

Curriculum Vitae

Kristin A. Buss

Office Mailing Address

Department of Psychology
The Pennsylvania State University
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University Park, PA 16802
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Professional Positions

Tracy Winfree and Ted H. McCourtney Professor in Children, Work, and Families, July 2020-
The Pennsylvania State University

Department Head, Department of Psychology, January 2020-
The Pennsylvania State University

Incoming Head, Department of Psychology, July 2019-January 2019
The Pennsylvania State University

Associate Editor, *Developmental Psychology*, 2016-2019

Professor of Human Development and Family Studies (March 2018 to present)
The Pennsylvania State University

Professor of Psychology (July 2013 to present)
The Pennsylvania State University

Director of Graduate Training (July 2014 to Oct 2016)
Department of Psychology, The Pennsylvania State University

Associate Professor of Psychology (August 2006 to June 2013)
Department of Psychology, The Pennsylvania State University

Co-Director of Harrisburg Center for Healthy Child Development (2008 to 2011)
Director of Harrisburg Center for Healthy Child Development (now just PACT) (2011 to 2016)

Founding Director of Parents and Children Together (PACT) Initiative (2007 to 2019)

Assistant Professor of Psychology (August 2001 to July 2006)
Department of Psychological Sciences, University of Missouri–Columbia

Postdoctoral Research Associate in Neuroscience (May 2000 to July 2001)
Department of Psychology, University of Wisconsin

Laboratory for Affective Neuroscience
Richard J. Davidson, Advisor

Education

University of Wisconsin – Madison, Postdoc in Affective Neuroscience, 2001

University of Wisconsin – Madison, Ph.D. in Psychology (Developmental), 2000

University of Wisconsin – Madison, M.S. in Psychology (Developmental), 1995

University of Minnesota, B.S. in Child Development, 1992

Research Expertise

Emotional and temperament development in infants, toddlers, and preschoolers

Neural, endocrine, and autonomic substrates of affect and temperament

Effects of situational context on behavioral and physiological reactivity

Emotion regulation and dysregulation of affective behaviors in the development of behavioral problems and psychopathology

Sociocultural influences on early social and emotional development, community-based participatory research methodology

Professional Awards

2021 President's Award for Excellence in Academic Integration
The Pennsylvania State University

2019 Fellow of Association for Psychological Science

2019 Exemplary Designation for Leadership in Community Engagement and Scholarship for PACT
Office of the Vice President for Outreach, Penn State

2016 Raymond Lombra Award for Distinction in the Social Sciences
College of the Liberal Arts, Penn State

2006 Distinguished Early Career Contribution Award
International Society on Infant Studies

1999 Vilas Professional Development Award for Dissertation Research
University of Wisconsin-Madison, Graduate School

Grants & Fellowships

Awarded/Active

R01MH135477

Investigation of Digital Media Use, Anxiety, and Biobehavioral Emotion Regulation in Adolescents (BOLT)

Co-I (Myruski PI)

September 2023-June 2027

NIH Public Health Service, National Institute of Mental Health

Joint Projects in Arts, Humanities, and Social Behavioral Sciences, The Pennsylvania State University
Integrating Drawing and Mindfulness to Reduce Anxiety in Adolescents: A Randomized Pilot Study

Co-I (Myruski PI)

July 2023 – July 2024

Child Study Center, The Pennsylvania State University

Integrating Drawing and Mindfulness to Reduce Anxiety in Adolescents

Co-I (Myruski PI)

Feb 2023 – June 2023

Social Science Research Institute, The Pennsylvania State University

Remote Measures of Attention, Emotion, and Social Interactions in Anxious Adolescents: A Supplement to the Temperament, Evolving Emotions, and Neuroscience Study (TEENS)

PI

2021-2023

R01 MH122526-01A1

The Development of Gut Microdata and Behavioral Inhibition in Childhood: The Role of Early Stress and Brain Development

Consultant

9/1/2020-8/31/2025

NIH Public Health Service, National Institute of Mental Health

R01 MH114974 & MH114974S1

Biobehavioral Trajectories of Social Anxiety from Early to Middle Adolescence

PI

8/15/2018-6/30/23 (NCE 7/1/23-6/30/25)

NIH Public Health Service, National Institute of Mental Health

R01 MH114974-04S1 Diversity Supplement

Biobehavioral Trajectories of Social Anxiety from Early to Middle Adolescence

PI

1/01/2022-12/31/2023

NIH Public Health Service, National Institute of Mental Health

R01 HD094830

Play and learning across a year (PLAY)

Co-I (Adolphs, Tamis-Lamonda, Gilmore, PIs)

7/1/18-6/30/23 (NCE)

NIH Public Health Service, National Institute of Child Health and Human Development

Awarded/Completed

R01 MH109692

Emerging relations between attention and negative affect in the first two years of Life

Co-PI (Perez-Edgar & LoBue Co-PIs)

9/6/2016-6/30/2021 (NCE through 6/30/23)

NIH Public Health Service, National Institute of Mental Health

R21 MH111980

Mobile Eye-Tracking as a Tool for Studying Socioemotional Development: Threat-related Attention in a Social Context

Co-I (Perez-Edgar PI)

9/20/16-8/31/2018

NIH Public Health Service, National Institute of Mental Health

R01 HD076994

Toward a Unifying Model of Self-Regulation and Its Development

Co-I (Cole & Ram PIs)

7/1/2014-6/30/2019

NIH Public Health Service, National Institute of Child Health and Human Development

PSU/SSRI Level II Grant

Early Development of Sex Differences in Children's Ability to Regulate Energy Intake

Co-I (Keller, PI)

4/17/20

PSU Social Science Research Institute

K01 HD068170-01A1

Parent-Child Biobehavioral Coregulation and Child Maltreatment Risk

Co-Mentor

01/15/12-12/31/17

NIH Public Health Service, National Institute of Child Health and Human Development

Erika Lunkenheimer (PI), Colorado State University

R01 MH12091 (Suppl to MH094633)

Harmonizing developmental studies examining attention bias, behavioral inhibition and anxiety

Co-PI (Perez-Edgar Co-PI)

9/1/2015-6/30/2017

NIH Public Health Service, National Institute of Mental Health

1R01 HD068594-01

Caregiving, Attachment and Regulation of Emotions

Co-I (PI of PSU subcontract)

March 1, 2012 – February 28, 2017

NIH Public Health Service, National Institute of Child Health and Human Development

Susan Woodhouse (PI), Lehigh University

PSU CTSI Community Engagement Grant

Recruiting, Screening, and Engaging Families in an Anxiety Prevention Program for Young Children in a High-risk Urban Community

Co-PI Buss & Bierman

7/1/2015-6/30/2016

Clinical and Translational Science Institute

R21 MH103627

Patterns of attention to threat linked with negative reactivity in infancy

Co-I (Perez-Edgar PI)

7/1/2014-6/30/2016

NIH Public Health Service, National Institute of Mental Health

Frontiers of Innovation

Mental Health on the Go: Effects of a Gamified Attention Bias Modification App in Low Income Youth

Co-PI (Dennis, Hunter College CUNY)

1/1/2015-12/31/2015

Center on the Developing Child at Harvard University

SSRI/CYFC Level II Grant

Toddler Fearfulness, Biopsychosocial Processes and Adjustment in Early Adolescence

PI

The Pennsylvania State University Children, Youth and Families Consortium and Social Science Research Institute

SSRI/CYFC Level I Grant

Child Anxiety Intervention Development Using a Community-Based Participatory Research (CBPR) Methodology

PI

Jan 2012-Dec 2014

The Pennsylvania State University Children, Youth and Families Consortium and Social Science Research Institute

SSRI/CYFC Level II Grant

Attention as an Early Mechanism of Socioemotional Development

Co-I (Perez-Edgar, PI)

May 2012-April 2014

The Pennsylvania State University Children, Youth and Families Consortium and Social Science Research Institute

SSRI/CYFC Infrastructure Grant

Harrisburg Infant and Child Development Laboratory

PI

July 1, 2007 to present

The Pennsylvania State University Children, Youth and Families Consortium and Social Science Research Institute

IES Training Grant

Training Interdisciplinary Educational Scientists (TIES) Program

Faculty Mentor (2008-2014)

Institute of Educational Sciences

Thomas Farmer & Karen Bierman (Co-PIs), The Pennsylvania State University

R01 MH075750-5

Risk for Internalizing during Kindergarten for Children with Dysregulated Fear

PI

July 1, 2006 to June 30, 2011 (NCE to June 2013)

NIH Public Health Service, National Institute of Mental Health

T32 MH070327

Child Study Center-Prevention Research Center Integrative Research Training in Early Childhood Mental Health

Faculty Mentor

NIH Public Health Service, National Institute of Mental Health

Pamela Cole & Mark Greenberg (Co-PIs), The Pennsylvania State University

F31 MH077385

Maternal awareness of toddlers' fearful temperament

PI Sponsor

June 1, 2006 to May 31, 2009

NIH Public Health Service, National Institute of Mental Health

National Research Service Award

Elizabeth Kiel (Awardee)

R03 HD052669

Prenatal Programming of Infant Temperament

Consultant

March 1, 2007 to February 28, 2009

NIH Public Health Service, National Institute of Child Health and Human Development
Elysia Davis (PI), Department of Psychiatry and Human Behavior University of
California, Irvine

SSRI/CYFC Level II Grant

*Development of Sustainable Community Based Participatory Research on Healthy
Socioemotional Development*

PI

November 1, 2008 to October 31, 2009

The Pennsylvania State University Children, Youth and Families Consortium and Social Science
Research Institute

Penn State SSRI/CYFC Level II Grant

Health and Positivity During the Preschool Years

Co-PI

November 1, 2008 to October 31, 2009

The Pennsylvania State University Children, Youth and Families Consortium and Social
Science Research Institute

Cynthia Stifter (Co-PI) The Pennsylvania State University

RFA-AA-02-001

Long Term Consequences of Collegiate Alcohol Involvement.

Co-I

September 2002 to August 2007

NIH Public Health Service, National Institute of Alcohol Abuse and Alcoholism
Kenneth Sher (PI), University of Missouri-Columbia

Faculty Incentive Grant

Maternal Influences on Toddler Social and Emotional Development

PI

May 2006 to March 2007

University of Missouri, Arts and Sciences Alumni Organization

R03 MH67797

Effects of Context on Withdrawal Behaviors in Toddlers

PI

September 2003-August 2005

NIH Public Health Services, National Institute of Mental Health

R01 MH62601

Psychobiological studies of stress in young children.

Consultant

August 2001 to June 2006

NIH Public Health Service, National Institute of Mental Health

Megan Gunnar (PI), Institute for Child Development, University of Minnesota.

URC-05-110

Transition to kindergarten for toddlers with dysregulated fear profiles

PI

June 2005-October 2006

University of Missouri-Columbia Research Council Summer Research Fellowship/Grant

URC-03-063

Identification of Dysregulated Fear Reactions in Toddlers

PI

June 2003-December 2003

University of Missouri-Columbia Research Council Summer Research Fellowship/Grant

F32 MH63563

An fMRI study of inhibited and uninhibited children.

Awardee (PI)

January 2001 to January 2004 (terminated August 2001 for faculty position)

University of Wisconsin-Madison, Richard J. Davidson (Sponsor)

NIH Public Health Service, National Research Service Award Post-Doctoral Fellowship

F31 MH11747

The physiology of temperament in infants and children.

Awardee (PI)

September 1997 to August 2000 (terminated April 2000)

University of Wisconsin-Madison, H. Hill Goldsmith (Sponsor)

NIH Public Health Service, National Research Service Award Pre-Doctoral Fellowship

Publications

Peer Review Publications

101. Anaya, B., Bierstedt, L., Tucker, N., **Buss, K. A.**, LoBue, V. & Pérez-Edgar, K. P. (accepted for publication). Categorical and latent profile approaches to temperamental infant reactivity and early trajectories of socioemotional adjustment. *Developmental Psychology*.
100. Myruski, S., Perez-Edgar, K. & **Buss, K. A.** (accepted for publication) Adolescent coping and social media use moderated anxiety change during the COVID-19 pandemic. *Journal of Adolescence*.
99. Wakschlag, L., Sherlock, P., Blackwell, C., Burns, J., Krogh-Jespersen, S., Gershon, R., Cella, D., **Buss, K.A.**, Luby, J. (2023). Modeling the normal: abnormal spectrum of early childhood internalizing behaviors: A clinical-developmental approach for the Multidimensional Assessment Profiles Internalizing Dimensions (MAPS-INT). *International Journal of Methods of Psychiatric Research*. DOI: 10.1002/mpr.1987

98. **Buss, K. A.**, Myruski, S., Perez-Edgar, K., Wadsworth, M., Dorn, L., & the TEENS Team. (2023). Study Protocol: Temperament, Evolving Emotions, and Neuroscience Study. *PsyArXiv Preprints*. <https://doi.org/10.31234/osf.io/sv7e4>
97. Grogans, S. E., Bliss-Moreau, E., **Buss, K. A.**, Clark, L. A., Fox, A. S., Keltner, D., & Shackman, A. J. (2023). The nature and neurobiology of fear and anxiety: State of the science and opportunities for accelerating discovery. *Neuroscience and Biobehavioral Reviews*, 151. <https://doi.org/10.31234/osf.io/vn3mf>
96. Vallorani, A., Gunther, K.E., Anaya, B., Burriss, J.L., Field, A.P., LoBue, V., **Buss, K.A.** & Pérez-Edgar, K. (2022). Assessing bidirectional relations between infant temperamental negative affect, maternal anxiety symptoms and infant affect-biased attention across the first 24-months of life. *Developmental Psychology*. 59(2):364-376. DOI:10.1037/dev0001479
95. Bierstedt, L., Reider, L.B., Burriss, J.L., Vallorani, A., Gunther, K.E., **Buss, K.A.** et al. (2022). Bi-directional relations between attention and social fear across the first two years of life. *Infant Behavior and Development*, 69, 101750 <https://doi.org/10.1016/j.infbeh.2022.101750>
94. Zhou, A.M., Morales, S., Youatt, E.A., & **Buss, K.A.** (2022) Autonomic nervous system activity moderates associations between temperament and externalizing behaviors in early childhood. *Developmental Psychobiology*, 64(7):e22323. doi: 10.1002/dev.22323.
93. Zhou, A.M., Trainer, A., Vallorani, A., Fu, X., & **Buss, K.A.** (2022). Are fearful boys at higher risk for anxiety? Person-Centered profiles of toddler fearful behavior predict anxious behaviors at Age 6. *Frontiers in Psychology*, 13, 911913. <https://doi.org/10.3389/fpsyg.2022.911913>
92. Reider, L.B., Bierstedt, L., Burriss, J. L., Vallorani, A., Gunther, K.E., **Buss, K.A.**, Pérez-Edgar, K., Field, A.P. & LoBue, V. (2022). Developmental patterns of affective attention across the first two years of life. *Child development*, 93(6), e607–e621. <https://doi.org/10.1111/cdev.13831>
91. Gunther, K., Anaya, B., Myruski, S., LoBue, V., **Buss, K. A.**, & Perez-Edgar, K. (2022). Variability in caregiver attention bias to threat: A Goldilocks Effect in infant emotional development? *Development and psychopathology*, 1–13. Advance online publication. <https://doi.org/10.1017/S0954579422000736>
90. Bas-Hoogendam JM, Bernstein RA, Benson BE, **Buss K.A.**, Gunther KE, Pérez-Edgar K, Salum GA, Jackowski A, Bressan RA, Zugman A, Degnan KA, Filippi CA, Fox NA, Henderson HA, Tang A, Zeytinoglu S, Harrewijn A, Hillegers MHJ, White T, van IJzendoorn MH, Schwartz CE, Felicione JM, DeYoung KA, Shackman AJ, Smith JF, Tillman R, van den Berg YHM, Cillessen AHN, Roelofs K, Tyborowska A, Hill SY, Battaglia M, Tettamanti M, Dougherty LR, Jin J, Klein DN, Leung H-C, Avery SN, Blackford JU, Clauss JA, Hayden EP, Liu P, Vandermeer MRJ, Goldsmith HH, Planalp EM, Nichols TE, Thompson PM, Westenberg PM, van der Wee NJA, Groenewold NA,

- Stein DJ, Winkler AM, Pine DS, on behalf of the ENIGMA-Anxiety Working Group. (2022). Structural brain correlates of childhood inhibited temperament: An ENIGMA-anxiety mega-analysis. *Journal of the American Academy of Child and Adolescent Psychiatry*, 61(9), 1182–1188. <https://doi.org/10.1016/j.jaac.2022.04.023>
89. Sherlock, P., Blackwell, C.K., Kallen, M.A., Lai, J.S., Cella, D., Krogh-Jespersen, S., Luby, J.L., **Buss, K.A.**, Burns, J., Wakschlag, L.S. (2022) Measuring PROMIS® emotional distress in early childhood. *Journal of pediatric psychology*, 47(5), 547–558. <https://doi.org/10.1093/jpepsy/jsac029>
88. Gartstein, M.A., Seamon, D.E., Matterna, J. A, Enlow, M.B., Wright, R.J., Perez-Edgar, K., **Buss, K.A.**, LoBue, V., Bell, M.A., Goodman, S.H., Spieker, S., Bridgett, D.J., Salisbury, A. L., Gunnar, M.R., Mliner, S.B., Muzik, M., Stifter, C. A., Planalp, E.M., Mehr, S. A., Spelke, E.S., Lukowski, A. F., Groh, A. M., Lickenbrock, D. M., Santelli, R., Schudlich, T.D.R., Anzman-Frasca, S., Thrasher, C., Diaz, A., Dayton, C. Moding, K.J., Jordan, E.M. (2022). Using machine learning to understand age and gender classification based on infant temperament. *PloS One*, 17(4), e0266026. <https://doi.org/10.1371/journal.pone.0266026>
87. Reigh, N.A., Rolls, B.J., Francis, L.A., **Buss, K.A.**, Hayes, J.E., Hetherington, M., Moding, K., Kling, S.M. and Keller, K.L. (2022). Examining the role of food form on children's self-regulation of energy intake. *Frontiers in Nutrition*. 2022 Feb 9;9:791718. doi: 10.3389/fnut.2022.791718. PMID: 35223945; PMCID: PMC8865049.
86. Pérez-Edgar, K., LoBue, V. & **Buss, K.A.** (2021). From parents to children and back again: Bidirectional processes in the transmission and development of depression and anxiety. *Depression and Anxiety*, 38(12), 1198-1200. DOI: 10.1002/da.23227
85. Burris, J.L., Reider, L.B., Oleas, D. S., Gunther, K.E., **Buss, K.A.**, Pérez-Edgar, K., Field, A.P., LoBue, V. (2021). Effects of Environmental Stressors on Infant Attention to Threat: Moderating Effects of Environmental Stressors on the Development of Attention to Threat in Infancy. *Developmental Psychobiology*, 64(3), e22241. <https://doi.org/10.1002/dev.22241>
84. Anaya, B., Ostlund, B. D., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2021). Psychometric properties of infant electroencephalography: Developmental stability, reliability, and construct validity of frontal alpha asymmetry and delta–beta coupling. *Developmental Psychobiology*, 63(6), e22178. <https://doi.org/10.1002/dev.22178>
83. Kiel, E. J., Kalomiris, A. E., & **Buss, K.A.** (2021). Maternal Accuracy for Children’s Fearful Distress in Toddlerhood and Kindergarten: Moderation of a Serial Indirect Effect by Toddler Fearful Temperament, *Parenting*, 21(4), 277-303, DOI:10.1080/15295192.2020.1754106
82. **Buss, K.A.**, Zhou, A.M., & Trainer, A. (2021). Bidirectional effects of toddler temperament and maternal overprotection on maternal and child anxiety symptoms across preschool. *Depression and Anxiety*, 38(12), 1201-1210. <https://doi.org/10.1002/da.23199>

81. Ostlund, B., Myruski, S., **Buss, K.A.**, & Pérez-Edgar, K. E. (2021). The centrality of temperament to the Research Domain Criteria (RDoC): The earliest building blocks of psychopathology. *Development and Psychopathology*, *33*(5), 1584-1598
<https://doi.org/10.1017/S0954579421000511>
80. Pérez-Edgar, K, LoBue, V., **Buss, K. A.**, Field, A. P., Reider, L., Burris, J., Oleas, D. Zhou, A., Thomas, C., Leigh, S., Ostlund, B., Anaya, B., Gunther, K., Vallorani, A., Youatt, E., Smith, C., Promagan, N., Brown, K. Bierstedt, L., Pinzon, C., Revilla, K., Sarquez, M., Fu, X., Morales, S., MacNeill, L. Auday, E., Ermanni, B., Tucker, D., & Metcalf, K. (2021). Study Protocol: Longitudinal Attention and Temperament study (LANTs). *Frontiers in psychiatry*, *12*, 656958. <https://doi.org/10.3389/fpsyt.2021.656958>
79. Zhou, A.M., & **Buss, K.A.** (2021). Trajectories of Internalizing Symptoms in Early Childhood: Associations with Maternal Internalizing Symptoms and Child Physiology. *Developmental Psychobiology*, *63*(5). DOI: 10.1002/dev.22104
78. MacNeill, L.A., Fu, X., **Buss, K.A.**, & Pérez-Edgar, K. (2021). Do you see what I mean?: Using mobile eye tracking to capture parent-child dynamics in the context of anxiety risk. *Development and psychopathology*, *34*(3), 997–1012.
<https://doi.org/10.1017/S0954579420001601>
77. Vallorani, A., Fu, X., Morales, S., LoBue V., **Buss, K. A.**, & Pérez-Edgar, K. (2021). Variable- and person-centered approaches to affect-biased attention in infancy reveal unique relations with infant negative affect and maternal anxiety. *Scientific Reports*, *11*(1), 1-14.
doi.org/10.1038/s41598-021-81119-5.
76. Kiel, E., Price, N., & **Buss, K.A.** (2020). Maternal anxiety and toddler inhibited temperament predict maternal socialization of worry. *Social Development*. *30*, 258-273.
DOI: 10.1111/sode.12476
75. LoBue, V., Reider, L.B., Kim, E., Burris, J.L., Oleas, D.S., **Buss, K.A.**, Pérez-Edgar, K., Field, A.P. (2020). The importance of using multiple outcome measures in infant research. *Infancy*.*25*(4), 420-437. doi: 10.1111/inf.12339
74. Shewark, E., Brick, T.R., **Buss, K.A.** (2020). Capturing Temporal Dynamics of Fear Behaviors on a Moment to Moment Basis. *Infancy*, *25*(3) 264-285. doi: 10.1111/inf.12328
73. **Buss, K. A.**, Cho, S., Morales, S., McDoniel, M., Frank Webb, A., Schwartz, A., Cole, P. M., Dorn, L., Gest, S., Teti, D. (2020). Toddler dysregulated fear predicts continued risk for social anxiety symptoms in early adolescence. *Development and Psychopathology* *44*, 1298-1313. doi: 10.1017/S0954579419001743
72. Blackwell, C., Wakschlag, L., Krogh-Jespersen, S., **Buss, K. A.**, Luby, J., Bevans, K., Lai, Jin-Shei, F., Christopher B., Cella, D. (2020) Pragmatic health assessments in early childhood: The PROMIS

- of developmentally based measurement for pediatric psychology. *Journal of Pediatric Psychology*. 45(3), 311-318. doi: 10.1093/jpepsy/jsz094
71. Brooker, R. J., Bates, J. E., **Buss, K. A.**, Canen, M. J., Dennis-Tiwary, T. A., Gatzke-Kopp, L. M., Hoyniak, C., Klein, D. N., Kujawa, A., Lahat, A., Lamm, C., Moser, J. S., Peterson, I. T., Tang, A., Woltering, S., & Schmidt, L. A. (2020). Conducting event-related potential (ERP) research with young children: A review of components, special considerations and recommendations for research on cognition and emotion. *Journal of Psychophysiology*, 34(137-158). doi.org/10.1027/0269-8803/a000243
 70. Pérez-Edgar, K., Vallorani, A., **Buss, K.A.**, LoBue, V. (2019) Individual differences in infancy research: Letting the baby stand out from the crowd. *Infancy*, 25(4), 438-457. doi: 10.1111/infa.12338
 69. Fu, X., Morales, S., LoBue, V., **Buss, K. A.**, Pérez-Edgar, K. (2019). Temperament Moderates Developmental Changes in Vigilance to Emotional Faces in Infants: Evidence from an Eye-tracking Study. *Developmental Psychobiology*. 62(3), 339-352. doi: 10.1002/dev.21920
 68. Burris, J. L., Oleas, D., Reider, L., **Buss, K. A.**, Pérez-Edgar, K., & LoBue, V. (2019). Biased attention to threat: Answering old questions with young infants. *Current Directions in Psychological Science*, 28(6), 534-539. doi:10.1177/0963721419861415.
 67. Burris, J. L., **Buss, K. A.**, LoBue, V., Pérez-Edgar, K., Field, A. P. (2019). Biased attention to threat and anxiety: On taking a developmental approach. *Journal of Experimental Psychopathology*, 10(3) doi.org/10.1177/2043808719860717
 66. Fu, X., Nelson, E. E., Borge, M., **Buss, K. A.**, Pérez-Edgar, K. (2019). Stationary and ambulatory attention patterns are differentially associated with early temperamental risk for socioemotional problems: Preliminary evidence from a multimodal eye-tracking investigation. *Development & Psychopathology*. 31(3), 971-988. doi:10.1017/S0954579419000427
 65. **Buss, K. A.**, Davis E. L., Ram, N, Coccia, M. (2018) Dysregulated fear, social inhibition, and RSA: A replication and extension. *Child Development*, 89 (3, e214-e228). doi. 10.1111/cdev.12774
 64. McDoniel, M., & **Buss, K. A.** (2018). Maternal responsiveness protects exuberant toddlers from developing behavior problems in kindergarten. *Early Education and Development*. 29, 716-729. Parent and child report of adolescent's depression predict trajectories of adolescent perceived stress and negative affect during the COVID-19 pandemic.
 63. Morales S., Ram N., **Buss, K. A.**, Cole P. M., Helm J. L., & Chow S-M. (2018). Age-related changes in the dynamics of fear-related regulation in early childhood. *Developmental Science*, 21(5). e12633. doi: 10.1111/desc.12633

62. Lunkenheimer, E., Tiberio, S., Skoranski, A., **Buss, K. A.**, & Cole, P. M. (2018). Parent-child coregulation of parasympathetic processes varies by social context and risk for psychopathology. *Psychophysiology*, *55*(2), e12985. doi: 10.1111/psyp.12985
61. Myruski, S., Gulyayeva, O., Birk, S., Pérez-Edgar, K., **Buss, K. A.**, & Dennis-Tiwary, T. A. (2018). Digital Disruption? Maternal mobile device use is related to infant social-emotional functioning. *Developmental Science*, *21*(4), e12610. doi: 10.1111/desc.12610
60. Morales S., Brown K. M., Taber-Thomas B. C., LoBue V., **Buss K. A.**, Pérez-Edgar K. E. (2017) Maternal anxiety predicts attentional bias towards threat in infancy. *Emotion*, *17*(5), 874-883. doi: 10.1037/emo0000275
59. Pérez-Edgar, K., Morales, S., LoBue, V., Taber-Thomas, B. C., Allen, E. K., Brown K. M., & **Buss, K.A.** (2017). The impact of negative affect on attention patterns to threat across the first two years of life. *Developmental Psychology*, *53*(12), 2219-2232. <http://dx.doi.org/10.1037/dev0000408>
58. Dollar, J., Stifter. C., **Buss, K. A.** (2017) Exuberant and Inhibited Children: Person-centered Profiles and Links to Social Adjustment. *Developmental Psychology*, *53*(7):1222-1229 DOI: 10.1037/dev0000323
57. Cho, S., & **Buss, K. A.** (2017). Toddler parasympathetic regulation and fear: Links to maternal appraisal and behavior. *Developmental Psychobiology*, *59*(2), 197–208. <http://doi.org/10.1002/dev.21481>
56. LoBue, V., **Buss, K. A.**, Taber-Thomas, B. C., & Pérez-Edgar, K. (2017). Developmental Differences in Infants' Attention to Social and Nonsocial Threats. *Infancy :The Official Journal of the International Society on Infant Studies*, *22*(3), 403–415. <http://doi.org/10.1111/infa.12167>
55. Cho, S. Philbrook, L.E., Davis, E. L., & **Buss, K. A.** (2017). Sleep duration and RSA suppression as predictors of internalizing and externalizing behaviors. *Developmental Psychobiology*, *59*, 60-69. DOI: 10.1002/dev.21467
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Unpublished Manuscripts/Technical Reports

2. **Buss, K.A.** (2000). *The physiology of emotional reactivity in toddlers: Endocrine and cardiac considerations*. Unpublished doctoral dissertation, University of Wisconsin-Madison.
1. **Buss, K.A.**, & Goldsmith, H.H. (2000). *Manual and normative data for the Laboratory Temperament Assessment Battery – Toddler Version*. Psychology Department Technical Report, University of Wisconsin-Madison.

Invited Talks/ Panel Discussions

13. *Understanding Psychophysiological Processes within a Developmental Science Framework*. Invited Presidential Symposium chaired at the Society for Psychophysiological Research Meeting, October, 2021 virtual.
12. *Development of Social Anxiety Symptoms for Fearful Children: A Biopsychosocial Approach*. Midwestern Psychology Association Invited Speaker. Chicago, IL. April, 2017
11. *Development of Social Anxiety Symptoms for Fearful Children: A Biopsychosocial Approach*. Invited Colloquium Talk. Boston University, February 2017
10. *Using Biobehavioral Profiles to Reduce Heterogeneity, Improve Specificity and Prediction of Risk*. Society for Psychophysiological Research. Invited Symposium. October 2016
9. *Biopsychosocial Processes in the Development of Social Anxiety*. Hunter College, CUNY Colloquium, November 2013
8. *Biopsychosocial Trajectories of Children with Dysregulated Fear*. Prevention Research Center Seminar Series, February 2012
7. *Which Fearful Toddlers Should We Worry about? Examining the Role of Context and Biology*. National Institute of Mental Health Intramural Program, Section on Developmental and Affective Neuroscience. June 2010
6. *Using EEG, cortisol and RSA to examine fear profiles in young children*. SRCD Panel Discussion *Physiological Measures of Emotion from a Developmental Perspective: State of the Science* (Chair Tracy A. Dennis). Presented at Society for Research in Child Development Conference, Denver, CO on April 2, 2009.

5. *The Goldsmith Temperament Model. SRCD Panel Discussion What is Temperament Now? Two Decades of Progress* (Chair Rebecca Shiner). Presented at Society for Research in Child Development Conference, Denver, CO on April 2, 2009.
4. *Dysregulated fear behavior from two to six years: Effects of context and parenting*. Invited paper presented at the Association for Research in Personality Meeting in Albuquerque, NM on February 7, 2008.
3. *Which Fearful Toddlers Should We Worry about?* Talk and Workshop presented at the Erikson Institute of Child Development, Brain Institute in Chicago, IL on October 27, 2006.
2. *Regulation of fear behavior across context: Not all fear is created equal*. Invited paper presented at 21st Annual Winter Conference of Current Issues in Developmental Psychobiology, Cabo San Lucas, Mexico on January 4, 2006
1. *Individual differences in emotional development: Behavioral and biological considerations*. Invited paper presented at the Second Annual Pediatric Therapy Network Conference: Sensory Integration, Behavior and Biology, Los Angeles, CA February 2001

Conference/Symposia Organization

12. **Buss, K.A.** (2023, March). *Biopsychosocial processes in early development: Using large-scale longitudinal studies to uncover interacting developmental mechanisms*. Symposium chaired at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
11. **Buss, K. A.** (2021, October). *Understanding Psychophysiological Processes within a Developmental Science Framework*. Invited Presidential Symposium chaired at the Society for Psychophysiological Research Meeting, virtual.
10. **Buss, K. A.**, LoBue, V., & Pérez-Edgar, K. (2018, July). *How to get the most out of infant data*. Symposium chaired at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
9. **Buss, K. A.** (2015, April) *Biomarkers of Anxiety and Fear Processes Across Development*. Symposium Chaired at the Anxiety and Depression Association of American Meeting, Miami, FL.
8. **Buss, K. A.** (2012, September), *Understanding Psychophysiology in Developmental Context: Implications for Development of Internalizing and Externalizing Symptoms*. Symposium chaired at the Society for Psychophysiological Research Meeting, New Orleans, LA.

7. **Buss, K. A.** (2011, March). *Moderators and mediators of fearful temperament trajectories*. Symposium chaired at the Society for Research in Child Development meeting, Montreal, Canada.
6. Brooker, R. J. & **Buss, K. A.** (2010, March). *Depicting control: Different approaches to studying effortful control in socioemotional development*. Symposium co-chaired at the International Conference on Infant Studies, Baltimore, MD.
5. Dennis, T. & **Buss, K. A.** (2008, March). *Which physiological measures should be used in emotion regulation research?* Roundtable Discussion co-chaired at the International Conference on Infant Studies, Vancouver, Canada.
4. Kiel, E. J., & **Buss, K. A.** (2007, March). *Influences on parenting behaviors and their relation to adaptive and maladaptive outcomes across early childhood*. Symposium co-chaired at Society for Research in Child Development Conference, Boston, MA.
3. **Buss, K. A.** & Dennis, T. (2006, June). *Studying Emotion Regulation from the Bottom-Up: A Focus on Questions and Methods*. "Hot Topics" Symposium chaired at the International Conference on Infant Studies, Kyoto, Japan.
2. **Buss, K. A.** & Potegal, M. (2003, April). *Cortisol associations with state-trait anger, sadness, and externalizing behaviors*. Symposium chaired at the Society for Research in Child Development Conference, Tampa, FL.
1. **Buss, K. A.** (1995, March). *Emotion regulation in infants, toddlers, and young children*. Symposium chaired at The Society for Research in Child Development meeting, Indianapolis, Indiana.

Conference Presentations

259. Ramos, M. L., Zhou, A. M., Lyttle, M. N., Myruski, S., Pérez-Edgar, K. E., & **Buss, K. A.** (2023, October). *Interactions among behavioral inhibition and delta-beta coupling predict adolescent anxiety during the Covid-19 pandemic*. Paper presented at the Occasional Temperament Conference, Oxford, Québec, Canada.
258. Cahill, B., Politte-Corn, M., Myruski, S., & **Buss, K.A.** (2023, September 27). *Delta beta coupling and ERP measures of attention bias as predictors of adolescent behavioral inhibition and social anxiety symptoms*. Poster presented at the Society for Psychophysiological Research, New Orleans, LA.
257. Politte-Corn, M., Brooker, R.J., Goldsmith, H.H., & **Buss, K.A.** (2023, September). *A person-centered approach to characterizing autonomic profiles in middle childhood*. Poster presented at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA.

256. Politte-Corn, M., Brooker, R.J., Goldsmith, H.H., & **Buss, K.A.** (2023, September). *Behavioral and cardiovascular markers of emotional reactivity in middle childhood*. Paper presented at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
255. Putnam, S. P. and **488 Partners** in the Global Temperament Project (2023, October). *Exploring the Role of Culture in the Development of Gender Differences in Temperament across Infancy and Childhood in 59 Countries*. Paper presented at the Occasional Temperament Conference, Oxford, Québec, Canada.
254. Shin, E., Lytle, M. N., LoBue, V., **Buss K. A.**, & Pérez-Edgar, K. (2023, July). *The Bidirectional Associations between Infant Positive Emotionality, Parent Positive Affect, and Respiratory Sinus Arrhythmia across 18 Months of Life*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Utrecht, Netherlands.
253. **Buss, K.A.**, Myruski, S., Politte-Corn, M., Tucker, N.A. & Trainer, A. (2023, April). *Which fearful adolescents should we worry about? Emerging evidence for anxiety symptom trajectories from the TEENS project*. Poster presented at the annual meeting of the Society for Research on Adolescence, San Diego, CA.
252. LeVan, S.L., Myruski, S., Tucker, N. A., Lobo, F. M., Kershner, A., Ramos, M.L., Cahill, B., & **Buss, K.A.** (2023, April). *Early Identification of Risk for Anxiety Symptoms for “First-Generation” Adolescents*. Poster presented at the annual meeting of the Society for Research on Adolescence, San Diego, CA.
251. Gilmer, M., Lytle, M. N., **Buss, K. A.**, LoBue, V., & Pérez-Edgar, K. (2023, March). *Neighborhood Cohesion as a Moderator between Familial Stress and Externalizing Behavior in Infancy*. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
250. Fernandez, Y., Gunther, K. E., Gilmer, M., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2023, March). *Home Chaos at 18 Months Relates to Infant Anger and Social Fear from 18-to-24 Months*. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
249. Zhou, A., Ivanova, M., McDoniel, M. & **Buss, K.A.** (2023, March). *Co-occurring Internalizing and Externalizing Behaviors During the Transition to Kindergarten: Disentangling Between- and Within-Individual*. Flash talk to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
248. Lobo, F., Zhou, A. & **Buss, K.A.** (2023, March). *Examining Maternal Emotion Dismissing and Toddler’s Anger Proneness as Predictors for Preschoolers’ Expressive Control*. Flash talk to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.

247. Tucker, N., Politte-Corn, M., Sun, J., Myruski, S. & **Buss, K.A.** (2023, March). *Biobehavioral Reactivity to Social Threat: Concordance Across Measures and Associations with Adolescent Social Anxiety*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
246. Ramos, M.L., Zhou, A.M., & **Buss, K.A.** (2023, March). *Individual Differences in Automatic Nervous System Activity and the Relation Between Early Toddler Dysregulation and Childhood Externalizing Behaviors*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
245. Trainer, A.T., Myruski, S., Perez-Edgar, K. E., & **Buss, K.A.** (2023, March). *Measuring Attention Bias: Predicting Anxiety in Adolescents Using Eye Tracking, Reaction Time, and EEG Measures*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
244. Ostlund, B., LoBue, V., **Buss, K.A.** & Pérez-Edgar, K. (2023, March). *When the world pivots: Changes in infant negative affect in response to the COVID-19 pandemic*. Paper symposium to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
243. Pérez-Edgar, K., Anaya, B., LoBue, V. & **Buss, K.A.** (2023, March). *EEG Correlates of Anxiety Risk from 8-to-18-Months are associated with Mother-Infant Affective Concordance at 8-Months*. Paper symposium to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
242. Burris, J., Reider, L., Gunther, K., **Buss, K.A.**, Pérez-Edgar, K. & LoBue, V. (2023, March). *Moderating effects of environmental stressors on the development of attention to threat in infancy*. Paper symposium to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
241. LoBue, V., Reider, L., Bierstedt, L., Burris, J., Vallorani, A., Gunther, K., **Buss, K.A.** & Pérez-Edgar, K. (2023, March). *The development of biased attention to threat across the first two years of life*. Paper symposium to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
240. Gray, K. N., Lobo, F. M., & **Buss, K. A.** (2023, March). *Socioeconomic Status, Parenting, and Inhibitory Control at Age 2 Predict Later Child Prosocial Behaviors*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
239. Vallorani, A., Gunther, K.E., Burris, J., LoBue, V., **Buss, K.A.** & Pérez-Edgar, K. (2023, March). *Infant Temperamental Negative Affect Relates to Social Behavior with Peers but not Early Social Attention Trajectories*. Paper symposium to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.

238. Anaya, B., LoBue, V., **Buss, K.A.** & Pérez-Edgar, K. (2023, March). *Trajectories of Infant EEG Delta-Beta Coupling in the Context of Mother-Infant Dyadic Interactions: The Role of Infant Temperament in Coloring These Relations*. Paper symposium to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
237. Woodlen, K., Zhou, A., Thomas, C., Myruski, S. & **Buss, K.A.** (2023, March). *Associations Between Neighborhood Characteristics, Parental Monitoring, and Adolescent Anxiety Symptoms Through a Pluralistic Lens*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
236. Myruski, S. & **Buss, K.A.** (2023, March). *Neurophysiological Emotion Regulation Mediates the Link Between Digital Media Use and Anxiety Symptoms in Adolescents*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
235. Reider, L.B., Bierstedt, L., Burris, J., **Buss, K.A.**, Pérez-Edgar, K., & LoBue, V., (2022, November). *The relation between caregivers' emotional input and infants' emotional perception*. Poster to be presented at the annual meeting of the International Society for Developmental Psychobiology, San Diego, CA.
234. Gunther, K. E., Anaya, B., Myruski, S., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2022, July). *Caregiver Dot Probe Attention Bias Variability predicts changes In Negative Affect across the First Two Years of Life*. Poster presented at the biennial meeting of the International Congress on Infant Studies, Ottawa, Canada.
233. Jones, M., Gunther, K. E., Anaya, B., LoBue, V., **Buss K. A.**, & Pérez-Edgar, K. (2022, July). *Associations between Home Chaos, Maternal Depression, and Infant Attention to Emotion at 18 Months of Age*. Poster presented at the biennial meeting of the International Congress on Infant Studies, Ottawa, Canada.
232. Fernandez, Y., Gunther, K. E., Gilmer, M., LoBue, V., **Buss K. A.**, & Pérez-Edgar, K. (2022, July). *Associations between Maternal Report of Home Chaos at 18 Months and change in Infant Anger and Social Fear between 18 and 24 Months*. Poster presented at the biennial meeting of the International Congress on Infant Studies, Ottawa, Canada
231. Gilmer, M., Anaya, B., **Buss, K.A.**, LoBue, V., Pérez-Edgar, K. (2022, July). *Infant negative affect trajectories as a function of maternal positive engagement and household chaos*. Poster to be presented at the International Congress of Infant Studies, Ottawa, Canada.
230. Pérez-Edgar, K., Anaya, B., Ostlund, B., **Buss, K. A.**, & LoBue, V. (2022, July). *EEG Correlates of Anxiety Risk in the First Two Years of Life are associated with Mother-Infant Affective Concordance at 8 Months*. Paper to be presented at the biennial meeting of the International Congress on Infant Studies, Ottawa, Canada.

229. Anaya, B., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2022, July). *Infant Functional Network Topology: Associations with Infant Temperament Trajectories in the Context of Maternal Anxiety Over Time*. Paper to be presented at the biennial meeting of the International Congress on Infant Studies, Ottawa, Canada.
228. Gray, K. N., Lobo, F. M., & **Buss, K. A.** (2022, July). *The moderating effect of inhibitory control on the association between authoritarian parenting and prosocial behaviors*. Poster presented at The International Congress of Infant Studies, Ottawa, Canada.
227. Bierstedt, L., Reider, L.B., Burris, J., Vallorani, A., Pérez-Edgar, K., **Buss, K.A.**, & LoBue, V. (2022, July). *Examining the bi-directional relations between attention and temperament across the first two years of life* [Poster presentation]. The International Congress of Infant Studies, Ottawa, Canada.
226. Walsh, K.L., Myruski, S., & **Buss, K.A.** (2022, April). *Error Related Negativity as a Neurophysiological Correlate of School Anxiety in Adolescents*. Poster presented at the Psi Chi International Undergraduate Psychology Research Conference, State College, PA.
225. Tucker, N.A., Zhou, A.M., Strati, J., Myruski, S., **Buss, K.A.** (2022, March). *Adolescent Temperament and Parenting Interact to Predict Discrepancies in Parent and Child Reporting of Anxiety Symptoms in Early Adolescence*. Poster presentation at the Society for Research in Adolescence Biennial Meeting, New Orleans, Louisiana.
224. Ramos, M.L., Zhou, A.M., Lytle, M.N., Myruski, S., Pérez-Edgar, K., & **Buss, K.A.** (2022, March). *The role of delta beta coupling on adolescent anxiety and stress during the covid-19 pandemic*. In S. Myruski & A. Zhou (Chairs), *Biological Measures of Stress and Emotion Regulation as Predictors of Adolescent Internalizing Symptoms*. Symposium conducted at the Society for Research in Adolescence Biennial Meeting, New Orleans, Louisiana.
223. Myruski, S., **Buss, K.A.**, Pérez-Edgar, K (2021, December). *Adolescent Anxiety, Coping, and Social Media Use during COVID-19*. In *Emotion Development Lab presentation of Stress and Coping with COVID-19 in Teens*. Invited talk at the Developmental Area Proseminar Series, The Pennsylvania State University.
222. Tucker, N.A., Zhou, A.M., **Buss, K.A.** (November, 2021). *Maternal Emotion Dysregulation and Child Dysregulated Fear Predict Resting RSA and RSA Reactivity in Early Childhood*. Poster to be Presented at the 54th annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.
221. Reider, L.B., Bierstedt, L., Burris, J., **Buss, K.**, Pérez-Edgar, K., LoBue, V., & Field, A.P. (2021, November). *Attention to threat across three eye-tracking tasks: Patterns across the first two years of life*. Poster to be presented at the annual meeting of the International Society for Developmental Psychology, Chicago, IL.
220. Bierstedt, L., Reider, L.B., Burris, J., Pérez-Edgar, K., **Buss, K.**, & LoBue, V. (2021, November). *Exploring the relationship between affect-biased attention and social fear over*

- time*. Poster to be presented at the annual meeting of the International Society for Developmental Psychology, Chicago, IL.
219. Lytle, M. N., Zhou, A. M., Thomas, C., Youatt, E. A., Witherspoon, D. P., LoBue, V., **Buss, K. A.**, Pérez-Edgar, K. (2021, November). *Associations between Neighborhood, Maternal Internalizing Symptoms, and Infant Parasympathetic Nervous System Activity*. Poster to be presented at the International Society for Developmental Psychobiology, Chicago, Illinois.
218. **Buss, K. A.** (2021, October). *Understanding Psychophysiological Processes within a Developmental Science Framework*. Invited Presidential Symposium chaired at the Society for Psychophysiological Research Meeting, virtual.
217. Strati, J., Zhou, A. & **Buss, K.A.** (2021, September). *Discrepancies between Parent-Adolescent Reports of Adolescent Social Anxiety: Associations of Parental Support, Conflict and Anxiety Severity*. Poster accepted to the 2021 APS Virtual Convention and Poster Showcase.
216. Vallorani, A., Gunther, K. E., Anaya, B., Morales, S., Fu, X., Burris, J. L, Field A. P., **Buss, K. A.**, LoBue, V., & Pérez-Edgar, K. (2021, April). *Relations between affect-biased attention, maternal anxiety and infant negative affect in cross-sectional and longitudinal samples*. Paper accepted to the biannual meeting of the Society for Research in Child Development, Virtual.
215. Thomas, C., Pérez-Edgar, K., **Buss, K.A.**, Kershner, A., Ricks, V., & Hill, T. (2021, April). *Covid-19 Disparities in Black and Underserved Youth*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
214. Trainer, A., & **Buss, K.A.** (2021, April). *Temperamental Differences in Emotion Regulation: The role of Maternal Accuracy*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
213. Tucker, N., Trainer, A., Davis, E., & **Buss, K.A.** (2021, April). *The Effects of Parent Socialization and Strategy Instruction on Emotion Regulation in Early Childhood*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
212. Smith, C., Anaya, B., **Buss, K.A.**, Lobue, V., & Pérez-Edgar, K. (2021, April). *Trajectories of Maternal Anxiety as a Function of Infant Negative Reactivity and Perceived Daily Stress*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
211. Reider, L., Burris, J., Bierstedt, L., Revilla, K., Pinzon, C., Pérez-Edgar, K., **Buss, K.A.**, & Lobue, V. (2021, April). *A longitudinal investigation of infant attention across diverse context*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.

210. McDoniel, M., Zhou, A., & **Buss, K.A.** (2021, April). *Associations between Internalizing and Externalizing Trajectories across Early Childhood*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
209. Ma, Y., Youatt, E., Zhou, A. Lobue, V., **Buss, K.A.**, & Pérez-Edgar, K. (2021, April). *Relations between 9-month-old Surgency, Parent Daily Hassles, and 12-month-old Baseline RSA*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
208. Lobo, F., Zhou, A., **Buss, K.A.**, & Dollar, J. (2021, April). *Taking a Person-Centered Approach to Examine Preschoolers' Expressive Control*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
207. Burke, M.M., **Buss, K.A.**, & McDoniel, M. (2021, April). *The Role of Discrepancies in Parent and Youth Reporting of Parental Monitoring on Anxiety Symptoms in Early Adolescence*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
206. Bierstedt, L., Burris, J., **Buss, K.A.**, Pérez-Edgar, K., & Lobue, V. (2021, April). *Attention Tasks at 8 Months Predict Social Fear at 12 Months*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
205. **Buss, K.A.**, Zhou, A., & Trainer, A. (2021, April). *From Toddler Fearful Temperament and Maternal Overprotection to Maternal and Child Anxiety Across Early Childhood*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
204. Shewark, E., Brick, T., & **Buss, K.A.** (2021, April). *The Continuous Dimensions of Fear Reactivity and Regulation*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
203. MacNeill, L., Gunther, K., **Buss, K.A.**, Lobue, V., & Pérez-Edgar, K., (2021, April). *Profiles of Parenting Risk Predict Infant Temperament and Attention to Threat: An Eye-Tracking Study*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
202. Youatt, E., Zhou, A., Lobue, V.; **Buss, K.A.**, & Pérez-Edgar, K. (2021, April). *In a Matter of Seconds: Comparative Modeling Of 8-Month-Old RSA During A Social Fear Task*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
201. **Buss, K.A.**, Myruski, S., Pérez-Edgar, K., Ricks, V., Zhou, A., Trainer, A., Thomas, C., Hill, T., Kershner, A., Lobo, F., McDoniel, M., LeVan, S.L., Tucker, N., & Myruski, S. (2021, April). *Covid-19 Pandemic Effects on Anxiety Development in Adolescents*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
200. MacNeill, L.A., Fu, X., **Buss, K.A.**, & Pérez-Edgar, K. (2020, November). *Do You See What I Mean?: Exploring Parent-Child Dynamics in the Context of Behavioral Inhibition with Mobile Eye-Tracking*. Paper presented at the Occasional Temperament Conference, Blacksburg, Virginia.

199. Ostlund, B. D., Anaya, B., LoBue, V., **Buss, K.**, & Pérez-Edgar, K. E. (2020, September). *Charting trajectories of neural noise across the first two years of life*. Poster presented at the Flux Society Annual Meeting
198. Ostlund, B. D., Burris, J.L., Anaya, B., LoBue, V., **Buss, K.A.**, & Pérez-Edgar, K. E. (2020, July) *Neural Noise Associates With Vigilance to Threat in the First Year of Life*. Poster presented at the ICIS conference, virtual.
197. Burris, J. L., Reider, L., Oleas, D. S., Weems, A., Pérez-Edgar, K. E., **Buss, K.A.**, & LoBue, V. (2020, July) *Infants' longitudinal patterns of attention to threat and their relation to anxiety risk factors*. Poster presented at the ICIS conference, virtual.
196. Reider, L.B., Burris, J.L., Oleas, D.S., Pochinki, N., Mahaffey, E. M., Pérez-Edgar, K. E., **Buss, K.A.**, & LoBue, V. *The Relation Between Maternal Internalizing Symptoms and Infant Processing of Emotional Face*. Poster presented at the ICIS conference, virtual.
195. Oleas, D.S., Reider, L.B., Burris, J.L., Pochinki, N., **Buss, K.A.**, Pérez-Edgar, K. E., & LoBue, V. *The Relation Between Environmental Stress and Looking Behavior in Early Infancy*. Poster presented at the ICIS conference, virtual.
194. Anaya, B., **Buss, K.A.**, LoBue, V., & Pérez-Edgar, K. E. (July 2020). *Maternal Anxiety and Infant Negative Trajectories: The Role of Neural and Environmental Factors During Infancy*. Paper presented at the International Congress of Infant Studies (ICIS). Glasgow Scotland. (conference cancelled due to Covid 19 pandemic)
193. Reider, L.B., Burris, J.L., Oleas, D., Pochinki, N., Mahaffey, E.M., Pérez-Edgar, K. E., **Buss, K.**, LoBue, V. (July 2020). *The relation between maternal internalizing symptoms and infant processing of emotional faces*. Poster to be presented at the annual meeting of the International Congress of Infant Studies, Glasgow, Scotland. (conference cancelled due to Covid 19 pandemic)
192. Burris, J.L., Reider, L., Oleas, D., Weems, A., **Buss, K.A.**, Pérez-Edgar, K. E., LoBue, V. (July 2020). *Infants longitudinal patterns of attention to threat and their relation to anxiety risk factors*. Poster to be presented at the biennial meeting of the International Congress on Infant Studies, Glasgow, Scotland. (conference cancelled due to Covid 19 pandemic)
191. Vallorani, A., Gunther, K.E., Burris, J.L., **Buss, K.A.**, LoBue, V., & Pérez-Edgar, K. E. (July 2020). *Modeling individual differences in developmental trajectories of orienting to emotional stimuli from 4- to 24- months*. Poster accepted to the biannual meeting of The International Congress of Infant Studies, Glasgow, Scotland. (conference cancelled due to Covid 19 pandemic)
190. Oleas, D.S., Reider, L.B., Burris, J.L., Pochinki, N., Pérez-Edgar, K., **Buss, K.**, & LoBue, V. (July 2020). *The relation between environmental stress and looking behavior in early infancy*. Poster presented at the annual meeting of the International Congress of Infant Studies, Glasgow Scotland. (conference cancelled due to Covid 19 pandemic)

189. Ostlund, B.D., Burris, J.L. Anaya, B., LoBue, V., **Buss, K.A.**, & Pérez-Edgar, K. E. (July 2020). *Neural noise associates with vigilance to threat in the first year of life*. Poster presented at the biennial meeting of the International Congress on Infant Studies, Glasgow Scotland. (conference cancelled due to Covid 19 pandemic)
188. Reider, Lori B., Burris, Jessica L., Oleas, Denise S., Sarquez, Michell, Promagan, Norbert, Tucker, Dara, **Buss, Kristin A.**, Pérez-Edgar, Koraly & LoBue, Vanessa (2019, October). *The Relation Between Violence Exposure, Anxiety, and Threat Processing*. Poster presented at International Society for Developmental Psychobiology, Chicago, Illinois.
187. Oleas, Denise S., Burris, Jessica L., Reider, Lori B., Sarquez, Michell, Pérez-Edgar, Koraly, **Buss, Kristin A.** & LoBue, Vanessa (2019, October). *Assessing Behavioral and Passive Viewing Methodologies Across a Diverse Sample of Mothers of Infants*. Poster presented at International Society for Developmental Psychobiology, Chicago, Illinois.
186. Zhou, Anna, Morales, Santiago & **Buss, Kristin A.** (2019, October). *Associations Between Toddlers' Externalizing Behaviors and Trajectories Of Baseline RSA During Early Childhood*. Poster presented at International Society for Developmental Psychobiology, Chicago, Illinois.
185. Burris, Jessica L., Oleas, Denise S., Reider, Lori B., Sarquez, Michell, Weems, Ashley, **Buss, Kristin A.**, Pérez-Edgar, Koraly & LoBue, Vanessa. (2019, October). *Social Disorder Moderates the Link Between Parents' and Their Infant's Attention to Threat*. Poster presented at International Society for Developmental Psychobiology, Chicago, Illinois.
184. Cordero, Andrea L., Zhou, Anna M. & **Buss, Kristin A.** (2019, October). *Respiratory Sinus Arrhythmia (RSA) During an Executive Functioning Task: Associations with Children's Fearful Temperament and Family Environment*. Poster presented at International Society for Developmental Psychobiology, Chicago, Illinois.
183. Anaya, B., **Buss, Kristin A.**, LoBue, Vanessa, Brooker, R., & Pérez-Edgar, Koraly. (2019, September). *The Role of Delta-Beta Synchrony in Early Development of Anxiety across Infancy, Childhood, and Early Adolescence*. Poster presented at The Society for Psychophysiological Research Conference, Washington D.C.
182. Oleas, Denise S., Burris, Jessica L., Sarquez, Michell, Pérez-Edgar, Koraly, **Buss, Kristin A.** & LoBue, Vanessa. (2019, August) *The Relation Between Environmental Stress and Attention to Emotion in Parents Living Across Three Demographically Different Locations*. Poster presented at Flux: The Society for Developmental Cognitive Neuroscience, New York, New York.
181. **Buss, K. A.**, Bierman, K., Teti, L. O., Witherspoon, D., McDoniel, M., & Lobo, F. (2019, March). *Neighborhood risk predicts anxiety in Head Start preschoolers via maternal psychopathology*. Paper presented at Society for Research in Child Development, Baltimore, MD.

180. McDoniel, M., **Buss, K. A.**, Witherspoon, D., & Moore, G. (2019, March). *The effects of neighborhood risk and surgent temperament on internalizing behaviors across early childhood*. Paper presented at Society for Research in Child Development, Baltimore, MD.
179. Burris, J., Oleas, D., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2019, March). *Disorder in the environment moderates the relation between infant temperament and visual attention to threatening faces*. Paper presented at Society for Research in Child Development, Baltimore, MD.
178. Gunther, K., Fu, X., MacNeill, L., Ermanni, B., Vallorani, A., **Buss, K. A.**, & Pérez-Edgar, K. (2019, March). *Characterizing Naturalistic Sustained Attention in Behaviorally Inhibited Children: Risk Factors for Internalizing Symptoms*. Paper presented at Society for Research in Child Development, Baltimore, MD.
177. Vallorani, A., Brown, K., Fu, X., Gunther, K., MacNeill, L., Ermanni, B., **Buss, K. A.**, & Pérez-Edgar, K. (2019, March). *Processing Social and Non-Social Rewards in the Peer Context: The Role of Temperament*. Paper presented at Society for Research in Child Development, Baltimore, MD.
176. Shewark, E., Brick, T., & **Buss, K. A.** (2019, March). *Capturing Temporal Dynamics of Fear Behaviors on a Second by Second Basis*. Paper presented at Society for Research in Child Development, Baltimore, MD.
175. Fu, X., MacNeill, L., **Buss, K. A.** & Pérez-Edgar, K. (2019, March). *Affect-biased Attention is Linked to Individual Differences in Social Withdrawal: A Multimodal Eye-tracking Investigation*. Paper presented at Society for Research in Child Development, Baltimore, MD.
174. MacNeill, L., Fu, X., **Buss, K. A.** & Pérez-Edgar, K. (2019, March). *Using Mobile Eye-Tracking Methodology to Capture Parent-Child Dynamics in the Context of Anxiety Risk*. Paper presented at Society for Research in Child Development, Baltimore, MD.
173. Pérez-Edgar, K. Vallorani, V., Anaya, B., Morales, S. **Buss, K. A.**, & LoBue, V. (2019, March). *Using Person-Centered Approaches to Examine Individual Differences in Attention and Socioemotional Development*. Paper presented at Society for Research in Child Development, Baltimore, MD.
172. Bai, L., & **Buss, K. A.** (2019, March). *Respiratory sinus arrhythmia and cortisol reactivity in toddlers predict observed fear and maternal-reported behavior problems*. Poster presented at Society for Research in Child Development, Baltimore, MD.
171. Zhou, A., & **Buss, K. A.** (2019, March). *Developmental Trajectories of Internalizing Symptoms during Early Childhood: The Role of Maternal*. Poster presented at Society for Research in Child Development, Baltimore, MD.

170. Burris, J., Oleas, D., Rodriguez, K., **Buss, K. A.**, Pérez-Edgar, K., LoBue, V. (2019, March). *An eye Tracking Investigation of the Relation Between Parent and Infant Attentional Biases to Threat*. Poster presented at Society for Research in Child Development, Baltimore, MD.
169. Fareedi, E., Burris, J., Oleas, D., Perez-Edgar, K., **Buss, K. A.**, & LoBue, V. (2019, March). *The Impact of Prolonged Parental Anxiety on Infant Latency to Emotion*. Poster presented at Society for Research in Child Development, Baltimore, MD.
168. Fu, X., Morales, S., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2019, March). *Age and Temperament Moderate Attentional Vigilance to Faces in Infants: Evidence from an Eye-tracking Study*. Poster presented at Society for Research in Child Development, Baltimore, MD.
167. Gunther K., Fu, X., MacNeill, L., Ermanni, B., **Buss, K. A.**, & Pérez-Edgar, K. (2019, March). *Low Naturalistic Attention Shifting as a Risk Factor for Internalizing Symptoms in Behaviorally Inhibited Children*. Poster presented at Society for Research in Child Development, Baltimore, MD.
166. Lobo, F., McDoniel, M., Bierman, K., Witherspoon, D., Teti, L., & **Buss, K. A.** (2019, March). *Developing the BRAVE Intervention to Target Child Anxiety*. Poster presented at Society for Research in Child Development, Baltimore, MD.
165. Oleas, D., Burris, J., Dhaliwal, N., Mero, S., Pérez-Edgar, K., **Buss, K. A.** & LoBue, V. (2019, March). *Factors Influencing Infant Attention to Emotion Shift from Temperament at 4-Months to Environment at 8-Months*. Poster presented at Society for Research in Child Development, Baltimore, MD.
164. Promagan, N., Youatt, E., Vallorani, A., Zhou, A., LoBue, V., **Buss, K. A.** Pérez-Edgar, K. (2019, March). *Predicting infant sleep problems: The roles of infant temperamental negative affect and maternal anxiety*. Poster presented at Society for Research in Child Development, Baltimore, MD.
163. Vallorani, A., Fu, X., Ram, N. & **Buss, K. A.** (2019, March). *Person-centered infant temperament profiles and infant prosocial behaviors with peers predict childhood social engagement*. Poster presented at Society for Research in Child Development, Baltimore, MD.
162. Pérez-Edgar, K., Vallorani, A., Anaya, B., Morales, S., **Buss, K. A.**, & LoBue, V. (2019, July). *Attention mechanisms and socioemotional functioning in infancy: taking a person-centered approach*. Paper to be presented at the 9th World Congress of Behavioural and Cognitive Therapies, Berlin, Germany.
161. Brown, K. M., Parry, L., Q., Risley, S., & **Buss, K. A.** (2018, July). *Child externalizing problems: What kind of parenting leads to negative outcomes?* Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.

160. Chen, S., McDoniel, M., & **Buss, K. A.** (2018, July). *Early withdrawn behaviors and effortful control in toddlers predicts later depressive mood in pre-adolescence*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
159. McDoniel, M., **Buss, K. A.**, Witherspoon, D., & Moore, G. (2018, July). *The effects of neighborhood risk and exuberant temperament on internalizing symptoms across early childhood*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
158. Perez-Edgar, K., Vallorani, A.,* Morales, S., & **Buss, K. A.** (2018, July). *The Promises and Challenges of an Individual Differences Approach to Infant Research*. Paper presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
157. Vallorani, A.,* Fu, X.,* Morales, S., LoBue, V., **Buss, K. A.** & Perez-Edgar, K. (2018, July). *Development of affect-biased attention: Mediation by negative affect and moderation by maternal anxiety*. Paper presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
156. Anaya, B., **Buss, K. A.**, & Perez-Edgar, K. (2018, July). *Caregiver interference in relation to infants' vocal expressions: Context and maternal perceptions of infant's temperament matter* Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
155. Burris, J. L., Oleas, D., Walden, Z., Kim, E., **Buss, K. A.**, Perez-Edgar, K., & LoBue, V. (2018, July). *Evidence for Dysregulation in Infants of Depressed and Anxious Parents on a Variety of Emotional Tasks*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
154. Burris, J. L., Oleas, D., Walden, Z., Kim, E., **Buss, K. A.**, Perez-Edgar, K., & LoBue, V. (2018, July). *Relations Between Community Stress and Emotional Processing in Infants*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
153. Gunther, K. E., MacNeill, L.,* Burris, J. L., LoBue, V., **Buss, K. A.**, & Perez-Edgar, K. (2018, July). *Patterns of Maternal Threat Bias Moderate the Association between Household Chaos and Infant Regulation*. Poster to be presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
152. MacNeill, L., Burris, J., Gunther, K. E., Perez-Edgar, K., **Buss, K. A.** & LoBue, V. (2018, July). *Attention Bias in Context: Profiles of Family Emotional Climate Contribute to Infant Temperament and Attention to Threat*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
151. Oleas, D., Burris, J. L., Walden, Z., Kim, E., **Buss, K. A.**, Perez-Edgar, K., & LoBue, V. (2018, July). *Maternal Anxiety is associated with decreased Attention to Emotional Stimuli*

- in Infants*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
150. Phillips, J., Vallorani, A.,* Zhou A. M., Perez-Edgar, K., LoBue, V., & **Buss, K. A.** (2018, July). *Mother and Infant Negative Affect Predict Infant Physiological Regulation During a Frustrating Task*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
149. Zhou A. M., Vallorani, A., Phillips, J., Perez-Edgar, K., LoBue, V., & **Buss, K. A.** (2018, July). *Maternal Anxiety and Depression Prospectively Predict Physiological Regulation of Social Fear in Infants*. Poster presented at the International Congress of Infant Studies, Philadelphia, Pennsylvania.
148. Babrick, S., Gulyayeva, O., Pérez-Edgar, K., **Buss, K. A.**, & Dennis-Tiway, T. A. (2017, April). *Digital Disruption?: Maternal Mobile Device Use and Child Social-Emotional Functioning*. Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
147. Morales, S., Brown, K. M., **Buss, K. A.**, & Pérez-Edgar, K. (2017, April). *Effortful Control Modulates Young Children's Affective Responses to Acceptance and Rejection from Peers*. Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
146. Morales, S., & **Buss, K. A.** (2017, April). *Physiological Markers of Emotion Regulation Moderate the Relation Between Surgency and Externalizing in Young Children*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
145. Shewark, E., & **Buss, K. A.** (2017, April). *Capturing Temporal Dynamics of Fear Behaviors on a Second by Second Basis*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
144. McDoniel, M., & **Buss, K.A.** (2017, April). *Parent Responsiveness Protects Exuberant Children from Developing Behavior Problems in the Classroom*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
143. Brown, K. M., Morales, S., **Buss, K. A.**, LoBue, V., & Pérez-Edgar, K. (2017, April). *Dynamic Fear Expression in Infants vary with Age and Maternal Anxiety*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
142. Fu, X., Brown, K. M., Morales, S., LoBue, V., **Buss, K. A.**, & Pérez-Edgar, K. (2017, April). *Temperament Moderates Vigilance to Emotional Faces in Infants: Evidence from an Eye Tracking Study*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

141. Yang, X., Risley, S., **Buss, K. A.**, Pérez-Edgar, K., Destafney, C., Parry, L., & Ram, N. (2017, April). *No Relation between Attention Bias and Behavioral Inhibition: Findings from 6 studies using 6 metrics of Attention Bias*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
140. **Buss, K. A.**, Morales, S., Brooker, R. J. (Nov 2016). *Vigilance and Avoidance in Children with Dysregulated Fear*. Paper presented in invited symposium at International Society for Developmental Psychobiology Meeting. San Diego, CA.
139. Boriello, G., Liben, L., & **Buss, K. A.** (2016, June). *Does Parent or Child Gender Impact Dyads' Spatial Behavior During Play?* Jean Piaget Society Meeting.
138. Fu, X., Brown, K.M., LoBue, V., **Buss, K.A.**, Perez-Edgar, K.E (May, 2016). *Effortful Control Moderates the Link between Negative Affect and Vigilance to Threat only after the First Year of Life*. Poster to be presented at the International Congress of Infant Studies. New Orleans, LA.
137. Gulyayev, O., Babkirk, S., Louis, C., Brown, K., Perez Edgar, K., **Buss, K. A.**, & Dennis-Tiway, T., D. (2016, May). *Still Face with Mobile Devices: Impact of Maternal Device Use on Child Social-Emotional Functioning*. Poster Presented at American Psychological Society Meeting. New York
136. Palmer, A., **Buss, K.**, McDoniel, M., Morales-Pamplona, S. (2016, March). *The Effects of Exuberance in Infancy and Effortful Control on Social Competence and Peer Acceptance*. Poster presented at the Undergraduate Research Exhibition, State College, PA.
135. Phelps, R.A., Brooker, R.J., & **Buss, K.A.** (May, 2016). *Delta-beta coupling is associated with contextual threat levels in children*. Paper to be presented at the annual meeting of the Midwestern Psychological Association; Chicago, IL.
134. Palmer, A., McDoniel, M., Morales, S., & **Buss, K.A.** (May, 2016). *The Effects of Infant Exuberance and Effortful Control on Peer Acceptance in Kindergarten*. Poster to be presented at the International Conference on Infant Studies, New Orleans, LA.
133. Morales, S., Ram, N., **Buss, K.A.**, Cole, P.M., Helm, J.L., & Chow, S. (May, 2016). *Age Differences in the Self-Regulation of Fear: Changes in the Dynamic Coupling of Prepotent and Executive Processes*. Poster to be presented at the International Conference on Infant Studies, New Orleans, LA.
132. Morales, S., Brown, K.M., Taber-Thomas, B.C., **Buss, K.A.** & Pérez-Edgar, K.E. (May, 2016). *Maternal Anxiety Predicts Attentional Bias Towards Threat in Infancy*. Paper to be presented at the International Conference on Infant Studies, New Orleans, LA.
131. McDoniel, M. & **Buss, K.A.** (May, 2016). *Low withdrawal-high approach in toddlers predicts maladjustment in kindergarten when parents are low in comfort and control*. Poster session at the annual meeting of the Society for Prevention Research, San Francisco, CA.

130. McDoniel, M., **Buss, K.A.**, Witherspoon, D., & Moore, G. (May, 2016). *High parental intrusiveness in the context of high neighborhood risk predicts greater child anxiety*. Poster session at the biennial meeting of International Congress of Infancy Studies, New Orleans, LA.
129. Morales, S. & **Buss, K. A.** (October, 2015). *Longitudinal Relations Between Temperamental Surgency and Externalizing: The Moderating Role of PEP*. Poster presented at the Society for Psychophysiological Research Annual Meeting, Seattle, WA.
128. Begnoche, J.P., Brooker, R.J., Vess, M., & **Buss, K.A.** (October, 2015). *EEG asymmetry and ERN: Temperament outcomes in preschoolers*. Poster presented at the annual meeting of the Society for Psychophysiological Research; Seattle, WA.
127. Boriello, G., Liben, L., & **Buss, K. A.** (2015, October). *Does Spatial Talk During Parent-Child Play Vary by Parent or Child Gender?* Poster presented at the meetings of the Cognitive Development Society, Columbus, OH.
126. Palmer, A., **Buss, K.A.** (2015, July & September). *The Effects of Exuberance and Effortful Control on Social Competence and Peer Acceptance*. Paper presented at Ronald E. McNair and Summer Research Opportunity Program Symposium, State College, PA. Paper presented at Ronald E. McNair National Conference, Baltimore, Maryland.
125. **Buss, K.A.** , Morales, S., Davis, E. L., Brooker, R. J., Philbrook, L., & Fu, X. (2015, April). *Biomarkers Of Dysregulated Fear Processes*. Paper presented at the Anxiety and Depression Association of American Meeting, Miami, FL.
124. Brown, K., **Buss, K.**, Davis, E. (2015, March). *Effects of Reappraisal and Distraction Strategies on Expressed Emotion, Regulatory Behaviors, and Memory in Kindergarteners*. Poster presentation at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
123. Brown, K., Allen, E. K., Taber-Thomas, B., Allen, E., **Buss, K.**, Perez-Edgar, K. (2015, March). *Attentional Bias due to Temperamental Differences in 12 to 24 Month Old Infants*. Poster presentation at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
122. **Buss, K.A.** (2015, March). *Children's Responses to Social Challenge: Linking Early Dispositional Traits to the Development of Social Anxiety*. Paper symposium discussant (Michalska, Chair), Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
121. **Buss, K. A.**, & Perez-Edgar, K. (2015, March). *Conceptual and Methodological Issues in Capturing Attention Bias from Infancy to Late Childhood*. Paper presented at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

120. Cho, S., & **Buss, K.A.** (2015). *Maternal cognitive appraisal of child anxious traits: Links to maternal overprotection and toddler RSA*. Poster presentation at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
119. Frank Webb, A., **Buss, K. A.**, & Kiel, E. J. (March, 2015). *Can parents and teachers accurately predict kindergarteners' social and emotional functioning?* Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
118. Fu, X., & **Buss, K.A.** (March, 2015). *Dysregulated Fear Profile Predicts an Interactive Effect of Cortisol Reactivity and Environmental Load on Social Withdrawal*. Poster presented at the Society for Research in Child Development Biennial Meeting. Philadelphia, Pennsylvania.
117. Morales, S., Shewark, E. A., Beltz, A., Molenaar, P. C., & **Buss, K. A.** (2015). *The Utility of Unified Structural Equation Modeling (uSEM) for the Study of Regulation and Dysregulation of Fear*. In Morales, S. & Cole P. M. (Chairs), *Longitudinal Methods for the Study of Self-Regulation and Its Development*. Symposium conducted at the Society for Research in Child Development's Biennial Meeting, Philadelphia, PA.
116. Morales, S., Perez-Edgar, K. E., & **Buss, K. A.** (2015). *Longitudinal Relations among Exuberance, Externalizing, and Attentional Bias to Reward: the Mediating Role of Effortful Control*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
115. Schwartz, A., Morales, S., Cole, P., Teti, D., Gest, S., Dorn, L., **Buss, K.** (2015, March). *Dysregulated Fear Predicts Social Anxiety and Over-Protecting Parenting Styles in Early Adolescence*. Poster presentation at Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
114. Younkings, L.B., Philbrook, L.E., Morales, S., Blandon, A.Y., & **Buss, K.A.** (2015, March). *The relationship between cooperative coparenting and academic functioning and the moderating role of inhibition*. Poster to be presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
113. **Buss, K. A.** & Perez-Edgar, K. (2015, January). *The Baby Dot-Probe*. Paper presented at Mortimer D. Sackler Winter Conference in Developmental Psychobiology, Providenciales, Turks & Caicos Islands.
112. Fu, X., & **Buss, K.A.** (September, 2014). *Dysregulated Fear Predicts Differential Relations between Cortisol Activation and Internalizing Symptoms*. Poster presented at the Society for Psychophysiological Research Conference. Atlanta, Georgia.
111. Scrimgeour, M. B., Davis, E. L., & **Buss, K. A.** (2014, September). *You get what you get and you don't throw a fit!: Maternal emotion socialization and child physiology jointly predict early prosocial development*. Paper symposium presented at the 54th annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia.

110. Brooker, R. J., **Buss, K. A.**, & Kiel, E. J. (July, 2014). *Social and nonsocial fear in late infancy is associated with childhood anxious behaviors: Moderation by infants' inhibitory control*. Poster presented at the biennial meeting of the International Conference on Infant Studies, Berlin, Germany.
109. Davis, E. L., & **Buss, K. A.** (July, 2014). *Non-supportive emotion parenting of shy toddlers predicts emotion regulation deficits in kindergarten*. Paper presented at the biennial meeting of the International Society for Infancy Studies, Berlin, Germany.
108. Davis, E. L., Parsafar, P., Quinones-Camacho, L., & **Buss, K. A.** (July, 2014). *Inhibitory control in toddlerhood predicts emotion regulation sophistication in kindergarten*. Poster presented at the biennial meeting of the International Society for Infancy Studies, Berlin, Germany.
107. Davis, E. L., & **Buss, K. A.** (May, 2014). *Individual differences in early experiences predict distinct patterns of physiology when regulating emotion in kindergarten*. Paper presented at the annual meeting of the Association for Psychological Science, San Francisco, CA
106. **Buss, K. A.** (2013, April). *The Infant's Presentation of Fear: Contexts, Cues, and Electrophysiological Substrates*. S.L. Hart (symposium chair). Discussant presentation at The Society for Research in Child Development Conference, Seattle, WA.
105. **Buss, K. A.** (2013, April). *Behavioral Inhibition Across Context: Social Versus Non-social and Familiar Versus Unfamiliar Contexts*. H. Gazelle (symposium chair). Discussant presentation at The Society for Research in Child Development Conference, Seattle, WA.
104. Brooker, R. & **Buss, K. A.** (2013, April). *Parenting Moderates the Link between Fearfulness and an Early ERP Marker of Anxiety Risk*. Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
103. Cho, S., **Buss, K.A.** , & Davis, E. (2013, April). *Preschool-Age Sleep Regulation: The Role of Fear Regulation, RSA, and Maternal Protectiveness*. Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
102. Cho, S. & **Buss, K. A.** (2013, April). *Do Mothers' Protective Beliefs Predict Their Parenting Practices With Fearful Toddlers?* Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
101. Davis, E. & **Buss, K.A.** (2013, April). *Emotion Regulation Strategies and Physiological Reactivity: Using Distraction and Reappraisal to Regulate Sadness and Fear*. Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
100. Davis, E., Cho, S., Philbrook, L., Scrimgeour, M.B., & **Buss, K. A.** (2013, April). *Cardiac Physiology in the Context of Parenting: Children's RSA and Maternal Emotionality*. Paper presented at The Society for Research in Child Development Conference, Seattle, WA.

99. Dollar, J. M., Stifter, C.A. & **Buss, K.A.** (2013, April). *The role of positive affect and activity level in predicting preschool behavior problems*. Paper presented at The Society for Research in Child Development Conference, Seattle, WA.
98. Kiel, E. J., **Buss, K. A.**, Cho, S., Davis E. J. (2013, April). *Dysregulated Fear and Risk for Anxiety Outcomes Across Early Childhood*. Paper presented at The Society for Research in Child Development Conference, Seattle, WA.
97. Morales, S., Beekman, C. & **Buss, K. A.** (2013, April). *Longitudinal Associations Between Temperament and Socio-Emotional Outcomes in Young Children: The Moderating Role of RSA Reactivity* Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
96. Morales, A., Brooker, R. J., Perez-Edgar, K., & **Buss, K. A.** (2013, April). *Differences in Attention in Fearful Children: a Comparison of Dysregulated and Normative Fear-Expression Profiles*. Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
95. Philbrook, L., Davis, E., & **Buss, K. A.** (2013, April). *Maternal Expressed Emotion and Child Temperament Predict RSA in Early Childhood*. Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
94. Ram, N., Coccia, M., Davis, E., Fortunato, C., Gatzke-Kopp, L., & **Buss, K. A.** (2013, April). *Going Nonlinear in Response to Challenging Situations: Modeling Children's Physiological Reactivity*. Paper presented at The Society for Research in Child Development Conference, Seattle, WA.
93. Scrimgeour, M.B., Davis, E., & **Buss, K.A.** (2013, April). *RSA as A Marker of Physiological Recovery from Affective Challenge: Relations with Emotion Socialization and Prosocial Behavior*. Poster presented at The Society for Research in Child Development Conference, Seattle, WA.
92. Armstrong, J., Davis, E. L., & **Buss, K. A.** (2012, June). *Emotion Regulation in Early Childhood: The Role of Intrinsic and Extrinsic Factors Predicting Separation Anxiety*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
91. Beekman, C., Neiderhiser J.M., **Buss, K. A.**, Ganiban, J. M., Leve, J. D., Shaw, D., & Reiss, D. (2012, June). *The Development of Early Profiles of Temperament: Characterization, Continuity, and Etiology*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
90. Brooker, R. J., & **Buss, K. A.** (2012, June). *The Emergence of Neural Components of Performance Monitoring During Childhood*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.

89. **Buss, K. A.** & Davis, E. L. (2012, June). *Dysregulated Fear in Toddlers: A Replication and Extension*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
88. Cho, S. & **Buss, K. A.** (2012, June). *Longitudinal Associations between Sleep and Symptoms of Worry/Separation Distress in Toddlers*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
87. Davis, E. L., & **Buss, K. A.** (2012, June). *Toddler Cortisol and RSA Reactivity Predict Age 3 Emotion Regulation*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
86. Hall, T. E., Davis, E. L., & **Buss, K. A.** (2012, June). *Increases in Anxiousness in Early Childhood Relate to Social Behavior during a Cooperation Task*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
85. Lickenbrock, D. M., Davis, E. L., Stifter, C., & **Buss, K. A.** (2012, June). *Cardiac Physiology as a Moderator of the Link between Surgency and Behavior Problems*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
84. Morales, S., Brooker, R. J., Davis, E. J., & **Buss, K. A.** (2012, June). *Longitudinal Associations Between Physiological Indices of Regulation*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
83. Philbrook, L., Cho, S., Davis, E. L., & **Buss, K. A.** (2012, June). *Sleep Quality and RSA Predict Internalizing and Externalizing in Toddlerhood*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
82. **Buss, K.A.** , Davis, E. L., & Kiel, E. J. (2011, June). *Dysregulated Fear: A Potential Target for Prevention of Anxiety*. Paper presented at International Society for Research in Child and Adolescent Psychopathology. Chicago, IL.
81. Ahuama-Jonas, C., Bandon, A. Y., **Buss, K. A.**, & Stifter, C. A. (2011, March) *Marital Relationship Quality and Children's Dysregulation as Predictors of Coparenting Behavior*. Poster presented at The Society for Research in Child Development meeting. Montreal, Canada.
80. Armstrong, J., Davis, L. E., **Buss, K. A.** (2011, March). *Contextual Effects of Controllability: Maladaptive Distress Reactivity, Emotion Regulation, and Internalizing in Early Childhood*. Poster presented at The Society for Research in Child Development meeting. Montreal, Canada.
79. Beekman, C., Davis, E. L., & **Buss, K. A.** (2011, March). *Latent Profiles of School Adjustment Across Kindergarten and Associations with Child Temperament*. Poster presented at The Society for Research in Child Development meeting. Montreal, Canada.

78. Brooker, R. J., & **Buss, K. A.** (2011, March). *Is there Evidence for Early-Developing Error-Related Negativities in Shy Children?* Poster presented at The Society for Research in Child Development meeting. Montreal, Canada.
77. Davis, E. L., & **Buss, K. A.** (2011, March). *Out-of-Context Fear and Distraction in Toddlerhood Predict Anxiety in Childhood.* Paper presented at The Society for Research in Child Development meeting. Montreal, Canada.
76. Dollar, J. M., Stifter, C. A., **Buss, K. A.**, & Blandon, A. Y. (2011, March). *Positive Affect as a Predictor of Children's Behavior Problems: The Role of Context and Intensity.* Poster presented at The Society for Research in Child Development meeting. Montreal, Canada.
75. Greene, D., Davis, E. L., & **Buss, K. A.** (2011, March). *Relations Between Respiratory Sinus Arrhythmia and Fearful Behavior in Toddlers.* Poster presented at The Society for Research in Child Development meeting. Montreal, Canada.
74. Kiel, E. J., & **Buss, K. A.** (2011, March). *Context-Specific Maternal Protective Behavior and Toddlers' Fearful Temperament Trajectories.* Paper presented at The Society for Research in Child Development meeting. Montreal, Canada.
73. Poggi Davis, E., Glynn, L., Goldberg, W. A., **Buss, K.A.**, & Sandman, C. A. (2011, March). *Does High Quality Maternal Care Ameliorate the Adverse Effects of Prenatal Stress?* Paper presented at The Society for Research in Child Development meeting. Montreal, Canada.
72. Stifter, C. A., **Buss, K. A.**, & Dollar, J. M. (2011, March). *Emotion Regulation in Surgent Children: The Role of Cardiac Physiology and Parent Behavior.* Paper presented at The Society for Research in Child Development meeting. Montreal, Canada.
71. Brooker, R. J., **Buss, K. A.**, Eddinger, R. L. (2010, September). *EEG Asymmetry, Attentional Control, and Risk for Anxiety in Early Childhood.* Poster presented at Society for Psychophysiological Research Conference. Portland, OR.
70. Davis, E. L., & **Buss, K. A.** (2010, September). *24 Month Olds Show Differential Patterns of RSA Suppression in Fear-Eliciting Social and Non-Social Contexts.* Poster presented at Society for Psychophysiological Research Conference. Portland, OR.
69. Armstrong, J., Brooker, R. J., Beekman, C. R., & **Buss, K. A.** (2010, March). *Boldly Going: Toddlers, Approaching Stimuli, and Risk for Internalizing at 24-months.* Poster presented at the International Conference on Infant Studies, Baltimore, MD.
68. Brooker, R. J. & **Buss, K. A.** (2010, March). *Contributions of Inhibitory Control to Trajectories of Fear between 24 and 60 Months.* Paper presented at the International Conference on Infant Studies, Baltimore, MD.

67. Brooker, R. J., **Buss, K. A.**, Stifter, C., & Bandon, A. (2010, March). *Individual Differences in Fear Influence Attention-based Performance*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
66. **Buss, K. A.**, Davis, E. L., & Beekman, C. R. (2010, March). *Comparison of Methods to Identify Fearful Toddlers at Risk for Social Withdrawal in Kindergarten*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
65. Cho, S. J. & **Buss, K. A.** (2010, March). *An Examination of Sleep and Internalizing Behavior Problems in Toddlers*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
64. Davis, E. L. **Buss, K. A.**, & Kiel, E. J. (2010, March). *Toddler Home Cortisol Predicts Adaptive and Maladaptive Approach Behaviors in Preschool and Kindergarten*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
63. Dollar, J., **Buss, K. A.**, Stifter, C., & Bandon, A. (2010, March). *The Socialization of Positive Emotions: The Role of Maternal Personality, Child Temperament, and Maternal Beliefs*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
62. Hutt, R. & **Buss, K. A.** (2010, March). *Maternal Vocalizations With Toddlers: Links to Behavioral and Physiological Stress*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
61. Kiel, E. J., & **Buss, K. A.** (2010, March). *Infants' Coping Resources, Fearful Temperament, and Cortisol Reactivity: Investigation of Bidirectional Relations*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
60. Kiel, E. J., & **Buss, K. A.** (2009, November). *Kindergartener's self reports of shyness: When do they related to socially anxious behaviors?* Poster presented at Association for Behavioral and Cognitive Therapy 43rd Annual Convention, Philadelphia, PA.
59. Luebke, A., Kiel, E. J., & **Buss, K. A.** (2009, November) *Investigation of Longitudinal Reciprocal Relations of Parental Emotion Socialization and Internalizing Behaviors in Young Children*. Poster presented at Association for Behavioral and Cognitive Therapy 43rd Annual Convention, Philadelphia, PA.
58. Brooker, R. J., Kiel, E. J., **Buss, K. A.** & Bailey, L. (2009, April). *The Roles of Attachment and Emotion Regulation in Socio-emotional Adjustment*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
57. Dollar, J. M. & **Buss, K. A.** (2009, April). *Positive Affect: A Risk or Resiliency Factor for Adaptive Outcomes in Childhood?* Poster presented at the Society for Research in Child Development Conference, Denver, CO.

56. Dribin, A. E., **Buss, K. A.**, Lemery-Chalfant, K., Davidson, R. J., & Goldsmith, H. H. (2009, April). *Behavioral Reactivity, Cardiovascular Reactivity, and Behavior Problem Symptoms in Middle Childhood*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
55. Gagne, J. R., **Buss, K. A.**, & Goldsmith (2009, April) *Associations among Emotional Reactivity, Parental Stress and Cortisol Reactivity in Infancy*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
54. Hartz, K. A., Dollar, J. M., Dribin, A. E., Brooker, R. J., Kiel, E. J., & **Buss, K. A.** (2009, April). *Relations Among Child Temperament, Group Play Behavior and Problem Behaviors: The Influence of Play Group Characteristics*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
53. Hutt, R. L., **Buss, K. A.**, Kiel, E. J. (2009, April). *Moms matter: The relation among maternal protective behavior, toddler sadness, and changes in cortisol to novel contexts*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
52. Kiel, E. J., **Buss, K. A.** & Robinson, E. J. (2009, April). *Maternal Accuracy and Protective Parenting in the Development from Early Fearful Temperament to Anxiety in Kindergarten*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
51. Kiel, E. J., **Buss, K. A.**, & Robinson, E. J. (2009, April). *Maternal Accuracy and Other Characteristics Moderate the Relation Between Toddler Fearful Temperament and Maternal Behavior*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.
50. Teti, L. O., **Buss, K. A.**, Moore, G., Pemberton, C. K., Tan, P. Z., Murray-Kolb, L. E., Cole, P. M., & Gilmore, R. O. (2009, April). *Locomotion Onset and the Infants Social World*. Paper presented at the Society for Research in Child Development Conference, Denver, CO.
49. Luebbe, A., Kiel, E. J., & **Buss, K. A.** (2008, November). *Relations of Parental Emotion Socialization, Emotional Expressions, and Internalizing Behaviors in Toddlers: Are there Gender-Specific Pathways?* Poster presented at Association for Behavioral and Cognitive Therapy 42nd Annual Convention.
48. **Buss, K. A.**, Dribin, A. E., Brooker, R. J., Interrante, J. & Dennis, T. A. (2008, October). *Using RSA and ERP to Measure Regulatory Processes in Fearful Toddlers and Young Children*. Paper presented at Society for Psychophysiological Research Meeting, Austin, TX.
47. **Buss, K. A.**, & Kiel, E. J. (2008, March). *Factor accounting for stability of shyness and boldness from 24-months to kindergarten*. Paper presented at the International Conference on Infant Studies, Vancouver, Canada.

46. Brooker, R.J., Kiel, E.J., & **Buss, K.A.** (2008, March). *The interplay of distress, emotion regulation strategies, and attachment security*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
45. Brooker, R.J., **Buss, K.A.**, Bailey, L., & Kiel, E.J. (2008, March). *Mothers' emotional talk influences infants' attention to fearful stimuli*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
44. Dewese, B. & **Buss, K. A.** (2008, March). *Does Similarity Between Mothers' and Fathers' Emotionality Relate To Toddlers' Observed Emotional Reactivity?* Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
43. Dribin, A. E., **Buss, K. A.**, Fortunato, C. K., & Granger, D. (2008, March). *Toddlers' Salivary α -Amylase and Emotions: Effects of Context, Gender, and Cortisol*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
42. Dribin, A. E., & **Buss, K. A.** (2008, March). *To Look or Not to Look? Proximity and Toddlers' Looking to Mothers in Negative and Positive Emotion Tasks*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
41. Fortunato, C. K., Dribin, A. E., Granger, D., & **Buss, K. A.** (2008, March). *Links between the psychobiology of stress and emotional behaviors in toddlers: A Multi-System measurement approach*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
40. Hughes, A., Kiel, E. J., & **Buss, K. A.** (2008, March). *Maternal Modeling of Anxious Cognitive Style and Child Distress Behavior to Threat*. Poster presented at the annual meeting of the Anxiety Disorders Association of America, Savanna, Georgia.
39. Kiel, E. J., & **Buss, K. A.** (2008, March). *Maternal Depressive and Anxious Feelings, Accuracy in Predicting Their Toddlers' Inhibited Behavior, and Parenting Practices*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
38. Robinson, E. R., Kiel, E. J., & **Buss, K. A.** (2008, March). *Toddler Inhibitory Control, Emotion, and Response to Novelty in the Risk for Externalizing Problems*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
37. Kiel, E. J., & **Buss, K.A.** (2007, November). *Attention Control in Toddlers and Anxiety Outcomes Across Early Childhood*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.196.
36. **Buss, K. A.** (2007, May). *Adjustment in Kindergarten for Toddlers with Dysregulated Fear Profiles*. Paper presented at the Association for Psychological Science Meeting, Washington, DC.

35. Williams, N., **Buss, K. A.**, Farmer, J. Day, L., & Hillman, L. (2007, April). *Neonatal Medical Complications as a Mediator of the Relation Between Birth Weight and Children's Adjustment Difficulties*. Paper presented at Great Lakes Regional Child Health Conference in Cincinnati, OH.
34. Brooker, R. J., & **Buss, K. A.** (2007, March). *Evidence for Links in Regulatory Abilities in Toddlers*. Poster presented at the Society for Research in Child Development Conference. Boston, MA.
33. Early, M., & **Buss, K. A.** (2007, March). *Toddlers' Positive and Negative Affect: Relations to Anxiety and Depression Symptoms*. Poster presented at the Society for Research in Child Development Conference. Boston, MA.
32. Kiel, E. J., & **Buss, K. A.** (2007, March). *Maternal Accuracy, Maternal Parenting Behaviors, and the Development of Children's Fearfulness and Anxiety*. Paper presented at the Society for Research in Child Development Conference. Boston, MA.
31. Kiel, E. J., Geary, C., & **Buss, K. A.** (2007, March). *Dynamics of Toddlers' Fear Expressions and Caregivers' Protective and Intrusive Behaviors*. Poster presented at the Society for Research in Child Development Conference. Boston, MA.
30. Kiel, E. J., & **Buss, K. A.** (2006, November). *Maternal accuracy and behavior in relation to children's anxiety*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
29. **Buss, K. A.** (2006, June). *The Regulation of Fear Behaviors across Contexts*. Paper presented at the International Conference on Infant Studies, Kyoto Japan.
28. Brooker, R., & **Buss, K. A.** (2006, June). *Gender Differences in Toddlers use of Emotion Regulation Strategies*. Poster presented at the International Conference on Infant Studies, Kyoto Japan.
27. Kiel, E. J., & **Buss, K. A.** (November, 2005). *Maternal awareness as a predictor of young children's anxiety*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Washington D.C.
26. **Buss, K. A.**, Kiel, E. J., Williams, N. A., & Leuty, M. (2005, April). *Using context to identify toddlers with dysregulated fear responses*. Poster presented at the Society for Research in Child Development Conference, Atlanta, GA.
25. Fagan, M., Messenger, N., & **Buss, K. A.** (2005, April). *Toddlers' expression of language and emotion: Interactions and individual differences*. Poster presented at the Society for Research in Child Development Conference, Atlanta, GA.

24. Kiel, E. J., & **Buss, K. A.** (2005, April). *Maternal awareness of toddlers' behaviors in fear contexts and toddler behavioral inhibition*. Poster presented at the Society for Research in Child Development Conference, Atlanta, GA.
23. Lemery, K. S., **Buss, K. A.**, Davidson, R. J., Kalin, N. H., & Goldsmith, H. H. (2005, April). *Temperament: Associations between behavioral and physiological systems in infants*. Paper presented at the Society for Research in Child Development Conference, Atlanta, GA.
22. Kiel, E. J., Williams, N. A., & **Buss, K. A.** (2004, November). *Identification of emotional risk factors for toddler social-emotional adjustment*. Poster presented at the annual meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA.
21. **Buss, K. A.** (2004, May) *Addressing individual differences in temperament and related behaviors using multiple physiological systems*. Paper presented at the International Conference on Infant Studies, Chicago, IL.
20. **Buss, K. A.** (2004, May). *Effects of context and scoring on the identification of fearful children*. Paper presented at the International Conference on Infant Studies, Chicago, IL.
19. Kiel, E. J., & **Buss, K. A.** (2004, May). *Maternal characteristics and children's behavioral inhibition*. Poster presented at the International Conference on Infant Studies, Chicago, IL.
18. Williams, N. A., **Buss, K. A.**, & Peterson-Homer, L. (2004, May). *Mothers' strategies for helping toddlers cope with stress*. Poster presented at the International Conference on Infant Studies, Chicago, IL.
17. Kiel, E. J., & **Buss, K. A.** (2003, November). *Parents' predictions of their toddlers' behavioral inhibition*. Association for the Advancement of Behavior Therapy, Boston, MA.
16. **Buss, K. A.** (2003, April). *Negative affect dimensions are not created equal: The special case of anger*. Paper presented at the Society for Research in Child Development Conference, Tampa, FL.
15. **Buss, K. A.** & Kiel, E. J. (2003, April). *Revisiting the function of sadness expression during bouts of distress*. Poster presented at the Society for Research in Child Development Conference, Tampa, FL.
14. **Buss, K. A.** & Potegal, M. (2003, April). *Cortisol associations with state-trait anger, sadness, and externalizing behaviors*. Symposium organized at the Society for Research in Child Development Conference, Tampa, FL.
13. Leuty, M. & **Buss, K. A.** (2003, April). *Gender differences in toddlers' emotion regulation behaviors*. Undergraduate poster presented at the Society for Research in Child Development Conference, Tampa, FL.

12. **Buss, K. A.** (2001, February). *Individual differences in emotional development: Behavioral and biological considerations*. Invited paper presented at the Second Annual Pediatric Therapy Network Conference: Sensory Integration, Behavior and Biology, Los Angeles, CA.
11. **Buss, K. A.** (2001, April). *Endocrine and Cardiac Correlates of Fear, Anger and Sadness*. Poster presented at the Society of Research in Child Development Conference, Minneapolis, MN.
10. Aksan, N., Baumann, C., Pfeifer, M., & **Buss, K. A.** (1997, April). *Development of self-other distinction and empathy: A longitudinal twin study*. Poster presented at the Society for Research in Child Development Conference, Washington D.C.
9. **Buss, K. A.**, Davidson, R. J., Goldsmith, H. H., Kalin, N. H., Smider, N., & Essex, M. (1999, April). *The physiology of social fear in infants and young children*. Paper presented at the Society for Research in Child Development Conference, Albuquerque NM.
8. **Buss, K. A.**, Caranfa, D., Roessler, J., & Aksan, N. (1997, April). *Parent personality and temperament in infancy and childhood: Parent-offspring and twin genetic analyses*. Poster presented at the Society for Research in Child Development Conference, Washington D.C.
7. **Buss, K. A.** (1995, March). *Regulation of affective expression in infants and toddlers*. Paper presented at The Society for Research in Child Development meeting, Indianapolis, Indiana.
6. **Buss, K. A.** (1995, March). *Emotion regulation in infants, toddlers, and young children*. Symposium organized at The Society for Research in Child Development meeting, Indianapolis, Indiana.
5. Lemery, K. S. & **Buss, K. A.** (1995, March). *Genetic models of toddler and preschooler temperament*. **Paper** presented at the Society for Research in Child Development meeting, Indianapolis, Indiana.
4. **Buss, K. A.**, Rosay, A., & Goldsmith, H. H. (1994, May). *Development of emotion regulation and expression in infancy*. Paper presented at the Midwestern Psychological Association meeting, Chicago, Illinois.
3. deHaan, M., **Buss, K. A.**, Wegesin, D. (1993, March). *Development of peer relations: Effects of prior experience, temperament, and stress reactivity on adjustment to preschool*. Poster presented at the Society for Research in Child Development meeting, New Orleans, Louisiana.
2. Hart, J., **Buss, K. A.**, Brodersen, L., Rouff, L., Roth, J., Castronova, N., & Lynch, C. (1993, March). *Neuroendocrine activity in a population of abused and neglected preschoolers*. Paper presented at the Society for Research in Child Development, New Orleans, Louisiana.

1. **Buss, K. A.** & Colton, M. (1992, March). *Relations between temperament and secure attachment relationships of 18-month-old infants*. Poster presented at the Sixth National Conference on Undergraduate Research, Minneapolis, Minnesota.

Professional Society Memberships

Society for Research in Child Development
International Congress on Infant Studies
American Psychological Association
 Division 7: Developmental Psychology
American Psychological Society
Society for Psychophysiological Research
Society for Research in Adolescence

Professional Activities

Editorial Board, *Infancy* (2024-2029)
Associate Editor *Developmental Psychology* (2016 to present)
Consulting Editor *Child Development* (2006-2008)
Editorial Boards for *Infancy* (2008-2013), *Journal of Clinical Child and Adolescent Psychology* (2012-present), *International Journal of Behavioral Development* (2014-present, *Frontiers of Developmental Psychology* (2015-present)

Ad Hoc Reviewer for *Journal of Affective Disorders*
Clinical Child and Family Psychology Review
Assessment
Frontiers in Developmental Psychology
Developmental Psychology
Development and Psychopathology
Developmental Psychobiology
Developmental Cognitive Neuroscience
Developmental Science
Journal of Child Clinical Psychology
Journal of Child Psychology and Psychiatry
Journal of Abnormal Child Psychology
Social Development
Abnormal Psychology
American Journal of Psychiatry
Emotion
Psychological Science
International Journal of Behavioral Development
Journal of Cognition and Development
Journal of Personality
Motivation and Emotion
Psychoneuroendocrinology
Brain, Behavior, and Immunity

Behavior Genetics
Infant, Behavior, and Development
Infant and Child Development

Consultant for ECHO Measurement Core, Early Child Anxiety Symptoms, 2018.

Standing Panel Member NIH CSR PDRP, October 2017 to June 2021

Ad Hoc Reviewer for NIH CSR MESH, October 2014

Ad Hoc Reviewer for NIH CSR PDRP, May 2012, Oct 2016, June 2017

Ad Hoc Reviewer for NIH CSR RPHB Special Emphasis Panel, May 2012

Consultation for Early Head Start University Partnership Grants: Buffering Children from Toxic Stress, Office of Planning, Research and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services, March 2012

Co-Chair, Emotion Preconference at the 2009 and 2011 Meetings of the Society for Research in Child Development

Conference Submission Reviewing for 2012 International Conference on Infant Studies

Panel Chair, Emotional Development Review Panel, for 2010 International Conference on Infant Studies

Conference Submission Reviewing for 2009 Meeting of the Society for Research in Child Development

Ad Hoc Reviewer for NIH CSR Member Conflicts Panel for BBBP-D05, March 2010

Ad Hoc Reviewer for NIH CSR Member Conflicts in CPDD Special Emphasis Panel, Feb 2008

NIH Toolbox Emotion Assessment Pediatric Consultant, NIH Neuroscience Blueprint project *The Toolbox of the Assessment of Neurological and Behavioral Function*

Richard Gershon (PI)

July 2007 – June 2012

Conference Submission Reviewing for 2008 International Conference on Infant Studies

Ad Hoc Reviewer for NIH CSR CDPP Study Section, Feb 2007

Conference Submission Reviewing for 2007 Meeting of the Society for Research in Child Development

Ad Hoc Reviewer for NIH CSR MESH Study Section, June 2005 and Feb 2006

Conference Submission Reviewing for 2005 Meeting of the Society for Research in Child Development

Ad Hoc Reviewer for NIH CSR SSSC-29 Study Section, March 2003

Conference Submission Reviewing for 2001 Meeting of the Society for Research in Child Development

June 1996 to 1999. APA Scientific Student Council, Member-at-Large.

Predoctoral Research Advising

Natalie Williams, PhD, Director of Health Psychology Clinical Research Center at Madonna Rehabilitation Hospital

Elizabeth Kiel, PhD, Professor at Miami University

Martha Early, PhD clinician in private practice

Rebecca Brooker, PhD Associate Professor, Texas A&M University

Charles Beekman, PhD, Director, Quantitative Analytics and Data Science at Gartner

Meghan Scrimgeour, PhD, Senior Research Analyst in the Data, Research, and Accountability Department with Wake County Public School System

Jessica Dollar, PhD Research Professor, University of North Carolina-Greensboro

Anne Frank-Webb, PhD, Dept. of Special Education, BEA School District

Rachel Hutt, PhD Private Clinical Practice

Sunghye Jen Cho, PhD Postdoc NYU

Santiago Morales, PhD, Assistant Professor, USC

Lauren Philbrook, PhD Assistant Professor, Colgate University

Elizabeth Shewark, Postdoc, Michigan State University

Xiaoxue Fu, Postdoc, University of South Carolina

Meghan McDoniel, PhD, Research Scientist, Child Trends

Frances Lobo, PhD Postdoc University of Texas at Austin

Anna Zhou PhD, Postdoc University of Utah

Liu Bai, PhD, Assistant Professor, Capital Normal University in Beijing

Yushuang Liu, PhD Postdoc, University of Connecticut

Austen Trainer, PhD (expected Fall 2023)

Madison Politte-Corn, MEd (current trainee)

Jianing Sun, MS (current trainee)

Daiqing Zhao, (current trainee)

Postdoctoral Research Advising

Alicia Hughes, PhD Psychology & Counseling Associates, P.C.

Elizabeth L. Davis, PhD Professor University of California-Riverside

Jin Qu, PhD Assistant Professor at Clarion University of Pennsylvania

Margaret Whedon, PhD, Adjunct Faculty, Rutgers University

Frances Lobo, PhD, Postdoc University of North Carolina-Greensboro

Michelle Ramos, PhD (current)