifying Committees

2022 – 2023	Arcadia Ewell, Qualifying Exam Committee (Chair: Amanda Tarullo), BU
2020 – 2021	Diana Lopera Perez, Qualifying Exam Committee (Chair: Amanda Tarullo), BU

Directed Study Advisees (Graduate)

Fall 2019	Caroline Swetlitz, Longitudinal Modeling and Mental Health
Fall 2018	Laura Nelson Darling, Psychophysiological Correlates of Emotion Regulation

Clinical Guest Labs (Graduate),

Spring 2023	Renata Botello, Social Adversity, Isolation, and Loneliness
Spring 2019	Caroline Swetlitz, Examining Links between Reward Processing and CU Traits

Master's Thesis Advisees (Graduate)

2023 – 2024	Amanda Swartz, Early Adversity and Physiological Regulation
2023 – 2024	Natasha Soesanto, Sleep and Regulation, Medical Sciences, MA
2022 – 2023	Marcos Coli, Fear Regulation
2020 - 2023	Deaven Winebrake, Effortful Control and CU traits
2022 – 2023	Yurim (Raina) Kim, Parenting and Attachment
2021 – 2022	Katarina Jevtic, Linguistic Markers of Parenting Behaviors
2020 – 2021	Nay Honain, Maternal Language and Parenting
2020 – 2021	Yue Sun, Representational Measures of Attachment
2019 – 2020	Michele Heiderst, Alcohol Use and Theory of Mind

Honor's Thesis Advisees (Undergraduate)

2023 – 2024	Renee Torio, Attachment and Language
2022 – 2023	Kendall Andrews, Dynamic Metrics of Regulation
2022 – 2023	Rutva Bhatt, Regulation and Risk for Psychopathy
2020 – 2021	Maya Delity, Anxiety and Attachment in Childhood
2020 – 2021	Natasha Soesanto, Physiological Regulation during Social Stress
2019 – 2020	Gabrielle Johnson, Attention Bias and Anxiety: Moderating Role of Parenting

Honor's Thesis Committees

Spring 2023	Allie Chodes (Chair: Kathleen Corriveau), Boston University
Spring 2020	Miriam Kamens (Chair: Amanda Tarullo), Boston University

Directed Study Advisees (Undergraduate)

Spring 2023	Rutva Bhatt, KHC Honor's in Human Biology and Anxiety
Spring 2023	Kendall Andrews, Physiology and Emotion
Fall 2022	Kendall Andrews, Physiology and Emotion

Spring 2020 Cameron Cooper, Stress Regulation and Hostile Attribution Bias

Undergraduate Research Opportunities (UROP) – Competitive Award

Spring 2023 Krishi Shah, COVID-19 Stressors and Parenting
Fall 2023 Ari Faraday, Fear Behaviors and Risk for Anxiety
Spring 2023 Tori Keefauver, Maternal Language and Risk for Anxiety
Spring 2023 Renee Torio, Anxiety and Attachment
Spring 2022 Tori Keefauver, Maternal Language and Risk for Anxiety
Spring 2022 Kendall Andrews, Dynamic Physiological Regulation during Mood Induction
Spring 2022 Erin Duffy, COVID-19 and the Impact on Families
Fall 2021 Kendall Andrews, Dynamic Physiological Regulation during Mood Induction
Fall 2021 Erin Duffy, COVID-19 and the Impact on Families
Summer 2021 Erin Duffy, COVID-19 and the Impact on Families
Spring 2021 Elizabeth Hinds, Maternal Language and Children's Regulation
Spring 2020 Maya Delity, Impact of Early Trauma on Stress Regulation
Spring 2020 Natasha Sosento, Physiological Regulation in Preschoolers
Summer 2019 Natasha Sosento, Physiological Regulation in Preschoolers
Fall 2019 Natasha Sosento, Physiological Regulation in Preschoolers

RISE Summer Interns

Summer 2023 Eden Park
Summer 2023 Sophia Lam
Summer 2019 Natalie Antonides-Jensen

NSF Graduate Research Fellowship Program

Fall 2022 Andrew Koepp, UT Austin
Fall 2021 Tralucia Powell, Boston University

NIH F31 Predoctoral National Research Service Award

Fall 2023 Sharada Krishnan, Boston University (collaborator)

TEACHING

Spring Sem. Repeating **Statistics in Psychology II** (graduate level)
PS712, Boston University

Fall Sem. Repeating **Psychology of the Family** (undergraduate level)
PS370, Boston University

Spring 2023 **Advanced Quantitative Methods** (graduate level)
PS718, Boston University

Spring 2021 **Advanced Quantitative Methods** (graduate level)
PS718, Boston University

Spring 2020 **Emotion** (graduate level)
PS704, Boston University

2015 – 2016 **Introduction to Structural Equation Modeling**
Instructor of Record: Nicholas J. Wagner, PhD
The Odum Institute
University of North Carolina at Chapel Hill

2009 – 2011 **5th and 6th Grade Teacher, Teach For America**
Phoenix, Arizona

MEDIA AND PRESS

- 2023 **On That Point Interview, BUTv10**
Parenting in the Digital Age
- 2021 **Arts & Sciences Magazine**
The Science of Parenting
By Andrew Thurston
- 2021 **Bostonia**
The Toll on Children's Health during COVID-19
By Eric Moskowitz
- 2021 **National Geographic**
"Too much togetherness might stress out kids"
By Kelley Heyworth
- 2020 **Reddit**
Ask Me Anything (AMA)
- 2020 **International Society for Research on Aggression Blog**
Callous-unemotional Traits: Differentiating early risk for aggressive behaviors.
By Rebecca Levine and Nicholas Wagner
- 2020 **Medium**
"How do you Parent in a Pandemic?"
- 2020 **AFP News**
"US school shutdowns raise concerns for children's future"
By Catherine Triomphe
- 2020 **Forbes Magazine**
"A conversation about the impacts of the pandemic on children's development"
- 2020 **Reddit AMA**
Parenting during the pandemic
- 2020 **News Fox 7 (Denver)**
"Why Americans are so desperate to return to normal"
By Chris Conte
- 2020 **Fox 4 News (Florida)**
"Why Americans are so desperate to return to normal"
By Chris Conte
- 2020 **The Brink**
"How to parent during the pandemic"
- 2020 **Futurity**
"Child Psychology has Wisdom for Pandemic Parenting"
By Katherine Gianni
- 2020 **Medium**
"How Do You Parent in a Pandemic?"
By Katherine Gianni
- 2020 **Psychology Today**
"A New Understanding of Psychopathy's Core"
By Susan Whitebourne
- 2020 **Futurity**
"How Children Play Reveals Risk for Antisocial Behavior"
By Maggie Fiore
- 2020 **The Brink**
"How Children Play with Others Can Reveal their Risk for Antisocial Behavior"
By Maggie Fiore
- 2020 **Futurity**
"Fearless Kids May Develop Callous Traits"
By Michele Berger, Published 1/7/20
- 2020 **Penn Today**

- 2020 *"A new link between fear, imitation, and antisocial behavior in children"*
By Michele Berger, Published 1/6/20
EurekAlert!
- 2019 *"A new link between fear, imitation, and antisocial behavior in children"*
By Michele Berger, Published 1/6/20
Reuters Health
- 2018 *"Women who vape around pregnancy may wrongly think it safe"*
By Carolyn Crist, Published 3/6/19
TERP Magazine
- 2017 *"Out of their Shells"*
By Chris Carroll, Published 1/9/18
UMD Research Roundup
- 2017 *"Study: For Infants, Parenting and Stress Physiology Interact to Predict Behavior Problems"*
By Audrey Hill, Published 8/17/17
Time Magazine
- 2015 *"The New Way To Prevent Anxiety in Kids"*
By Andrea Peterson; Published 6/9/2017
Wilson Daily Times
- 2015 *"The Clock is Ticking: Wilson Native Heading to Regional Dissertation Competition"*
By Stephanie Creech; Published 12/26/2015
Carolina Connection Radio Program
- 2014 *"3 Minute Thesis Competition"*
WCHL 97.9 FM; Aired 11/7/2014
National Public Radio
- 2014 *"Kids' Drawings Speak Volumes About Home"*
By Will Huntsberry; Published 12/8/2014
New York Magazine
- 2014 *"What Kids' Drawings Reveal About Their Homes"*
By Melissa Dahl; Published 12/10/2014
The Huffington Post
- 2014 *"Your Kids May Not Be Able To Say If They're Having Trouble—
But They Can Draw It"*
By Rebecca Adams; Published 12/15/2014

ADVANCED RESEARCH TRAINING

- 2018 **NIH Regional Seminar**
Washington DC
- 2015 **Data Matters: Data Science Training**
National Consortium for Data Science
Renaissance Computing Institute
University of North Carolina at Chapel Hill
- 2015 **Future Faculty Fellowship Program**
Center for Faculty Excellence
University of North Carolina at Chapel Hill
- 2015 **Adult and Infant Saliva Collection**
Biobehavioral Lab, School of Nursing
University of North Carolina at Chapel Hill
- 2015 **Latent Curve Modeling**
University of North Carolina at Chapel Hill
Instructor: Dr. Patrick Curran
- 2015 **SAS Programming**
The University of North Carolina at Chapel Hill
Instructor: Dr. Jessica Johnson
- 2013 **Parent-Child Interaction Behavioral Coding**

- 15 to 36 months; Toxic Stress
CDS Observes; The Center for Developmental Science
2013 **The Individualized Classroom Assessment**
Scoring System (inCLASS)
Center for Advanced Study of Teaching and Learning
University of Virginia; Instructor: Keshia Hudson
Reliable since: 11/8/2013
- 2013 **An Introduction to Genetics**
Duke University; Center for Developmental Science
Instructors: Drs. Karen Sugden and Dan Belsky
- 2013 **Qualitative Research Summer Intensive**
Mixed Methods: From Design to Dissemination
The Odum Institute and ResearchTalk Inc.
Instructor: Dr. Paula Carder
- 2013 **Inter-Beat Interval Editing for Heart Period**
Variability Analysis: An Integrated Training Program
With Standards for Student Reliability Assessment
Keri Heilman, Ph.D. & Stephen W. Porges, Ph.D.
The Brain-Body Center, University of Illinois at Chicago
Reliable since: 5/21/2013
- 2013 **Graphical Data Analysis and Presentation**
University of North Carolina at Chapel Hill
Instructor: Dr. David Thissen
- 2012 **Introduction to Structural Equation Modeling**
Daniel Bauer & Patrick Curran
Curran-Bauer Analytics, LLC.
- 2012 **Introduction to Multilevel Modeling**
Daniel Bauer & Patrick Curran
Curran-Bauer Analytics, LLC.
- 2012 **Applied Multilevel Modeling**
Duke University
Instructor: Dr. Nisha Gottfredson
- 2011 – 2012 **Parent-Child Interaction Behavioral Coding**
58 months and first grade; Family Life Project
University of North Carolina at Chapel Hill
- 2011 **Physiological Data Collection**, Mindware Technologies
University of North Carolina at Chapel Hill
- 2007 **Adult Attachment Interview**
University of North Carolina at Chapel Hill

OTHER QUALIFICATIONS

Data Analysis: Generalized Linear Models; Structural Equation Models; Latent Curve Models; Hierarchical Linear Models; Growth Mixture Models; Logistic and OLS Regression Models; Data Management
Packages: SAS; SPSS; Mplus; R; Cardio Edit; Cardio Batch; Biopac Acknowledge; Noldus Observer; SR Eyelink Data Viewer and Experiment Builder; Office Suite
Data Collection and Coding: Parent-Child Interactions; Adult Attachment Interview; Individualized classroom assessment scoring system (inCLASS); Physiological data collection (Mindware, Actiwatch/Actiheart); Heart Rate Inter-Beat Interval Editing; Adult and Infant Saliva