

Curriculum Vita: Esther M. Leerkes

Human Development & Family Studies
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EDUCATION

University of Vermont (UVM), Burlington, VT (Ph.D. 2002, M.A. 1999)
Experimental/Developmental Psychology, Advisor Susan Crockenberg, Ph.D.
Thesis title: *The development of maternal self-efficacy and its influence on maternal behavior*
Dissertation title: *Correlates of maternal sensitivity to infant distress: Childhood history, maternal emotional competencies, and infant temperament*

State University of New York at Potsdam, NY (B.A. 1996, summa cum laude)
Double Major: Psychology & Mathematics

PROFESSIONAL EXPERIENCE

2019- *Jefferson Pilot Excellence Professor* of Human Development and Family Studies, UNCG

2017- *Associate Dean of Research*, School of Health and Human Sciences, UNCG

2013- *Professor* of Human Development and Family Studies, UNCG

2009 - 2013 *Associate Professor* of Human Development and Family Studies, UNCG

2006 - present *Faculty Affiliate*, Center for Developmental Science, UNC Chapel Hill

2003 - 2009 *Assistant Professor* of Human Development and Family Studies, UNCG

2002 - 2003 *Postdoctoral Fellow*. Collaborated with Dr. Susan Crockenberg to create and pilot an intervention for temperamentally fearful infants. UVM

1999 – 2003 *Outcomes Evaluation Project Coordinator*. Chittenden County United Way, Burlington, VT.

1996-2002 *Research Assistant*. Projects focused on infant reactivity and regulation with Dr. Susan Crockenberg. UVM

RESEARCH INTERESTS

My primary research centers on parent-child relationships in infancy and early childhood. Within this area, I have pursued two primary themes: 1) identifying psychological, emotional, cognitive, contextual and biological factors that contribute to sensitive maternal behavior, particularly in response to negative child emotions, and 2) examining pathways by which specific dimensions of parenting/sensitivity are linked with subsequent child

outcomes (e.g., attachment, emotion regulation, adjustment to school, obesity risk) and how this may vary as a function of child traits, particularly temperamental negative emotionality. My research consists of longitudinal studies of diverse families and includes observational, physiological, molecular genetic, interview, and self-report methods.

PEER REVIEWED PUBLICATIONS

* Denotes co-author is/was a graduate student or post-doctoral research associate

94. Leerkes, E.M. & *Qu, J. (in press). The My Emotions Questionnaire: A new self-report of mothers' emotional reactions to infant crying. *Infant Mental Health Journal*.

93. Leerkes, E.M., *Bailes, L. G. & *Augustine, M. (in press). The intergenerational transmission of emotion socialization. Invited submission for *Developmental Psychology* special issue on emotion socialization.

92. Cote-Arsenault, D., Leerkes, E.M., & *Zhou, N. (in press). Individual differences in maternal, marital, parenting and child outcomes following perinatal loss: A longitudinal study. *Journal of Reproductive and Infant Psychology*.

91. *Su, J., Supple, A., Leerkes, E.M., & I-Chun Kuo, S. (in press). Latent trajectories of alcohol use from early adolescence to young adulthood: Interaction effects between *5-httlpr* and parenting quality and gender differences. *Development and Psychopathology*.

90. Augustine, M. & Leerkes, E.M. (2019). Associations between maternal physiology and maternal sensitivity vary depending on infant distress and emotion context. *Journal of Family Psychology*, *33*, 412-421.

89. *Zeytinoglu, S., Calkins, S. D., & Leerkes, E. M. (2019). Maternal emotional support but not cognitive support during problem-solving predicts increases in cognitive flexibility in early childhood. *International Journal of Behavioral Development*, *43*, 12-23.

88. *Isbell, E., Calkins, S. D., *Swingler, M.S., & Leerkes, E. M. (2019). Longitudinal associations between cognitive control and academic performance in early childhood: an event-related potentials study. *Development and Psychobiology*, *61*, 495-512.

87. Verhage, M.L., Pasco Fearon, R.M., Schuengel, C., van IJzendoorn, M.H., Bakermans-Kranenburg, M.J....& The Collaboration on Attachment Transmission Synthesis. (2018). Examining ecological constraints on the intergenerational transmission of attachment via individual participant data meta-analysis. *Child Development*, *89*, 2023-2037.

86. *Augustine, M., Leerkes, E.M., & Calkins, S.D. (2018). Relations between early maternal sensitivity and toddler self-regulation: Exploring variation by oxytocin and dopamine D2 receptor genes. *Developmental Psychobiology*, *60*, 789-804.

85. *Su, J., *Augustine, M.E., & Leerkes, E.M. (2018). DRD4 interacts with adverse life events in predicting maternal sensitivity via emotion regulation. *Journal of Family*

Psychology, 32, 783-792.

84. Leerkes, E.M., & *Zhou, N. (2018). Maternal sensitivity to distress and attachment outcomes: Interactions with sensitivity to non-distress and infant temperament. *Journal of Family Psychology*, 32, 753-761.

83. *Qu, J. & Leerkes, E.M. (2018). The joint effect of infants' vagal tone and distress in predicting behavior problems at preschool: A person-centered approach. *Developmental Psychobiology*, 60, 707-721.

82. Swingler, M.M., Isbell, E., Zeytinoglu, S., Calkins, S. D., & Leerkes, E.M. (2018). Maternal Behavior Predicts Neural Underpinnings of Inhibitory Control in Preschoolers. *Developmental Psychobiology*, 60, 692-706.

81. *Cao, H., *Zhou, N., *Qu, J. & Leerkes, E.M. (2018). Multiple domains of new mothers' adaptation: Interrelations and roots in childhood maternal non-supportive emotion socialization. *The Journal of Family Psychology*, 32, 575-587.

80. *Halliday, S. E., Calkins, S. D., & Leerkes, E. M. (2018). Measuring preschool learning engagement in the laboratory. *Journal of Experimental Child Psychology*, 167, 93-116.

79. *Isbell, E., Calkins, S. D., Swingler, M. M., & Leerkes, E. M. (2018). Attentional fluctuations in preschoolers: Direct and indirect relations with task accuracy, academic readiness, and school performance. *Journal of Experimental Child Psychology*, 167, 388-403.

78. Middlemiss, W. Grzywacz, J., Leerkes, E.M., Reboussin, B.A., & Suerken, C. (2018). Supporting lower-income working women to initiate breastfeeding: Learning who is breastfeeding and what helps. *Journal of the American Association of Nurse Practitioners*, 30, 519-528.

77. *Norcross, P.L, *Zhou, N. & Leerkes, E.M. (2017). Examining pathways linking maternal depressive symptoms in infancy to children's behavior problems: The role of maternal unresponsiveness and negative behaviors. *Infant Behavior & Development*, 238-247.

76. Gartstein, M., Prokasky, A., Bell, M.A., Calkins, S., Bridgett, D., Braungart-Rieker, J., Leerkes, E.M., Cheatham, C., Eiden, R., Mize, K., Jones, N., Mireault, G., & Seamon, E. (2017). Latent profile and cluster analysis of infant temperament: Comparisons across person-centered approaches. *Developmental Psychology*, 53, 1811-1825.

75. Leerkes, E.M. & *Qu, J. & (2017). The Maternal (Non) Responsiveness Questionnaire: A new self report of parenting during infancy. *Infant and Child Development*, 26:e1992 DOI: 10.1002/icd.1992

74. *Zhou, N., *Cao, H., Leerkes, E.M. (2017). Interparental conflict and infants' behavior problems: Direct effects and the differential mediating roles of maternal sensitivity in distress and nondistress contexts. *Journal of Family Psychology*, 31, 464-474.

73. *Perry, N., Leerkes, E. M., *Dunbar, A. S., & *Cavanaugh, A. M. (2017). Gender and ethnic differences in young adults' emotional reactions to parental punitive and minimizing emotion socialization practices. *Emerging Adulthood, 5*, 83-92.
72. Raby, K.L., Yarger, H.A., Lind, T., Fraley, R.C., Leerkes, E.M., & Dozier, M. (2017). Attachment states of mind among internationally adoptive and foster parents. *Development & Psychopathology, 29*, *Special Issue: Attachment in the Context of Atypical Caregiving: Harnessing Insights From a Developmental Psychopathology Perspective*, 365-378.
71. Leerkes, E.M., *Gedaly, L.R., *Zhou, N., Calkins, S.D., Heinrich, V. & Smolen, A. (2017). Further evidence of the limited role of candidate genes in relation to infant-mother attachment outcomes. *Attachment & Human Development, 19*, 76-105.
70. Leerkes, E.M., *Su, J., Calkins, S.D., A.J., Heinrich, V. & Smolen, A. (2017). Variation in mothers' arginine vasopressin receptor 1a and dopamine receptor D4 predicts maternal sensitivity via social cognition. *Genes, Brain & Behavior, 16*, 233-240.
69. *Zeytinoglu, S., Leerkes, E.M., Swingle, M. & Calkins, S.D. (2017). Pathways from maternal effortful control to child self regulation: The role of maternal emotional support. *Journal of Family Psychology, 31*, 170 -180. (Special Section: Mind and Matter II: New Insights on the Role of Parental Cognitive and Neurobiological Functioning in Process Models of Parenting)
68. *Dunbar, A. S., Leerkes, E. M., Coard, S., Supple, A. J., & Calkins, S. D. (2017). An integrative conceptual model of parental racial and emotion socialization and links to child development among African American families. *Child Development Perspectives, 11*, 16-22.
67. *Blankson, A.N., *Weaver, J.M., O'Brien, M., Leerkes, E.M., Calkins, S.D., & Marcovitch, S. (2017). Cognitive and emotional processes as predictors of a successful transition into school. *Early Education and Development, 28*, 1-20.
66. Leerkes, E.M., *Su, J., Calkins, S.D., Supple, A.J., O'Brien, M. (2017). Maternal physiological arousal and regulation while caregiving pose risk for subsequent infant attachment disorganization and behavior problems. *Development and Psychopathology, 29*, 245-257.
65. Leerkes, E.M., *Su, J. Reboussin, B.A., Daniel, S.S., Payne, C.C., & Grzywacz, J.G. (2017) Establishing the measurement invariance of the Very Short Form of the Infant Behavior Questionnaire Revised for mothers who vary on race and poverty status. *Journal of Personality Assessment, 99*, 94-103.
64. Grzywacz, J., Leerkes, E.M., Reboussin, B.A., Suerken, C., Payne, C.C., & Daniel, S.S. (2016). Nonstandard maternal work schedules and infant mental health in impoverished families: A brief report. *Infant Behavior & Development, 45*, 18-21.
63. *Gedaly, L.R. & Leerkes, E.M. (2016). The role of sociodemographic risk and maternal behavior in the prediction of infant attachment disorganization. *Attachment & Human Development, 18*, 554-569.

62. Leerkes, E.M., *Su, J., Calkins, S.D., Supple, A.J., O'Brien, M. (2016). Pathways by which mothers' physiological arousal and regulation while caregiving predict sensitivity to infant distress. *Journal of Family Psychology, 30*, 769-779.
61. *Qu, J., Leerkes, E.M., & *King, E. (2016). Mother-infant attachment predicts preschoolers' emotion regulation behaviors two years later. *Infant Behavior & Development, 44*, 144-147.
60. *Van Shagen Johnson, A., Leerkes, E.M., Reboussin, B.A., M., Daniel, S.S., Payne, C.C., & Grzywacz, J.G. (2016). Measuring negative affect using the Infant Behavior Questionnaire-Revised Very Short Form in a low income, diverse sample. *Infant Behavior and Development, 42*, 100-103.
59. Leerkes, E.M., Supple, A.J., *Su, J., & *Cavanaugh, A. (2015). Links between childhood emotion socialization and adult well-being: Similarities and differences for African American and European American women. *Journal of Family Issues, 36*, 1854-1877.
58. Lunkenheimer, E.H. & Leerkes, E.M. (2015). Innovative methods in the science of Parent-child relations. *Infant & Child Development, 24*, 215-219.
57. *Perry, N.B., *Cavanaugh, A.M., *Dunbar, A.S., Leerkes, E.M. (2015). Maternal punitive reactions to children's negative emotions and young adult anger: The effect of gender and emotional closeness. *Marriage & Family Review, 51*, 229-245.
56. *Dunbar, A. S., *Perry, N., *Cavanaugh, A. M., & Leerkes, E. M. (2015). African American parents' emotion socialization and adult emotion adaptation: The moderating effect of racial socialization. *Cultural Diversity & Ethnic Minority Psychology, 21*, 409-419.
55. *Blankson, A. N., O'Brien, M., Leerkes, E.M., Calkins, S.D., & Marcovitch, S. (2015). Does hours spent watching television at age 3 and 4 predict vocabulary and executive functioning at age 5? *Merrill Palmer Quarterly, 61*, 264-289.
54. Leerkes, E.M., Supple, A.J., O'Brien, M., Calkins, S.D., *Haltigan, J.D., Wong, M., & Fortuna, K. (2015). Antecedents of maternal sensitivity to infant distress: Integrating attachment, social information processing, and psychobiological perspectives. *Child Development, 86*, 94-111.
53. Marcovitch, S., O'Brien, M., Calkins, S.D., Leerkes, E.M., *Miner-Weaver, J., & Levine, D.W. (2015). A longitudinal assessment of the relation between executive function and Theory of Mind at 3, 4, and 5 years. *Cognitive Development, 33*, 40-55.
52. *Haltigan, J. D., Leerkes, E. M., Wong, M. S., Fortuna, K., Roisman, G. I., Supple, A. J., & ... Plamondon, A. (2014). Adult attachment states of mind: Measurement invariance across ethnicity and associations with maternal sensitivity. *Child Development, 85*(3), 1019-1035. doi:10.1111/cdev.12180
51. *Perry, N., Nelson, J., Calkins, S.D., Leerkes, E.M., O'Brien, M. & Marcovitch, S. (2014).

Early physiological regulation predicts the trajectory of externalizing behavior problems across the preschool period. *Developmental Psychobiology*, 56, 1482-1491.

50. *Parade, S. H., Blankson, A., Leerkes, E. M., Crockenberg, S. C., & Faldowski, R. (2014). Close relationships predict curvilinear trajectories of maternal depressive symptoms over the transition to parenthood. *Family Relations: An Interdisciplinary Journal of Applied Family Studies*, 63(2), 206-218. doi:10.1111/fare.12065

49. Putnam, S. P., Helbig, A. L., Gartstein, M. A., Rothbart, M. K., & Leerkes, E. (2014). Development and assessment of Short and Very Short Forms of the Infant Behavior Questionnaire–Revised. *Journal of Personality Assessment*, 96(4), 445-458. doi:10.1080/00223891.2013.841171

48. *Haltigan, J. D., Leerkes, E. M., Supple, A. J., & Calkins, S. D. (2014). Infant negative affect and maternal interactive behavior during the still-face procedure: The moderating role of adult attachment states of mind. *Attachment & Human Development*, 16(2), 149-173. doi:10.1080/14616734.2013.863734

47. *Mathews, M.E., Leerkes, E.M., Lovelady, C. & Labban, J. (2014). Psychosocial predictors of breastfeeding initiation and duration. *Journal of Human Lactation*, 30, 480-487.

46. Leerkes, E.M., Supple, A.J., & *Gudmundson, J. (2014). Ethnic differences in emotional reactions to parental emotion minimization. *Marriage and Family Review*, 50, 435-446.

45. *Nelson, J.A., O'Brien, M., Grimm, K.J., Leerkes, E.M., & Calkins, S.D. (2014). Identifying mother-child interaction styles using a person-centered approach. *Social Development*, 22(3), 485-498.

44. *Mokrova, I., O'Brien, M., Calkins, S.D., Leerkes, E.M., & Marcovitch, S. (2013). The role of persistence at preschool age in academic skills at kindergarten. *European Journal of Psychology of Education*, 28(4), 1495-1503.

43. *Nelson, J., Leerkes, E.M., *Perry, N., O'Brien, M., Calkins, S.D., & Marcovitch, S. (2013). Associations between mothers' emotion socialization practices and child competence vary in African American and European American families. *Social Development*, 22, 485-498.

42. *Perry, N., *Nelson, J., *Swingler, M., Leerkes, E.M., Calkins, S.D., O'Brien, M., & Marcovitch, S. (2013). The relation between maternal emotional support and child physiological regulation across the preschool years. *Developmental Psychobiology*, 55, 382-394.

41. *Blankson, A.N., O'Brien, M., Leerkes, E.M., Marcovitch, S. & Calkins, S.D. (2013). Developmental dynamics of emotion and cognition processes in preschoolers. *Child Development*, 84, 346-360.

40. *Parade, S.H., Leerkes, E.M., & Helms, H. (2013). Remembered parental rejection and postpartum declines in marital satisfaction: Moderated dyadic links. *Family Relations*, 62, 298-311.

39. *Nelson, J.A., de Lucca Freitas, L.B., O'Brien, M., Calkins, S.D., Leerkes, E.M., & Marcovitch, S. (2013). Preschool-aged children's understanding of gratitude: Relations with emotion and mental state knowledge. *British Journal of Developmental Psychology*, *31*, 42-56.
38. *Haltigan, J.D., Leerkes, E.M., *Burney, R.V., O'Brien, M., Supple, A.J., & Calkins, S.S. (2012). The Infant Crying Questionnaire: Initial factor structure and validation. *Infant Behavior & Development*, *35*, 876-883.
37. *Perry, N., Calkins, S.D., *Nelson, J., Leerkes, E.M., & Marcovitch, S. (2012). Mothers' responses to children's negative emotions and child emotion regulation: The moderating role of vagal suppression. *Developmental Psychobiology*, *54*, 503-513.
36. *Nelson, J., O'Brien, M., Calkins, S.D., Leerkes, E.M., & Marcovitch, S. (2012). Maternal expressive style and children's emotional development. *Infant & Child Development*, *21*, 267-286.
35. Leerkes, E.M. & Wong, M.S (2012). Infant distress and regulatory behaviors vary as a function of attachment security regardless of emotion context and maternal involvement. *Infancy*, *17*, 455-478.
34. Leerkes, E.M., *Weaver, J.M., & O'Brien, M. (2012). Differentiating maternal sensitivity to infant distress and non-distress cues. *Parenting: Science & Practice*, *12*, 175-184. (Special volume based on proceedings from the Workshop on Social and Biological Determinants of Parenting sponsored by The Centre for Research in Parenting, University of Toronto, Toronto, Canada.)
33. *Gudmundson, J. & Leerkes, E.M. (2012). Links between mothers' coping strategies, toddler reactivity, and sensitivity to toddler's negative emotions. *Infant Behavior and Development*, *158-166*.
32. *Nelson, J., Leerkes, E.M., O'Brien, M., Calkins, S.D., & Marcovitch, S. (2012). African American and European American mothers' beliefs about negative emotions and emotion socialization practices. *Parenting: Science & Practice*, *12*, 22-41.
31. *Blankson, A.N., O'Brien, M., Leerkes, E.M., Calkins, S.D., & Marcovitch, S. (2012). Differentiating processes of control and understanding in the early development of emotion and cognition. *Social Development*, *21*, 1-20.
30. *Mokrova, I., O'Brien, M., Calkins, S.D., Leerkes, E.M., & Marcovitch, S. (2012). Family social status and preschoolers' persistence: The role of maternal values and quality of parenting. *Infant & Child Development*, *21*, 617-633.
29. Leerkes, E. M. (2011). Maternal sensitivity during distressing tasks: A unique predictor of attachment security. *Infant Behavior & Development*, *34*, 443-446.

28. *Parade, S. H. & Leerkes, E.M. (2011). Marital aggression predicts infant orienting toward mother at six months. *Infant Behavior & Development*, 34, 235-238.
27. Leerkes, E.M., *Parade, S.H., & *Gudmundson, J. (2011). Mothers' emotional reactions to crying pose risk for subsequent attachment insecurity. *Journal of Family Psychology. Special section on parenting at risk*, 25, 158-166.
26. Leerkes, E.M., *Blankson, A.N., O'Brien, M., Calkins, S.D., & Marcovitch, S. (2011). The relation of maternal emotional and cognitive support during problem solving to pre-academic skills in preschoolers. *Infant and Child Development*, 20, 353-370.
25. *Blankson, A. N., O'Brien, M., Leerkes, E. M, Marcovitch, S., & Calkins, S. D. (2011). Shyness and vocabulary: The role of executive functioning and home environmental stimulation. *Merrill-Palmer Quarterly*, 57, 105-128.
24. O'Brien, M., *Weaver, J.M., *Nelson, J.A., Calkins, S.D., Leerkes, E.M., & Marcovitch, S. (2011). Longitudinal associations between children's understanding of emotions and Theory of Mind. *Cognition and Emotion*, 25, 1074-1086.
23. Grzywacz, J.G., Daniel, S.S., *Tucker, J.M., *Walls, J. & Leerkes, E.M. (2011). Nonstandard work schedules and developmentally generative parenting practices: An application of propensity score techniques. *Family Relations*, 60, 45-59.
22. Leerkes, E. M., *Parade, S.H., & *Burney, R.V. (2010). Origins of mothers' and fathers' beliefs about infant crying. *Applied Developmental Psychology*, 31, 467-474.
21. Leerkes, E. M. (2010). Predictors of maternal sensitivity to infant distress. *Parenting: Science and Practice*, 10, 219-239.
20. *Burney, R.V. & Leerkes, E.M. (2010). Links between mothers' and fathers' perceptions of infant temperament and coparenting. *Infant Behavior & Development*, 33, 125-135.
19. *Parade, S.H., Leerkes, E.M., & *Blankson, A. N. (2010). Attachment to parents and the close relationships of college freshmen. *Journal of Youth and Adolescence*, 39, 127-137.
18. Marcovitch, S., *Leigh, J., Calkins, S.D., O'Brien, M., Leerkes, E. M., & *Blankson, A. N. (2010). Moderate vagal withdrawal in 3.5-year-old children is associated with optimal performance on executive function tasks. *Developmental Psychobiology*, 52, 603-608.
17. Leerkes, E.M., *Blankson, A.N., & O'Brien, M. (2009). Differential effects of sensitivity to infant distress and non-distress on social-emotional functioning. *Child Development*, 80, 762-775.
16. Burrous, C.E., Crockenberg, S.C., & Leerkes, E.M. (2009). Developmental history of care and control, depression and anger: Correlates of maternal sensitivity in toddlerhood. *Infant Mental Health Journal*, 30, 103-123.

15. Daniel, S.S., Grzywacz, J.G., Leerkes, E.M., *Tucker, J.M., & Han, W. (2009). Nonstandard maternal work schedules during infancy: Implications for children's early behavior problems. *Infant Behavior & Development, 32*, 195-207.
14. *Parade, S.H. & Leerkes, E.M. (2008). The reliability and validity of the Infant Behavior Questionnaire-Revised. *Infant Behavior & Development, 31*, 637-646.
13. Leerkes, E. M., Paradise, M., Calkins, S., O'Brien, M., & Lange, G. (2008). Emotion and cognition processes in preschoolers. *Merrill Palmer Quarterly, 54*, 102-124 .
12. Crockenberg, S. C., Leerkes, E. M., & Barrig Jo, P. S. (2008). Predicting aggressive behavior in the third year from infant reactivity and regulation as moderated by maternal behavior. *Development and Psychopathology, 20*, 37-54.
11. Leerkes, E. M. & *Burney, R. V. (2007). The development of parenting efficacy among new mothers and fathers. *Infancy, 12*, 45-67.
10. Crockenberg, S. C., Leerkes, E. M., & Lekka, S. (2007). Pathways from marital aggression to infant emotion regulation: The development of withdrawal in infancy. *Infant Behavior and Development, 30*, 97-113. (Special section: Emergent family systems).
9. Leerkes, E. M. & Crockenberg, S. C. (2006). Antecedents of mothers' emotional and cognitive responses to infant distress: The role of mother, family, and infant characteristics. *Infant Mental Health Journal, 27*, 405-428.
8. Leerkes, E. M. & *Siepak, K. J. (2006). Attachment linked predictors of women's emotional and cognitive responses to infant distress. *Attachment and Human Development, 8*, 11-32.
7. Crockenberg, S. C. & Leerkes, E. M. (2006). Infant and maternal behavior moderate reactivity to novelty to predict anxious behavior at 2.5 years. *Development and Psychopathology, 18*, 17-34.
6. Crockenberg, S. C. & Leerkes, E. M. (2005). Infant temperament moderates associations between child care type and quantity and externalizing and internalizing behaviors at 2 ½. *Infant Behavior & Development, 28*, 20-35.
5. Crockenberg, S. C. & Leerkes, E. M. (2004). Infant and maternal behaviors regulate infant reactivity to novelty at 6 months. *Developmental Psychology, 40*, 1123-1132.
4. Leerkes, E. M. , Crockenberg, S. C., & Burrous, C. E. (2004). Identifying components of maternal sensitivity to infant distress: The role of maternal emotional competencies. *Parenting: Science & Practice, 4*, 1-23.

3. Leerkes, E. M. & Crockenberg, S. C. (2003). The impact of maternal characteristics and sensitivity on the concordance between maternal reports and laboratory observations of infant negative emotionality. *Infancy, 4*, 517-539.
2. Crockenberg, S. C. & Leerkes, E. M. (2003). Parental acceptance, postpartum depression, and maternal sensitivity: Mediating and moderating processes. *Journal of Family Psychology, 17*, 80-93.
1. Leerkes, E. M. & Crockenberg, S. C. (2002). The development of maternal self-efficacy and its influence on maternal behavior. *Infancy, 3*, 227-247.

INVITED CHAPTERS

9. Leerkes, E.M. & *Bailes, L.G. (in press). Early emotional development in the family context. In V. LoBue, K. Perez-Edgar, & K. Buss (Eds.). *Handbook of Emotional Development*. Springer.
8. Leerkes, E.M. & *Augustine, M. (2019). Parenting and Emotions. In M. H. Bornstein (Ed.), *Handbook of Parenting, 3rd ed, Vol 3. Being and Becoming a Parent* (pp. 620-653). New York: Routledge.
7. Leerkes, E. M., & *Qu, J. (2019). Families with infants and young children. In B. H. Fiese, M. Celano, K. Deater-Deckard, E. N. Jouriles, & M. A. Whisman (Eds.), *APA handbook of contemporary family psychology: Foundations, methods, and contemporary issues across the lifespan., Vol. 1.* (pp. 575–591). Washington, DC: American Psychological Association
6. Leerkes, E.M., *Gedaly, L. & *Su, J. (2016). Parental sensitivity and infant attachment. In L. Balter & C.S. Tamis-LeMonda (Eds). *Child Psychology: A Handbook of Contemporary Issues, 3rd edition.* (pp. 21-41). New York: Psychology Press.
5. Leerkes, E.M. & *Parade, S.H. (2015). A psychobiological perspective on emotional development within the family context. In S.D. Calkins (Ed). *Handbook of infant development: Biopsychosocial perspectives* (pp. 206-231). New York: Guilford.
4. Crockenberg, S.C. & Leerkes, E.M. (2011). Parenting infants. In D.W. Davis & M.C. Logsdon (Eds.). *Maternal sensitivity: A scientific foundation for practice* (pp. 125-143). Hauppauge, NY: Nova Science Publishers, Inc.
3. Calkins, S.D. & Leerkes, E.M. (2011). Early attachment processes and the development of emotional self-regulation. In K.D. Vohs & R.F. Baumeister (Eds), *Handbook of self-regulation: Research, theory and applications, 2nd ed.* (pp. 355-373)New York: Guilford.
2. Crockenberg, S. & Leerkes, E. M. (2003). Negative infant emotionality and the development of family relationships in infancy and early childhood. In A. C. Crouter & A. Booth (Eds.) *Children's influence on family dynamics: The neglected side of family*

relationships. (pp. 57-78). Mahwah, NJ: Erlbaum.

1. Crockenberg, S. & Leerkes, E. (2000). Infant social and emotional development in the family context. In C. Zeanah (Ed.). *The Handbook of Infant Mental Health*, 2nd Edition (pp. 60-90). New York: Guilford.

EDITED VOLUMES

Lunkenheimer, E.H. & Leerkes, E.M. (Co-editors) (2015). Special issue: Innovations in the study of parent child-relations. *Infant & Child Development*, 24, 215-363.

ENCYCLOPEDIA ENTRIES

*Dunbar, A.S. & Leerkes, E.M. (2018). Emotion socialization. In M. Bornstein (Ed.), *The Sage Encyclopedia of Lifespan Development* (pp. 739-740). Thousand Oaks, CA: Sage

Leerkes, E.M., *Gedaly, L.R., & *Qu, J. (2018). Attachment. In M. Bornstein (Ed.), *The Sage Encyclopedia of Lifespan Development* (pp. 171-175). Thousand Oaks, CA: Sage

Leerkes, E.M. & *Norcross, P.L. (2018). Difficult children. In M. Bornstein (Ed.), *The Sage Encyclopedia of Lifespan Development* (pp. 625-626). Thousand Oaks, CA: Sage

PUBLICATIONS UNDER REVIEW

*Dunbar, A.S., Leerkes, E.M., Supple, A.J., Coard, S.I., & Calkins, S.D. (under review). Racism and beliefs about emotion consequences predict African American and European American mothers' responses to children's negative emotions.

*Dunbar, A.S., Leerkes, E.M., Coard, S.I., & Supple, A.J. (under review). Discrimination, ethnic identity and emotion beliefs predict African American mothers' racial/ethnic and emotion socialization.

*Zeytinoglu, S., Calkins, S. D., & Leerkes, E. M. (under review). Autonomic nervous system functioning in early childhood: Responses to emotional and cognitive challenges.

*Cao, H., *Zhou, N., Su, J., & Leerkes, E.M. (under review). The etiology of maternal postpartum depressive symptoms: A biosychosocial model integrating childhood emotional maltreatment, couple relationship satisfaction, and oxytocin and dopamine D4 receptor genes.

*Cao, H., *Zhou, N. & Leerkes, E.M. (under review). Childhood emotional maltreatment and couple functioning among women across the transition to parenthood: A process model integrating attachment, emotion regulation, and psychological distress perspectives.

PUBLICATIONS IN PREPARATION

Leerkes, E.M., *Bailes, L., & *Augustine, M.E. (in preparation). Longitudinal stability in maternal social cognition about infant crying: The role of maternal and infant states and traits.

*Zeytinoglu, S., Calkins, S. D., & Leerkes, E. M. (in preparation). Sympathetic and parasympathetic cardiac autonomic nervous system responses during emotional and cognitive challenges in early childhood.

*Bailes, L.G. & Leerkes, E.M. (in preparation). Predicting insensitive maternal behaviors from maternal personality and causal attributions: Direct and indirect effects

*Augustine, M. & Leerkes, E.M. (in preparation). Relations between maternal behaviors and child behavior problems vary by interactive context and child temperament types.

*Dunbar, A. S., Leerkes, E. M., Supple, A. J., Coard, S. I. (in preparation). Parental racial socialization and young Black children's social-emotional adjustment: The moderating role of responses to negative emotions.

*Halliday, S. E., Calkins, S.D., & Leerkes, E.M. (in preparation). Learning engagement across the transition to school: Investigating the measurement of learning engagement and the effects of early emotion regulation.

INVITED TALKS

Leerkes, E.M. (2016, April). *Implications of maternal arousal & regulation for maternal sensitivity & infant adjustment*. Paper presented at the HDFS colloquium series, University of Texas at Austin.

Leerkes, E.M. (2014, November). *Preparing children for school: The role of emotionally supportive parenting*. Paper presented at the Child and Family Research Network Conference on Developmental Perspectives on Learning from Birth to College. Greensboro, NC.

Leerkes, E. M. (2014, October). *Origins and outcomes of maternal sensitivity to infant distress*. In Advances in Child Development and Behavior Research Speaker Series sponsored by the Child Development and Behavior Branch in the Division of Extramural Research, NICHD, Rockville, MD

Leerkes, E.M. (2013, November). Implications of maternal arousal & regulation for maternal sensitivity & infant adjustment. In *Development of Individual Differences in Emotion Regulation and Dysregulation Across the Life Span*. Proseminar of the Carolina Consortium on Human Development. Chapel Hill, NC.

Leerkes, E.M. (2013, April). Invited discussant: Child effects on parenting. In Barnett, M. E. (chair). *Interactive influences of child gender and temperament on early childhood parenting behaviors*. Symposium presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.

- Leerkes, E.M. (2012, June). Invited discussant: New perspectives on child effects in the family. In Brooker, R. & Kiel, E. (co-chairs). *Early temperament effects on parent emotion, behavior, and symptoms: How infants may contribute to their own early anxiety risk*. Symposium presented at the International Conference on Infant Studies, Minneapolis, Minnesota.
- Leerkes, E.M. & *Gudmundson, J. (2011, June). *Adult attachment classifications predict pregnant women's physiological responses to and perceptions of crying infants*. Paper presented at the 11th International Cry Workshop, Zeist, Netherlands.
- Leerkes, E.M. (2010, October). *Differentiating maternal sensitivity to infant distress and non-distress cues*. Paper presented at the Workshop on Social and Biological Determinants of Parenting sponsored by The Centre for Research in Parenting, University of Toronto, Toronto, Canada.
- Crockenberg, S. & Leerkes, E. M. (December, 2001). *The role of child temperament and emotional regulation on the development of family relationships in infancy and early childhood*. Paper presented at the Penn State National Symposium: Children's influence on family dynamics: The neglected side of family relationships; University Park, PA.

POSTERS & PRESENTATIONS (Peer-Reviewed)

- Leerkes, E.M., *Bailes, L. & *Augustine, M.E. (March 2019). *The intergenerational transmission of emotion socialization*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- Swingler, M. M., *Tilley, D. & Leerkes, E.M. (March 2019). *Baseline EEG asymmetry in women is associated with responses to distress cues*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Bailes, L. & Leerkes, E.M. (March 2019). *Predicting insensitive maternal behavior from maternal personality and causal attributions: Direct and indirect effects*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Norcross, P. & Leerkes, E.M. (March 2019). *Adult attachment predicting maternal sensitivity: Role of causal attributions*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Augustine, M.E. & Leerkes, E.M. (March 2019). *Relations between maternal behaviors and child behavior problems vary by interactive context and child temperament*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Qu, J. & Leerke, E.M. (March 2019). *The joint effect of marital conflict and maternal sensitivity within the first year in the prediction of infant attachment*. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.

- *Isbell, E., *Zeytinoglu, S., Leerkes, E.M., & Calkins, S.D. (March 2019). *Transactional associations between children's attentional fluctuations and maternal emotional support in early childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Halliday, S., *Zeytinoglu, S., *Isbell, E., Calkins, S.D. & Leerkes, E.M. (March 2019). *Emotional and cognitive predictors of learning engagement across the transition to school*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Zeytinoglu, S., *Halliday, S., *Isbell, E., Leerkes, E.M., & Calkins, S.D. (March 2019). *Maternal supportive behaviors moderate the association between emotional regulation and learning engagement in early childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- *Zeytinoglu, S., Calkins, S.D., & Leerkes, E.M. (March 2019). *Relations between profiles of autonomic nervous system functioning and self-regulation in early childhood*. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- Leerkes, E.M. & *Su, J. (July 2018). *Mothers' self-reported emotion regulation predicts infant outcomes*. Poster presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- Leerkes, E.M. & *Qu, J. (July 2018). *My Emotions: A new self-report of mothers' emotional reactions to infant crying*. Poster presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- *Norcross, P. & Leerkes, E.M. (July 2018). *Examining pathways linking maternal depressive symptoms to maternal sensitivity: Role of maternal causal attributions*. Poster presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- *Tilley, D., *Norcross, P., Swingler, M. & Leerkes, E.M. (July 2018). *Women's sleep deprivation predicts poor inhibitory control when exposed to infant crying*. Poster presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- *Bailes, L., *Augustine, M., Swingler, M. & Leerkes, E.M. (July 2018). *Emotional responses and executive functioning predict women's causal attributions about infant crying*. Poster presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- Gartstein, M., Prokasky, A., Bell, M.A., Calkins, S.D., Bridgett, D., Bruangart-Rieker, J., Leerkes, E.M., Cheatham, C., Eiden, R., Mize, K., Jones, N., Mireault, G., & Seamon, E. (July 2018). *Person-Centered analysis of infant temperament: Leveraging existing data*. Paper presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- Putnam, S., Alexander, A., Zweig, A.,Leerkes, E.M. (July 2018). *The global temperament project: Infant surgency, negative affectivity, and regulatory capacity in 31 countries*.

Poster presented at the Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.

- *Isbell, E., Calkins, S.D., Cole, V. T., *Swingler, M.M., & Leerkes, E. M. (2018). *Longitudinal associations between conflict monitoring and academic performance: an event-related potentials study*. Poster presented at the Cognitive Neuroscience Society Conference, Boston, MA.
- *Zeytinoglu, S., Calkins, S. D., & Leerkes, E. M. (October 2017). *Longitudinal associations between maternal behaviors during problem-solving and child cognitive flexibility in early childhood*. Poster presented at the biennial meeting of the Cognitive Development Society, Portland, OR.
- *Zeytinoglu, S., Calkins, S. D., & Leerkes, E. M. (November 2017). *Links between sympathetic autonomic nervous system responsivity during cognitive control and social-emotional outcomes in early childhood*. Poster presented at the biennial meeting of the International Society for Developmental Psychobiology, Washington, D.C.
- Leerkes, E.M. & *Zhou, N. (April, 2017). *The role of maternal sensitivity to infant distress and infant temperament in relation to infant attachment insecurity dimensions*. Paper presented in M. Gartstein (Chair). Co-creating interactions with parents: Child effects re-examined. Symposium presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Zhou, N., *Cao, H., & Leerkes, E.M. (April, 2017). *Interparental conflict and infants' behavior problems: The mediating role of maternal sensitivity within distressing contexts*. Paper presented in E. Leerkes (Chair) Interparental conflict, parenting and child well-being. Symposium presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Zeytinoglu, S., Calkins, S.D., Swingler, M., & Leerkes, E.M. (April, 2017). *Pathways from maternal effortful control to child self-regulation: The role of maternal emotional support*. In S. D. Calkins (Chair). Parent and family influences on child executive functioning. Symposium presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Dunbar, A.S., Leerkes, E.M., & Coard, S.I. (April, 2017). *Experienced racism and beliefs about emotion consequences as predictors of parental emotion socialization*. In E.A. Walle (Chair). Parent child communication about emotion and the self. Symposium presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Norcross, P., Leerkes, E.M., & *Qu, J. (April, 2017). *Pathways linking maternal depressive symptoms to child compliance behaviors*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Qu, J. & Leerkes, E.M. (April, 2017). *Infants' emotion regulation behaviors associated with short-term negative affect reduction and fewer long-term behavior problems*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.

- *Halliday, S., Calkins, S.D., & Leerkes, E.M. (April, 2017). *Observed learning engagement in pre-k predicts kindergarten school adjustment over and above executive functioning*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Zeytinoglu, S., Swingler, M., *Isbell, E., Calkins, S.D., & Leerkes, E.M. (April, 2017). Socioeconomic status moderates the influence of executive functions on early math skills but not letter-word knowledge. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Austin, TX.
- *Isbell, E., Swingler, M.S., Leerkes, E. M., & Calkins, S. D. (March, 2017). *Individual differences in attentional fluctuations in preschoolers*. Paper presented at the North Carolina Cognition Conference, Greensboro, NC.
- *Gaskin, R. E., Rodriguez, C. M., & Leerkes, E. M. (March, 2017). *Empathy and Frustration Predicting Parental Response to Infant Behavior*. Paper presented in C. M. Rodriguez (Chair), *Predictors of Parent-Infant Interactions*, Symposium conducted at the annual conference of the Southeastern Psychological Association, Atlanta, Georgia.
- *Woodman, K., Rodriguez, C. M., & Leerkes, E. M. (March, 2017). *Sex Differences in Child Affect during Maternal versus Paternal Interactions*. Paper presented in C. M. Rodriguez (Chair), *Predictors of Parent-Infant Interactions*, Symposium conducted at the annual conference of the Southeastern Psychological Association, Atlanta, Georgia.
- *Foiles, A., Rodriguez, C. M., & Leerkes, E. M. (March, 2017). *Dyadic Contributions Influencing Parent- Child Interactions*. Paper presented in C. M. Rodriguez (Chair), *Predictors of Adverse Parent-Infant Interactions*, Symposium conducted at the annual conference of the Southeastern Psychological Association, New Orleans, Louisiana.
- Swingler, M.M., *Isbell, E., *Halliday, S., Calkins, S.D., & Leerkes, E.M. (November, 2016). *Neural correlates of executive function in preschool children: Associations with academic school readiness*. Poster presented at 49th annual International Society for Developmental Psychobiology meeting, San Diego, CA.
- *Dunbar, A. S., Leerkes, E. M., Coard, S., Supple, A. J., & Calkins, S. D. (2016, October). *Parental racial/ethnic and emotion socialization predict young Black boys' emotion reactivity & regulation*. Poster presented at Society for Research in Child Development Special Topic Meeting: Babies, Boys, and Men of Color, Tampa, FL
- *Gaskin, R. E., & Rodriguez, C. M., & Leerkes, E. M. (August, 2016). *Empathy and frustration predicting maternal and paternal sensitivity to infant behavior*. Poster presented at the annual conference of the American Psychological Association, Denver, Colorado.
- *Dunbar, A. S., & Leerkes, E. M. (2016, July). *Parental racial and emotion socialization predict young Black children's internalizing problems*. Paper presented at APA Division 45 Research Conference, Palo Alto, CA
- *Zeytinoglu, S., *Halliday, S., Calkins, S.D., O'Brien, M. & Leerkes, E.M. (May 2016). *Trajectories of response inhibition: The roles of autonomic nervous system functioning*

and parenting behaviors. Poster presented at the Biennial Meeting of the American Psychological Society, Chicago, IL.

- Leerkes, E.M., *Zhou, N. & Calkins, S.D. (May, 2016). Maternal sensitivity and infant vagal regulation moderate links between infant temperament and infant/toddler weight outcomes. Paper presented in E.M. Leerkes & S.D. Calkins (Chairs), *Prenatal and infancy predictors of subsequent obesity: a focus on biological and environmental factors.* Symposium presented at the International Congress on Infant Studies, New Orleans, Louisiana.
- *Qu, J. & Leerkes, E.M. (May, 2016). *The joint effect of infants' vagal tone and distress in predicting behavior problems at preschool: A person-centered approach.* Poster presented at the International Congress on Infant Studies, New Orleans, Louisiana.
- *Norcross, P.L., *Zhou, N. & Leerkes, E.M. (May, 2016). *Parenting pathways linking maternal depressive symptoms with children's subsequent behavior problems.* Poster presented at the International Congress on Infant Studies, New Orleans, Louisiana.
- *Gedaly, L. & Leerkes, E.M. (May, 2016). *What leads mothers to engage in overtly negative behavior when their infants are distressed?* Poster presented at the International Congress on Infant Studies, New Orleans, Louisiana.
- *Gaskin, R. E., Rodriguez, C. M., & Leerkes, E. M. (March, 2016). Empathic Concern Predicting Maternal Response to Infant Behavior. Paper presented in C. M. Rodriguez (Chair), *Predictors of Adverse Parent-Infant Interactions.* Symposium conducted at the annual conference of the Southeastern Psychological Association, New Orleans, Louisiana.
- *Carr, B. S., Rodriguez, C. M., & Leerkes, E. M. (March, 2016). Dispositional empathic concern and perspective taking as predictors of future Parental Detachment in Parent-Child Interactions. Paper presented in C. M. Rodriguez (Chair), *Predictors of Adverse Parent-Infant Interactions.* Symposium conducted at the annual conference of the Southeastern Psychological Association, New Orleans, Louisiana.
- *Smith, T. L., Rodriguez, C. M., & Leerkes, E. M. (March, 2016). Maternal Intrusiveness during Parent-Child Interactions: Role of Emotion Regulation. Paper presented in C. M. Rodriguez (Chair), *Predictors of Adverse Parent-Infant Interactions.* Symposium conducted at the annual conference of the Southeastern Psychological Association, New Orleans, Louisiana.
- *Qu, J. & Leerkes, E.M., (November 2015). The convergent and predictive value of the non-responsiveness scale of the Maternal Responsiveness Questionnaire. Poster presented at the Annual Conference of the NC Infant/Child Mental Health Association, Greensboro, N.C.
- *Norcross, P.L. & Leerkes, E.M., (November 2015). *Examining parenting pathways linking maternal depressive symptoms to children's subsequent behavior problems.* Poster presented at the Annual Conference of the NC Infant/Child Mental Health Association, Greensboro, N.C.

- *Halliday, S., O'Brien, M., Swingler, M.M., Calkins, S.D., Leerkes, E.M. (October 2015). *Learning engagement and executive functioning in preschool as predictors of achievement in kindergarten*. Poster presented at the Cognitive Development Society Biennial Meeting, Columbus, OH.
- *Zeytinoglu, S., Swingler, M.M., Calkins, S.D., O'Brien, M., & Leerkes, E.M. (October 2015). *The joint contribution of maternal cognitive control and emotional supportiveness on child cognitive control*. Poster presented at the Cognitive Development Society Biennial Meeting, Columbus, OH.
- *Gedaly, L.R. & Leerkes, E.M. (August 2015). *Predictors of attachment disorganization: Overtly negative maternal behavior, sensitivity to distress, and sociodemographic risk*. Poster presented at the International Attachment Conference Biennial Meeting, New York, NY.
→Presented also at the Annual Conference of the NC Association for Infant/Child Mental Health (November, 2015). Greensboro, N.C.
- Leerkes, E.M., Calkins, S.D., *Su, J., & Henrich, V. (March 2015). Do oxytocin and dopamine related genes moderate effects of maternal sensitivity on toddler self-regulation. In Bernier, A. & Bouvette-Turcot, A (Chairs), *Biological substrates and implications of caregiving relationships: An incursion into the nervous system, genes, and the brain*. Paper symposium presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- Leerkes, E.M., Calkins, S.D., *Su, J., & Henrich, V. (March 2015). G X E predictors of maternal responses to infant crying: Oxytocin and dopamine related genes moderate effects of early childhood experiences. In Hechler, C. (Chair), *Infant crying: Emotional, cognitive, and behavioral reactions*. Paper symposium presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- *Qu, J., Leerkes, E.M., & Calkins, S.D. (March 2015). *Infant emotion regulation behaviors at 6 months prevent behavior problems at 1 year*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- *Qu, J., Leerkes, E.M., & Calkins, S.D. (March 2015). *Does emotion regulation buffer temperamentally reactive children from developing behavior problems?* Poster presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- *Gedaly, L., Leerkes, E.M., Calkins, S.D. & Henrich, V. (March 2015). *G X E predictors of infant attachment disorganization: The unique role of the oxytocin receptor gene*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.
- *Halliday, S.E., O'Brien, M., Calkins, S.D. & Leerkes, E.M. (March 2015). *Learning engagement: A promising new observational measure for preschool aged children*.

Poster presented at the Biennial Meeting of the Society for Research in Child Development. Philadelphia, PA.

- Leerkes, E.M. & *Su, J. (November 2014). *Patterns of maternal arousal and regulation while parenting pose risk for subsequent infant well-being*. Poster presented at the SRCD Special Topic Meeting on New Conceptualizations in the Study of Parenting-at-Risk. San Diego, CA.
- Leerkes, E.M., O'Brien, M., Calkins, S.D., Supple, A.J., & *Su, J. (July 2014). Links between maternal arousal, regulation, and sensitivity during distress eliciting tasks. In Mesman, J. (Chair), *A closer look at the origins of parental sensitivity in infancy*. Paper symposium presented at the International Conference on Infant Studies, Berlin, Germany.
- Leerkes, E.M. (July 2014). The stability and predictive validity of expectant mothers' responses to cry stimuli. In Verhage, M. (Chair) *Predicting Parenting: The Use of Cry Paradigms in the Transition to Parenthood*. Paper symposium presented at the International Conference on Infant Studies, Berlin, Germany.
- *Qu, J. & Leerkes, E.M. (July 2014). *The convergent and predictive validity of the Maternal Responsiveness Questionnaire*. Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Leerkes, E.M., *Haltigan, J.D., Wong, M.S., Fortuna, K., O'Brien, M., Calkins, S.D., & Supple, A. (2013, April). *A psychobiological model of the origins of maternal sensitivity to infant distress*. Paper presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Haltigan, J.D., Leerkes, E.M., Wong, M.S., Fortuna, K., Supple, A., O'Brien, M., Calkins, S.D., & Plamondon, A. (2013, April). *The latent structure of adult attachment: Confirmatory replication, measurement invariance, and relations to maternal sensitivity*. Paper presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Mathews, M.E. & Leerkes, E.M. (2013, April). *Psychosocial predictors of breastfeeding: Adult attachment, beliefs about crying, and perceptions of infant temperament*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Perry, N.B., *Cavanaugh, A.M., *Dunbar, A.S. & Leerkes, E.M. (2013, April). *Maternal punitive reactions to children's negative emotions and young adult anger: The effect of gender and emotional closeness*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Johnson, A., Leerkes, E.M., Reboussin, B.A., Suerken, C.K., Green, K.J., Faulkner, M., Payne, C.C., Clinch, C.R., Daniel, S.S., & Grzywacz, J.G. (2013, April). *Measuring negative emotionality using the Infant Behavior Questionnaire-Revised Very Short Form in a low*

- income, diverse sample*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Dunbar, A.S., *Perry, N.B., *Cavanaugh, A.M., & Leerkes, E.M. (2013, April). *African American parents' emotion socialization and adult emotion adaptation: The moderating effect of racial socialization*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Weaver, J.M., O'Brien, M., Leerkes, E.M., & Marcovitch, S. (2013, April). *Preschool trajectories of cognitive and emotional development as predictors of a successful school transition*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Cavanaugh, A.M., *Dunbar, A.S., *Perry, N.B., & Leerkes, E.M. (2013, April). *Examining ethnic differences in mothers' emotion socialization practices: The role of perceived racism and emotion beliefs*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- *Haltigan, J.D., Leerkes, E.M., Wong, M.S., Fortuna, K., Supple, A., O'Brien, M., & Plamondon, A. (2013, April). *The three-factor structure of adult attachment: measurement invariance and evidence for ethnic differences in passive, loss-related preoccupation*. Poster presented at the Biennial Conference of the Society for Research in Child Development, Seattle, Washington.
- Leerkes, E.M., *Haltigan, J.D., Wong, M.S., & Fortuna, K. (2012, June). *Pregnant women's responses to infant crying vary based on their attachment related experiences and schema*. Paper presented at the International Conference on Infant Studies, Minneapolis, Minnesota.
- *Haltigan, J.D. & Leerkes, E.M. (2012, June). *Self-reports of adult attachment and mothers' Cognitive and emotional responses to infant distress*. Paper presented at the International Conference on Infant Studies, Minneapolis, Minnesota.
- *Mathhews, M. & Leerkes, E.M. (2012, June). *Mothers' prenatal reactions to infant cries predict initiation and duration of breastfeeding*. Poster presented at the International Conference on Infant Studies, Minneapolis, Minnesota.
- *Gudmundson, J., Leerkes, E.M., & O'Brien, M. (2012, June). *Income and partner status moderate association between maternal education and maternal behavior*. Poster presented at the International Conference on Infant Studies, Minneapolis, Minnesota.
- *Perry, N. & Leerkes, E.M. (2012, June). *Recollections of fathers' socialization of emotions in childhood predicts women's physiological responses to crying infants*. Poster presented at the International Conference on Infant Studies, Minneapolis, Minnesota.
- Leerkes, E. M., *Parade, S. H., *Gudmundson, J. A., & *Burney, R. (2011, April). Racial

- differences in the effects of parents' emotion socialization strategies on emotional adjustment. In E. M. Leerkes & J. A. Nelson (Co-chairs), *Racial and cultural differences in parents' emotion socialization beliefs and practices*. Symposium presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, QC.
- Leerkes, E. M., *Parade, S. H., *Gudmundson, J. A., Walker, M., Watson, C., & *Burney, R. (2011, April). *Links between pregnant women's physiological reactions to and appraisals of crying infants*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Brown, N. E., *Nelson, J. A., *Swingler, M. M., & Leerkes, E. M. (2011, April). *Vagal tone suppression across the preschool years: The predictive role of early maternal responsiveness*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Brown, N. E., O'Brien, M., Leerkes, E. M., Calkins, S. D. (2011, April). *Mothers' responses to children's negative emotions and child emotion regulation: The moderating role of vagal suppression*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Burney, R., & Leerkes, E. M. (2011, April). *Links between preschooler temperament and mothers' perceptions of coparenting*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Gudmundson, J. A., & Leerkes, E. M. (2011, April). *Psychometric validity of the Coping with Toddlers' Negative Emotions Scale*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Mokrova, I. L., O'Brien, M., Calkins, S. D., Leerkes, E. M., & Marcovitch, S. (2011, April). *Persistence and academic skills at preschool age: Will trying harder make me smarter?* Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Nelson, J. A., Leerkes, E. M., O'Brien, M., Calkins, S. D., & Marcovitch, S. (2011, April). Race differences in beliefs about negative emotions and emotion socialization practices. In E. M. Leerkes & J. A. Nelson (Co-chairs), *Racial and cultural differences in parents' emotion socialization beliefs and practices*. Symposium presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Parade, S. H., & Leerkes, E. M. (2011, April). *Links between marital processes and women's attributions of crying infants*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.
- *Parade, S. H., & Leerkes, E. M. (2011, April). Marital aggression predicts infant orienting toward mothers at six months. In G. A. Moore (Chair), *Marital conflict in infancy: Behavioral, neural, and social development*. Symposium presented at the Biennial Meeting of the Society For Research in Child Development, Montreal, QC.

- Crockenberg, S.C., Leerkes, E.M., Lekka, S. (2010, July). *Predicting pre- and post-partum depressive symptoms in fathers*. Poster presented at the 21st Biennial Congress of the International Society for the Study of Behavioural Development, Lusaka, Zambia.
- Leerkes, E. M. (2010, March). Mother's negative emotional reactions to infant crying predict infant-mother attachment security. In E.M. Leerkes & P.M. Cole (Co-chairs) *Emotional underpinnings of parental sensitivity: Converging evidence across brain, behavioral, and self-report measures*. Symposium presented at the International Conference on Infant Studies, Baltimore, MD.
- Leerkes, E.M., *Gudmundson, J.A., & *Burney, R.V. (2010, March). *The Infant Crying Questionnaire: A new measure of parents' beliefs about crying*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
- *Parade, S.H., Leerkes, E.M., Crockenberg, S., & Faldowski, R.A. (2010, March). *Close relationships predict trajectories of maternal depression over the transition to parenthood*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
- *Gudmundson, J.A., & Leerkes, E.M. (2010, March). *Engaged maternal coping style moderates association between toddlers' temperament and sensitivity to distress and non-distress*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
- *Blankson, A. N., Leerkes, E. M., O'Brien, M., Marcovitch, S., & Calkins, S. D. (2009, April). *Emotion and cognition linkages: Generalizability across measurement approaches*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Blankson, A. N., Leerkes, E. M., O'Brien, M., Marcovitch, S., & Calkins, S. D. (2009, April). *The factor structure and correlates of mothers' emotion-oriented and cognitive-oriented parenting during the preschool period*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Blankson, A. N., O'Brien, M., Leerkes, E. M., Marcovitch, S., & Calkins, S. D. (2009, April). *Shyness, executive functioning, vocabulary, and home environmental stimulation: A moderated mediation analysis*. Paper presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Burney, R. & Leerkes, E. M. (2009, April). *Does coparenting predict preschoolers' behavior problems independent of marital quality?* Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Chiu, K. A., *Blankson, N., O'Brien, M., Marcovitch, S., Leerkes, E. M., & Calkins, S. D. (2009, April). *Psychometric properties of the Emotion Regulation Checklist in preschool children*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.

- *Gudmundson, J. A., & Leerkes, E. M. (2009, April). *Understanding links between infant temperament and parental depressive symptoms at 6 months postpartum*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Mokrova, I., O'Brien, M., Calkins, S. D., Leerkes, E. M., & Marcovitch, S. (2009, April). *The links between child motivation and family social status: The role of maternal values and quality of parenting*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Parade, S. H. & Leerkes, E. M. (2009, April). *Attachment to parents as a predictor of change in depression over the transition to college*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Denver, CO.
- *Parade, S. H. & Leerkes, E. M. (July, 2008). *Depression as a mediator of the association between parental attachment security and college student engagement in high risk behaviors*. Poster presented at the International Association for Relationship Research Conference, Providence, RI.
- Leerkes, E.M. (March, 2008). Predictors of maternal sensitivity to infant distress: A social information processing perspective. In C. Smith & E.M. Leerkes (Co-chairs) *Mother-infant interactions: What determines parenting in challenging contexts?* Symposium presented as the Biennial International Conference on Infant Studies, Vancouver, BC.
- Leerkes, E.M., *Burney, R.V., & *Parade, S.H. (March, 2008). *Stop crying! Origins of mothers' beliefs and goals about infant crying*. Poster presented as the Biennial International Conference on Infant Studies, Vancouver, BC.
- Crockenberg, S.C. & Leerkes, E.M. (March, 2008). *The validity and modifiability of mother reported and observed infant distress to novelty in relation to mother and father reported social fear at 2 1/2 years*. Poster presented as the Biennial International Conference on Infant Studies, Vancouver, BC.
- Mount, K., Crockenberg, S.C., & Leerkes, E.M. (March, 2008). *The predictive function of observed and reported measures of infant temperament to child anger at 2 1/2 years*. Poster presented as the Biennial International Conference on Infant Studies, Vancouver, BC.
- *Nelson, J., O'Brien, M., Calkins, S.D., Leerkes, E.M., & Marcovitch, S. (April, 2008). *Parental socialization of children's emotion knowledge*. Poster presented at the 20th Biennial Conference on Human Development. Indianapolis, IN.
- *Burney, R.V. & Leerkes, E.M. (November, 2007). *Infant temperament and parents' perception of the parenting alliance*. Paper presented at the 69th annual meeting of the National Council on Family Relations, Pittsburgh, PA.

- *Parade, S. H. & Leerkes, E. M. (November, 2007). *Attachment to parents and the close relationships of college freshmen*. Poster presented at the 69th annual meeting of the National Council on Family Relations, Pittsburgh, PA.
- Daniel, S.S., Grzywacz, J.G., Leerkes, E.M., Han, W. & *Tucker, J.M. (November, 2007). *Nonstandard maternal work schedules and children's early behavior problems*. Paper presented at the 69th annual meeting of the National Council on Family Relations, Pittsburgh, PA.
- Grzywacz, J., Daniel, S., *Walls, J., *Tucker, J., & Leerkes, E. (November, 2007). *Using propensity scores to study parenting differences by work schedule*. Paper presented at the 69th annual meeting of the National Council on Family Relations, Pittsburgh, PA.
- Crockenberg, S. & Leerkes, E. (July, 2007). *Is infant crying a valid measure of infant temperament?* Paper presented at the International Cry Conference, Copenhagen, Denmark.
- Leerkes, E. M., *Beaudry, R.V., *Parade, S., & *Siepak, K. (April, 2007). *Links between mothers' beliefs about crying, maternal responsiveness to infant fear, and infant fear reactivity and regulation*. Paper presented at the Biennial Meeting of the Society For Research in Child Development, Boston, MA.
- Leerkes, E. M., & *Beaudry, R.V. (April, 2007). *The development of parenting efficacy among new mothers and fathers and its association with parental behavior*. Paper presented at the Biennial Meeting of the Society For Research in Child Development, Boston, MA.
- *Beaudry, R.V. & Leerkes, E.M. (April, 2007). *Mothers' and fathers' perceptions of coparenting at 16 months postpartum: How much does marital functioning matter?* Poster presented at the Biennial Meeting of the Society For Research in Child Development, Boston, MA.
- *Parade, S., & Leerkes, E.M. (April, 2007). *Reliability and validity of the Infant Behavior Questionnaire-Revised at 6 months*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Boston, MA.
- *Hinnant, J. B., Leerkes, E.M., O'Brien, M., Calkins, S., Lange, G., & Paradise, M. (April, 2007). *Associations between maternal behavior and child emotional and cognitive functioning: Variations by child temperament*. Poster presented at the Biennial Meeting of the Society For Research in Child Development, Boston, MA.
- Crockenberg, S.C., & Leerkes, E.M. (June, 2006). *Infant reactivity (to frustrating events), attention regulation, and maternal behavior predict aggression at 2 ½*. Poster presented at the Biennial International Conference on Infant Studies, Kyoto, Japan.
- *Beaudry, R.V. & Leerkes, E.M. (April, 2006). *Predictors of mothers' and fathers' perceptions of the parenting alliance at 6 months post-partum*. Poster presented at the 19th Biennial Conference on Human Development, Louisville, KY.

- Leerkes, E.M. & *Beaudry, R.V. (April, 2006). *The development of parenting efficacy among new mothers and fathers*. Poster presented at the 19th Biennial Conference on Human Development, Louisville, KY.
- Leerkes, E. M., *Siepak, K. J., *Beaudry, R. V., & *Hussey, A. K. (April, 2005). *Childhood history and adult attachment security correlate with emotional and cognitive responses to infant distress*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta.
- Crockenberg, S. C., Leerkes, E. M., & Lekka, S. (April, 2005). *Marital conflict and maternal behavior: Predictors of infant emotion regulation*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta.
- Burrous, C. E., Crockenberg, S. C., Leerkes, E. M. (April, 2005). *Developmental history of care and control, anger and depression: Correlates of maternal sensitivity in toddlerhood*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta.
- Paradise, M., Calkins, S., Lange, G., Leerkes, E., & O'Brien, M. (April, 2005). *An integrative perspective on emotion and cognition in preschoolers*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta.
- Leerkes, E. M. & Crockenberg, S. C. (May, 2004). *The role of infant and maternal behaviors in regulating infant affect and one another in a novelty context*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Chicago.
- Crockenberg, S. C. & Leerkes, E. M. (May, 2004). *Linking type and amount of childcare to aggressive behavior at 2 ½*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Chicago.
- Crockenberg, S. C. & Leerkes, E. M. (April, 2003). *Infant behavior regulates negative affect and predicts later emotional and behavioral development*. Paper presented at Biennial Meeting of the Society for Research in Child Development, Tampa.
- Leerkes, E.M. (April, 2003). *Correlates of maternal sensitivity to infant distress: Maternal emotional competencies and infant temperament*. Poster presented at Biennial Meeting of the Society for Research in Child Development, Tampa.
- Carmola Hauf, A.M., Bond, L.A., Leerkes, E.M., & Crockenberg, S. (July, 2002). *Parental characteristics as predictors of parenting alliance*. Poster presented at the 8th Congress of the World Association of Infant Mental Health, Amsterdam.
- Leerkes, E. M. & Crockenberg, S. C. (April, 2002). *Mothers' accurate identification of negative infant emotions: The role of childhood history and emotional competencies*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Toronto.
- Leen, E., Leerkes, E. M. & Crockenberg, S. C. (April, 2002). *Early infant temperament as a predictor of internalizing and externalizing tendencies at age 2*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Toronto.

- Leerkes, E. M. & Crockenberg, S. C. (April, 2001). *The concurrent and predictive function of observed and reported measures of infant temperament: Theoretical and methodological issues*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, Minnesota.
- Leerkes, E. & Crockenberg, S. (July, 2000). *The theory of illusory control revisited: Maternal efficacy and infant affect based patterns in maternal behavior*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Brighton, England.
- Leerkes, E. M. & Crockenberg, S. C. (July, 2000). *Comparing maternal reports and standardized observations of infant temperament: Reliability and validity issues*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Brighton, England.
- Crockenberg, S. C. & Leerkes, E. M. (July, 2000). *Maternal depressive symptoms in the postnatal period: Predictors and maternal behavior correlates*. Poster presented at the Biennial Meeting of the International Society of Infant Studies, Brighton, England and at the 7th Congress of the World Association of Infant Mental Health, Montreal, Canada.
- Leerkes, E. M. & Crockenberg, S. C. (April, 1999) *The development of maternal self efficacy*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, New Mexico.

EXTERNAL FUNDING FOR RESEARCH

- *Biopsychosocial Predictors of Obesity in the First 2 Years of Life*. R01HD093662 from NICHD. (\$2.85 million, August 2018-May 2023). **Esther Leerkes, PI**. Co-Is: Cheryl Buehler, Susan Calkins, Lenka Shriver, Laurie Wideman.
- *Biological and Behavioral Predictors of Early School Success*. R01HD071957 from NICHD. (\$2,733,916; May 2012-April 2018). **Esther Leerkes, PI**; with Co-Is: Susan Calkins and Marion O'Brien.
 - Research Supplement to Promote Diversity in Health-Related Research (Pre-doctoral) on behalf of A. Dunbar. (\$50,191; May 2015-April 2016).
- *Identifying genetic risk for maternal insensitivity and infant dysregulation*. R21HD073594. (\$275,000 Direct Costs; April 2013-March 2015). **Esther Leerkes, PI**; with Co-Is: Vincent Henrich, Marion O'Brien, Susan Calkins, and Andrew Supple.
- *Predicting Later Parent-Child Aggression in Expectant Parents: The Triple F Study*. R15HD071431. (\$429,358 Direct Costs; July 2012-June 2016). Christina Rodriguez, PI; with **Co-Is: Esther Leerkes**, Chris Payne and Paul Silvia
- *Origins of Maternal Sensitivity to Infant Distress*, R01 HD058578. (\$1,400,000; May 2009-April 2014). **Esther Leerkes, PI**; with Co-Is: Marion O'Brien, Susan Calkins, & Andrew Supple.

- *Nonstandard Maternal Work Schedules & Child Health in Impoverished Families, R01 HD061010*. (\$2,970,000; Apr. 2010-Mar. 2016). Joseph Grzywacz & Stephanie Daniel, Co-PIs; **Co-Is: Esther Leerkes**, Chris Payne, Randall Clinch, Beth Reboussin.
- *Relations Between Early Emotion and Cognitive Processes, R01 HD050806* (\$1,400,000; Apr. 2006-Mar. 2011). Susan Calkins, PI; with **Co-Is: Esther Leerkes**, Marion O'Brien, & Stuart Marcovitch.
- *Maternal Sensitivity to Negative Infant Emotions, R03 HD048691* (\$132,555; Jan. 2005 – Dec. 2007). **Esther Leerkes, PI**.
- *Non Standard Work Schedules, Parenting, and Infant Development, R03 HD050204*. (\$100,000; Jan. 2006-Dec. 2007). Joseph Grzywacz, PI; Stephanie Daniels, Co-I; **Esther Leerkes, consultant**.
- *American Dissertation Fellowship* (\$15,000; 2001). American Association of University Women. **Esther Leerkes, PI**.
- *Outcomes Evaluation for Non Profit Agencies* (2001; 2002; 2003). Turrell Foundation, (written on behalf of the United Way of Chittenden County, Vermont; \$18,000, \$20,000, and \$23,000 respectively).
- *Outcomes Evaluation for Non-Profit Agencies* (2000; 2002). Vermont Community Foundation (written on behalf of the United Way of Chittenden County, Vermont; \$10,000 and \$3,000 respectively).

FUNDED INTERNAL RESEARCH GRANTS

- *The impact of infant crying on women's neural activity and cognitive processing: A pilot study*. (2016). HES Foundation. UNCG. (\$5,453).
- *The impact of infant crying on women's neural activity and cognitive processing: A pilot study*. (2016). Regular Faculty Grant. UNCG. (\$5,000).
- *How Quickly Mothers Respond to Their Infants' Cries: The Role of Context, Infant Age and Mothers' Childhood Experiences* (2013). Undergraduate Research Assistantship University of North Carolina at Greensboro (written on behalf of Emalee Zingher, \$2,000).
- *Gender Differences in Infant Emotion Regulation* (2012). Undergraduate Research Assistantship University of North Carolina at Greensboro (written on behalf of Jillian Troxler, \$1,500).
- *Identifying Genetic Risk for Maternal Insensitivity and Infant Dysregulation* (2012). UNCG Child and Family Research Network. Funds awarded to support grant revision/resubmission (\$5,000).

- *Identifying Genetic Risk for Maternal Insensitivity and Infant Dysregulation* (2011-2013). UNCG Office of Research and Economic Development, School of Health and Human Sciences, and Department of Human Development and Family Studies. (\$30,000).
- *Links Between Infant Temperament and Maternal Sensitivity* (2011). Undergraduate Research Assistantship University of North Carolina at Greensboro (written on behalf of Glynnis Brown, \$1,500).
- *Links Between Mothers' Experiences in Close Relationships and Maternal Sensitivity* (2011). Undergraduate Research Assistantship University of North Carolina at Greensboro (written on behalf of Shemeka Thorpe, \$3,000).
- *How Early Emotion and Cognitive Processes are Related to School Adjustment* (2010-2011). Regular Faculty Grant awarded to Stuart Marcovitch & Esther Leerkes (\$10,000).
- *Individual Differences in the Development of Emotion Understanding Among Preschoolers*, (2007-2008). Undergraduate Research Assistantship University of North Carolina at Greensboro (written on behalf of Jennifer Butler, \$2,000).
- *The Role of Maternal Sensitivity to Infant Distress in Children's Early Social Emotional Functioning*, (2007) Regular Faculty Grant, UNCG (\$5,000)
- *Correlates of Maternal Postpartum Depression*. (2006). Undergraduate Research Assistantship University of North Carolina at Greensboro (written on behalf of Andrea Locke, \$2,000).
- *The Development of Parenting Self-Efficacy in First Time Mothers and Fathers* (2004) Undergraduate Research Assistantship, University of North Carolina at Greensboro (written on behalf of Anna Hussey, \$2,000)
- *Identifying Processes That Facilitate Maternal Sensitivity: Maternal Emotional Competencies- Phase I* (2004). Summer Excellence Award, University of North Carolina at Greensboro (\$4,000)
- *Identifying Processes That Facilitate Maternal Sensitivity: Maternal Emotional Competencies- Phase II* (2004). New Faculty Grant, University of North Carolina at Greensboro (\$5,000)

TEACHING EXPERIENCE

The University of North Carolina at Greensboro:

- Undergraduate: Infant and Child Development in the Family (HDF 302)
 Current Developmental Theory and Research (HDF 455)
 Child Observation and Assessment (HDF 452)
- Graduate: Seminar in Parent-Child Relations (HDF 721)

Seminar in Infant Development (HDF 667)
 Seminar in Social and Emotional Development (HDF 665)
 Research Practicum (HDF 603)

The University of Vermont:

Undergraduate: Psychology of the Family
 Social Development
 Scientific Inquiry (research methods/statistics in Physical Therapy)
 Research Methods & Statistics (teaching assistant)
 Developmental Psychology (teaching assistant)

Southern New Hampshire University:

Graduate: Program Evaluation and Systems Research

Vermont Association for Non-Profit Organizations, Vermont Community Foundation, United Way of Chittenden County, United Way of Addison County, Vermont Cooperative Extension:

Professional: Workshops in Program Evaluation

THESES AND DISSERTATIONS I HAVE DIRECTED

- | | |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP | Lauren Bailes, TBD, PhD Dissertation |
| 2019 | Pamela Norcross. <i>Maternal depression, attributions about crying, and maternal sensitivity: A mediated moderation model.</i> PhD Dissertation |
| 2017 | Jin Qu. <i>Identifying Adaptive Emotion Regulation Behaviors Among Infants.</i> PhD Dissertation |
| 2016 | Pamela Norcross. <i>Examining parenting pathways linking maternal depressive symptoms to children's internalizing and externalizing behavior problems.</i> MS Thesis |
| 2016 | Angelica Dunbar. <i>Sociocultural predictors of parental racial and emotion socialization and relations to child social-emotional adjustment.</i> PhD Dissertation |
| 2015 | Lindsey Gedaly. <i>Environment and genetic predictors of infant attachment disorganization.</i> MS Thesis |
| 2013 | Meagan E. Matthews. <i>Psychosocial predictors of breastfeeding initiation and duration.</i> MS Thesis |
| 2012 | Jessica Gudmundson. <i>Links between maternal education and parenting quality during children's first three years: The moderating role of income and partner status.</i> PhD Dissertation |
| 2010 | Stephanie Parade. <i>Marital satisfaction across the transition to parenthood: A vulnerability-stress-adaptation perspective.</i> PhD Dissertation |

- 2010 Regan Burney *Links between temperament and coparenting: The moderating role of family characteristics*. PhD Dissertation
- 2009 Kathy Siepak. *Longitudinal influences of maternal sensitivity on infant temperamental reactivity and emotion regulation*. PhD Dissertation
- 2007 Stephanie Parade. *Attachment to parents and the close relationships of first semester college students*. MS Thesis
- 2007 Regan Burney. *Predictors of coparenting quality among first time parents during toddlerhood*. MS Thesis

THESES AND DISSERTATIONS ON WHICH I HAVE BEEN A COMMITTEE MEMBER (HDFS UNLESS OTHERWISE SPECIFIED)

- IP Marta Benito Gomez, TBD, PhD Dissertation.
- IP Amy McCurdy, TBD, PhD Dissertation
- IP Jordan Austin, TBD, PhD Dissertation (Counseling and Educational Development)
- IP Olivia Cook, TBD, Masters Thesis
- IP Savannah Sommers, TBD, Masters Thesis
- IP Yuji Kim, *The Development of Adolescent Emotion Regulation: The Role of Negative Emotionality and Parental Socialization of Emotions*. Masters Thesis. (Psychology)
- 2019 Margaret Whedon. *Developmental Changes in Electrophysiology and Speech during Problem-Solving as Predictors of Inhibitory Control in Preschool*. PhD Dissertation.
- 2019 Tabitha Toney, *The Experience of Antenatal Hospitalization among High-Risk Pregnant Women*. PhD Dissertation. (Nursing)
- 2018 Simone Halliday, *Learning Engagement Across the Transition to School: Investigating the Measurement of Learning Engagement and the Effects of Early Emotion Regulation*. PhD Dissertation (Psychology)
- 2018 Selin Zeytinoglu. *Autonomic Nervous System Functioning in Early Childhood: Responses to Laboratory Challenges, Individual Differences, and Relations to Child Self-Regulation*. PhD Dissertation.
- 2016 Elizabeth King. *Predictors of teachers' emotion language and its association with toddlers' social emotional competence*. PhD Dissertation

- 2015 Emily Andrews. *Social competence of preschool children attending head start*. MA Thesis. (Psychology)
- 2015 Margaret Whedon. *Longitudinal changes in visual attention and EEG coherence: Implications for the development of attention networks*. MS Thesis.
- 2015 Jinni Su. *Predicting substance use trajectories from early adolescence to young adulthood: examination of gene–gene interaction, gene–environment interaction and gender differences*. PhD Dissertation
- 2014 Simone Halliday. *Biopsychosocial analysis of task engagement among preschool-age children*. MA Thesis (Psychology)
- 2014 Dan Wang. *The context of parents and peers: Linkages to children’s school adjustment*. MS Thesis
- 2013 Elizabeth King. *Teachers’ expression of mental state talk in head start classrooms*. MS Thesis.
- 2013 Nicole Perry. *Maternal sensitivity and physiological processes as predictors of infant emotion regulation*. PhD Dissertation
- 2013 Evette Horton. *The impact of the Circle of Security-Parenting© program on mothers in residential substance abuse treatment: An action research study*. PhD Dissertation (Counseling)
- 2012 Madelynn Druhen Shell. *Anxious solitude and the middle school transition: A child × environment model of peer exclusion and victimization trajectories across five years*. PhD Dissertation (Psychology)
- 2011 Jackie Nelson. *Parent-child conflict style: Associations with family stress and vulnerability*. PhD Dissertation
- 2010 Jill Walls. *Implications of intensive mothering beliefs for the well-being of full-time employed mothers of infants: Moderating effects of childcare satisfaction and workplace flexibility*. PhD Dissertation
- 2010 Tamara Spangler Avant. *Elementary school classroom emotional climate as a moderator of anxious solitary children's risk for peer exclusion: A child x environment model*. PhD Dissertation (Psychology)
- 2010 Nicole Brown. *Predicting children's emotion regulation behaviors from maternal emotion socialization and vagal suppression*. MS Thesis
- 2010 Laura Simone. *Investigating gene-environment interaction as a contributor to language performance*. MS Thesis

- 2009 Janzalean Laughninghouse. *Exploring the parenting beliefs of substance abusing women*. PhD Dissertation
- 2009 Madelynn Druhen. *Anxious solitary children at recess: Naturalistic observation of sequential peer exclusion, victimization, and acceptance processes*. MS Thesis (Psychology)
- 2009 James Benjamin Hinnant. *Mediational pathways to moral reasoning: Quality of the mother-child relationship, cognitive support, and children's emotion regulation and executive functioning*. PhD Dissertation
- 2008 Jackie Nelson. *Maternal socialization of children's emotion knowledge*. MS Thesis
- 2007 Tamara Spangler. *Anxious solitude, unsociability, and peer exclusion in middle childhood: A multitrait-multimethod matrix*. MS Thesis (Psychology)
- 2006 Tracy Dobbins. *Attributions: Relations to attachment and caregiving representations*. PhD Dissertation. (Psychology).
- 2005 James Benjamin Hinnant. *Cognitive and emotional constructs and their relation to empathy in young children*. MS Thesis

(CO)MENTORED POSTDOCTORAL FELLOWS/CURRENT POSITION

- Nayena Blankson (co-mentored with Marion O'Brien/Susan Calkins)/Spelman College, Associate Professor
- Jennifer Weaver (co-mentored with Marion O'Brien/Susan Calkins)/Boise State, Assistant Professor
- John D. Haltigan/University of Toronto, Assistant Professor
- Elif Isbell (co-mentored with Susan Calkins)/University of Michigan, Postdoctoral Fellow
- Mairin Augustine/Hamilton College, Visiting Assistant Professor

AWARDS/ HONORARY SOCIETIES

- Named Jefferson-Pilot Excellence Professor, UNCG (2019)
- Outstanding Graduate Mentor Award, School of HHS, UNCG (2015)
- University Research Excellence Award for a Junior Faculty Member, UNCG (2012)
- Research Excellence Award for a Junior Faculty Member, School of Human and Environmental Sciences, UNCG (2009)
- University Marshals Honorary Inductee (in recognition of academic excellence, embodiment of University ideals, and commitment to students and service in the University community), UNCG (2008)
- Scholars Travel Award, UNCG Office of Research (2008, 2011)

- Mary Frances Stone Outstanding Teacher Award, School of Human & Environmental Sciences, UNCG (2006)
- Department finalist Committee on Graduate Studies Distinguished Dissertation Award, University of Vermont (2002)
- University of Vermont Edith Hendley Award for a graduate woman who excels at scholarship, research, and teaching (2001)
- Psi Chi, National Honor Society for Psychology

PROFESSIONAL MEMBERSHIPS

- American Psychological Association
- Society for Research in Child Development
- International Society for Infant Studies
- North Carolina Infant/Young Child Mental Health Association

SERVICE ACTIVITIES

Department of Human Development and Family Studies

- Member, Department Chair Search Committee (2018)
- Director of Graduate Studies (2016 – 2017)
- Working Group on Departmental Climate (2015-2017)
- Member Ad Hoc Committee on Faculty Evaluation (2012-2017)
- Member, Tenure Review Committee (2009-present)
- Member, Resource Advisory Committee (2011-2016)
- Annual Peer Review Committee (2014 [member]; 2015[chair]; 2016[member])
- Chair, Human Development with Psychobiological Expertise Faculty Search (2012-2013)
- Member, Diversity and Inclusiveness Committee (2012-2013)
- Member, Graduate Committee, UNCG (2009- 2013)
- Coordinator of instruction across multiple sections and instructors of HDF 302 (Infant and Child Development in the Family), UNCG (2005-2012)
- Member, Post-Tenure Review Committee (2012)
- Member, Graduation Celebration Committee (2012)
- Member, Undergraduate Committee, UNCG (2007-2009)
- Faculty Advisor, HDF Graduate Student Mentoring Committee, UNCG (2003-2007)
- Faculty Representative for HDFS Library Committee, UNCG (2003-2007)
- Interim Member Graduate Committee, UNCG (Spring, 2005)

School of Health & Human Sciences (Formerly School of Human & Environmental Sciences)

- Promotion and Tenure Committee (2014-2017)
- HHS Working Group on Work/Life Balance (2014-2016)
- Selection Committee Graduate Mentor Award (2016)
- HHS Graduate Stipend Scan Committee (2015;2017)
- Research Advisory Committee (2008 – 2012; 2013- 2016)
- Selection committee for Mary Frances Stone Outstanding Teacher Award (2007; 2012)

- Delivered presentation entitled “Why I make babies cry for a living” to the HHS Board of Visitors, October 2015, Greensboro, NC.

University

- Moss Street Partnership School, Research Task Force (2018-
- Member, Conflict of Interest Committee (2017-
- Member (research rep), Academic Technology Planning Council (2017-2018)
- Member, UNCG Research Advisory Committee (2017-
- Member, Executive Committee, Research and Instruction in STEM Education, (2017-
- Member Child and Family Research Network (2006-
 - Member of Executive Committee (2012-
 - Conference planning committee: Healthy relationships, Healthy lives (2016)
 - Member working group on psychobiology (2011-present)
 - Chair, Communications Committee (2013-2015)
- Member, University Research Excellence Awards Selection Committee (2016)
- Member University Task Force on Faculty Work Load (2012)
- Search Committee Member, Department of Parent Child Nursing (2015)

National/International

- Member, Psychosocial Development and Risk Prevention Study Section, NIH (2014-2019)
- Temporary member, Psychosocial Development and Risk Prevention Study Section, NIH (2012; 2013)
- Ad hoc grant reviewer:
 - Social Sciences and Humanities Research Council of Canada (2007)
 - National Science Foundation, Developmental (and Learning) Sciences Panel (2010; 2011; 2017)
 - Netherlands Organization for Scientific Research, Social Sciences (2014)
 - National Science Center of Poland (2017)
 - Israeli Science Foundation (2017; 2019)
 - Auckland Medical Research Foundation, New Zealand (2018)
- Editorial Board Member, *International Journal of Behavioral Development* (2013- present)
- Editorial Board Member, *Parenting: Science and Practice* (2014- present)
- Editorial Board Member, *Family Relations* (2007-present)
- Consulting editor, *Child Development* (2016 – present)
- Editorial Board Member, *Infancy* (2009-2014)
- Guest Editor, *Infant and Child Development* Special Issue on Innovations in the Study of Parent Child Relations (2014)
- Chair, From Individual Risk to Parenting Process Review Panel, SRCD themed meeting on New Perspectives in the Study of Parenting-at-Risk, 2014
- Conference Review Panel Member:
 - Parenting & Development, Society for Research in Child Development, 2009, 2013, 2017, 2019
 - Emotional Development, International Conference on Infant Studies, 2008, 2010, 2016, 2018
 - Infancy: Social and Emotional Processes, Society for Research in Child Development, 2007

- Ad hoc journal reviewer:

Child Development
Developmental Psychology
Journal of Family Psychology
Infancy
International Jnl of Behavioral Dev
Infant Behavior and Development
Infant & Child Development
Parenting: Science and Practice
Developmental Science

Infant Mental Health Journal
Pediatrics
Journal of Social & Personal Relationships
Journal of Marriage and Family
Jnl of Soc Cog & Affective Neuroscience
Social Development
Behavioural Brain Research

Community Engaged

- Guest speaker, Bonding with Your Child, webinar/e-resource hosted by Healthy Relationship Initiative. <https://www.youtube.com/watch?v=q9NVk7fzHog> (February 2019).
- Authored a blog post on behalf of the Healthy Relationship Initiative for Triad Moms on Main. <http://triadmomsonmain.com/my-blog/bond-new-baby/> (May 2018)
- Participant, Science Everywhere Festival, UNCG, Led activity with graduate and postbacc students titled: “Inside Out: The Science of Emotions.” (April 2018)
- Panelist (Parenting and Early Child Development), Ask the Expert Roundtable at Family Village Event, Greensboro Public Library; event sponsored by the Healthy Relationship Initiative. (March 2018)
- Member, Data Advisory Committee, LEAPS (Lifetime Eating and Physical Activity Practices), a collaborative effort of UNCG, Cone Health and other Community Partners (2017-2018)
- North Carolina Association of Infant Mental Health. Member Steering Committee on Early Childhood Mental Health Workforce Development (2015)
- Delivered a parenting workshop to teen mothers entitled “Thinking about Maternal Sensitivity: Why Mothers and Children Do What They Do.” January 8, 2013, YWCA Teen Mother Mentoring/Healthy Beginnings Program, Greensboro, NC.
- Delivered presentation entitled “Attachment and Early Child Development” to judges, lawyers, social workers and foster parents affiliated with the Greensboro Juvenile Court Infant Toddler Initiative. April 2012, Greensboro, NC.
- Delivered a parenting workshop to teen mothers entitled “Maternal Sensitivity: How Mothers Promote Healthy Behaviors and Relationships.” September 25, 2012, YWCA Teen Mother Mentoring/Healthy Beginnings Program, Greensboro, NC.

- Delivered UNCG Child and Family Research Network Annual Community Lecture, “Responding to Infant Crying: A Pathway to Healthy Emotional Development” November 7, 2012, Greensboro, NC.

Revised 7/19