

## **Curriculum Vitae**

**Kristin A. Buss**

### Office Mailing Address

Department of Psychology  
The Pennsylvania State University  
140 Moore Building  
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**

2019 APS Fellow

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**

R01 MH122526-01A1

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

Consultant

9/1/2020-8/31/2005

NIH

R01 MH114974

*Biobehavioral Trajectories of Social Anxiety from Early to Middle Adolescence*

PI

8/15/2018-6/30/23

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

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

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

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 (in NCE)

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

### **Awarded/Completed**

K01 HD068170-01A1

*Parent-Child Biobehavioral Coregulation and Child Maltreatment Risk*

01/15/12-12/31/17

Co-Mentor

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*

March 1, 2012 – February 28, 2017

Co-I (PI of PSU subcontract)

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*

Jan 2012-Dec 2014

PI

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*

May 2012-April 2014

Co-I (Perez-Edgar, PI)

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

1. Vallorani, A., Fu, X., Morales, S., LoBue V., **Buss, K. A.**, & Pérez-Edgar, K. (in press). Variable- and person-centered approaches to affect-biased attention in infancy reveal unique relations with infant negative affect and maternal anxiety. *Scientific Reports*.
2. Kiel, E., Price, N., & **Buss, K.A.** (2020, Accepted). Maternal anxiety and toddler inhibited temperament predict maternal socialization of worry. *Social Development*. DOI: 10.1111/sode.12476

3. 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/infa.12339
4. Shewark, E., Brick, T.R., **Buss, K.A.** (2020). Capturing Temporal Dynamics of Fear Behaviors on a Moment to Moment Basis. *Infancy*. doi: 10.1111/infa.12328
5. **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
6. 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
7. 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
8. 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
9. 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.
10. 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
11. Fu, X., Nelson, E. E., Borge, M., **Buss, K. A.**, Pérez-Edgar, K. (2019, early online). 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
12. 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. (2019). 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*. doi.org/10.1027/0269-8803/a000243
13. **Buss, K. A.** Davis E. L., Ram, N, Coccia, M. (2018) Dysregulated fear, social inhibition, and RSA: A replication an extension. *Child Development*, 89 (3, e214-e228). doi. 10.1111/cdev.12774



14. McDoniel, M., & **Buss, K. A.** (2018). Maternal responsiveness protects exuberant toddlers from developing behavior problems in kindergarten. *Early Education and Development*, 29, 716-729. doi: 10.1080/10409289.2018.1442096.
15. 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
16. 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
17. Myruski, S., Gulyayeva, O., Birk, S., Pérez-Edgar, K., **Buss, K. A.**, & Dennis-Tiway, 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
18. 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
19. 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>
20. 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
21. 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>
22. 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>
23. 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
24. Lunkenheimer, E., Tiberio, S. S., **Buss, K. A.**, Lucas-Thompson, R. G., Boker, S. M., & Timpe, Z. C. (2016). Co-regulation of respiratory sinus arrhythmia between parents and preschoolers: Differences by children's externalizing problems. *Developmental Psychobiology*, 57, 994-1003. DOI: 10.1002/dev.21323

25. Kiel, E. J., Premo, J. E., & **Buss, K. A.** (2016). Gender moderates the progression from fearful temperament to social withdrawal through protective parenting. *Social Development, 25*, 235-255. DOI: 10.1111/sode.12145
26. Morales, S., Perez-Edgar, K., & **Buss, K. A.** (2016). Longitudinal relations among exuberance, externalizing, and attention bias to reward: The mediating role of effortful control. *Developmental Science, 19*, 853-862. DOI: 10.1111/desc.12320
27. Brooker, R. J., Kiel, E. J., & **Buss, K. A.** (2016) Early social fear predicts kindergarteners' socially anxious behaviors: Direct associations, moderation by inhibitory control, and differences from nonsocial fear. *Emotion, 16*, 997-1010. DOI: 10.1037/emo0000135
28. **Buss, K. A.**, & McDoniel, M. (2016). Improving the prediction of risk for anxiety development in temperamentally fearful children. *Current Directions in Psychological Science 25*, 14-20. DOI: 10.1177/0963721415611601
29. Kiel, E. J., Premo, J. E., & **Buss, K. A.** (2016). Maternal encouragement to approach novelty: A curvilinear relation to change in anxiety for inhibited toddlers. *Journal of Abnormal Child Psychology, 44*, 433-444. 10.1007/s10802-015-0038-3
30. Davis, E. L., Quiñones-Camacho, L. E., & **Buss, K. A.** (2016). The effects of distraction and reappraisal on children's parasympathetic regulation of sadness and fear. *Journal of Experimental Child Psychology, 142*, 344-358. doi: <http://dx.doi.org/10.1016/j.jecp.2015.09.020>
31. Phelps, R. A., Brooker, R. J., & **Buss, K. A.** (2016). Toddlers' dysregulated fear predicts delta-beta coupling during preschool. *Developmental Cognitive Neuroscience, 17*, 28-34. doi: <http://dx.doi.org/10.1016/j.dcn.2015.09.007>
32. Scrimgeour, M. B., Davis, E. L., & **Buss, K. A.** (2016). You get what you get and you don't throw a fit!: Emotion socialization and child physiology jointly predict early prosocial development. *Developmental Psychology, 52*(1), 102-116. doi: 10.1037/dev0000071
33. Beekman, C., Niederhiser, J. M., **Buss, K. A.**, Loken, E., Moore, G. A., Leve, L. D., Ganniban, J. M., Shaw, D. S., Reiss, D. (2015). The development of early profiles of temperament: Characterization, continuity, and etiology. *Child Development, 86*(6), 1794-811. DOI: 10.1111/cdev.12417
34. Morales, S., Perez-Edgar, K. & **Buss, K. A.** (2015). Attention biases towards and away from threat mark the relation between early dysregulated fear and the later emergence of social withdrawal. *Journal of Abnormal Child Psychology, 43*, 1067-1078. doi: 10.1007/s10802-014-9963-9
35. Morales, S., Beekman, C., Blandon, A. Y., Stifter, C., & **Buss, K. A.** (2015). Longitudinal associations between temperament and socioemotional outcomes in young children: The moderating role of RSA and gender. *Developmental Psychobiology, 57*, 105-119. DOI 10.1002/dev.21267

36. Brooker, R. J., **Buss, K.A.**, Lemery, K., Aksan, N., Davidson, R.J., & Goldsmith, H.H. (2014). Profiles of observed infant anger predict preschool behavior problems: Moderation by life stress. *Developmental Psychology*, 50(10):2343-52. doi: 10.1037/a0037693.
37. Kiel, E. J., **Buss, K. A.**, & Molitor, J. G. (2014). Kindergarteners' self-reported social inhibition and observed social reticence: Moderation by adult-reported social inhibition and social anxiety disorder symptoms. *Journal of Abnormal Child Psychology*, 1-12 doi: 10.1007/s10802-014-9925-2
38. Kiel, E. J., & **Buss, K. A.** (2014). Dysregulated fear in toddlerhood predicts kindergarten social withdrawal through protective parenting. *Infant and Child Development*, 23, 304-313. doi: DOI: 10.1002/icd.1855
39. Blandon, A.Y., Scrimgeour, M.B., Stifter, C.A., & **Buss, K. A.** (2014). Within- and between-family differences in cooperative and competitive coparenting. *Journal of Family Psychology*, 28, 106-111. doi: 10.1037/a0035266
40. Brooker, R. J. & **Buss, K. A.** (2014). Harsh parenting and fearfulness in toddlerhood interact to predict amplitudes of preschool error-related negativity. *Developmental Cognitive Neuroscience*, 9, 148-159. doi dx.doi.org/10.1016/j.dcn.2014.03.001
41. Dollar, J. & **Buss, K.A.** (2014). Approach and positive affect in toddlerhood predict early childhood behavior problems. *Social Development*, 23, 267-287. DOI: 10.1111/sode.12062
42. **Buss, K. A.**, Kiel, E. J., Morales, S. & Robinson, E. (2014). Toddler inhibitory control, bold response to novelty, and positive affect predict externalizing symptoms in kindergarten. *Social Development*, 23, 232-249. DOI: 10.1111/sode.12058
43. Brooker, R. J. & **Buss, K. A.** (2014). Toddler fearfulness is linked to individual differences in error-related negativity during preschool. *Developmental Neuropsychology*, 39, 1-8. doi: 10.1080/87565641.2013.826661
44. Beltz, A., Beekman, C., Molenaar, P., & **Buss, K. A.** (2013). Mapping temporal dynamics in social interactions with unified structural equation modeling: A description and demonstration revealing time-dependent sex differences in play behavior. *Applied Developmental Science*, 17(3), 152-168. DOI:10.1080/10888691.2013.805953
45. Scrimgeour, M., Blandon, A., Stifter, C., & **Buss, K. A.** (2013). Cooperative coparenting moderates the association between parenting practices and children's prosocial behavior. *Journal of Family Psychology*, 27, 506-511. doi: 10.1037/a0032893
46. Brooker, R. J., **Buss, K. A.**, Lemery-Chalfant, K. Aksan, N. Davidson, R. Goldsmith, H. H. (2013). The development of stranger fear in infancy and toddlerhood: Normative development, individual differences, antecedents, and outcomes. *Developmental Science*. DOI: 10.1111/desc.12058

47. Kiel, E. J., & **Buss, K. A.** (2013). Toddler inhibited temperament maternal cortisol reactivity and embarrassment and intrusive parenting. *Journal of Family Psychology, 27*, 512-517. doi: 10.1037/a0032892
48. **Buss, K. A.**, Davis, E. L., Kiel, E. J., Brooker, R. J., Beekman, C., & Early, Martha C. (2013). Dysregulated Fear Predicts Social Wariness and Social Anxiety Symptoms during Kindergarten. *Journal of Child Clinical and Adolescent Psychology, 1-14*. doi: 10.1080/15374416.2013.769170
49. Hutt, R., Kiel, E. J., & **Buss, K. A.** (2013). Caregiver protective behavior, toddler fear and sadness, and toddler cortisol reactivity in novel contexts. *Infancy, 18*(5), 708-728. doi: 10.1111/j.1532-7078.2012.00141.x
50. Shiner, R. L., **Buss, K. A.**, McClowry, S., Putnam, S., Saudino, K., Zentner, M. (2012). What is Temperament Now? Assessing Progress in Temperament Research on the Twenty-Fifth Anniversary of Goldsmith et al. (1987). *Child Development Perspectives, 6*, 436-444.
51. Davis, E. L. & **Buss, K. A.** (2012). Moderators of the Relation between Shyness and Behavior with Peers: Cortisol Dysregulation and Maternal Emotion Socialization. *Social Development, 21*, 801-820. doi: 10.1111/j.1467-9507.2011.00654.x
52. Kiel, E. J., & **Buss, K. A.** (2012). Associations among context-specific maternal protective behaviors, toddler fearful temperament and maternal accuracy and goals. *Social Development, 21*, 742-760.
53. Pemberton, C. K., Bass, A. J., Moore, G. A., Murray-Kolb, L., Tan, P. Z., Gilmore, R. O., **Buss, K. A.**, Cole, P. M., Teti, L. O. (2012). Let Me Go: The Influences of Crawling Experience and Temperament on the Development of Anger Expression. *Infancy, 17*, 558-577.
54. Kiel, E. J., & **Buss, K. A.** (2011). Prospective relations among fearful temperament, protective parenting, and social withdrawal: The role of maternal accuracy in a moderated mediation framework. *Journal of Abnormal Child Psychology, 39*, 953-966. DOI: 10.1007/s10802-011-9516-4
55. **Buss, K. A.**, Davis, E. L., & Kiel, E. J. (2011). Allostatic and environmental load in toddlers predicts anxiety in preschool and kindergarten. *Development and Psychopathology, 23*, 1069-1087. DOI: 10.1017/S0954579411000502
56. Luebbe, A. M., Kiel, E. J., & **Buss, K. A.** (2011). Toddlers' context-varying emotions, maternal responses to emotions, and internalizing behaviors. *Emotion, 11*, 697-703. doi:10.1037/a0022994
57. **Buss, K. A.** & Kiel, E. J. (2011). Do maternal protective behaviors alleviate toddlers' fearful distress? *International Journal of Behavioral Development, 35*, 136-143. DOI: 10.1177/0165025410375922
58. **Buss, K. A.** (2011). Which fearful toddlers should we worry about? Context, fear regulation and anxiety risk. *Developmental Psychology, 47*(3), 804-819. DOI: 10.1037/a0023227

59. **Buss, K. A.**, Dennis, T. A., Brooker, R. J., & Sippel, L. M. (2011). An ERP study of conflict monitoring in 4 to 8 year old children: Associations with temperament. *Developmental Cognitive Neuroscience, 1*, 131-140. DOI: 10.1016/j.dcn.2010.12.003
60. Brooker, R. J., **Buss, K. A.**, & Dennis, T. A. (2011). Error-Monitoring brain activity is associated with affective behaviors in young children. *Developmental Cognitive Neuroscience, 1*, 141-152.
61. Kiel, E. J., & **Buss, K. A.** (2011). Toddlers' duration of attention towards putative threat. *Infancy, 16*, 198-210. DOI: 10.1111/j.1532-7078.2010.00036.x
62. Kiel, E. J., & **Buss, K. A.** (2010). Maternal expectations for toddlers' reactions to novelty: Relations of maternal internalizing symptoms and parenting dimensions to expectations and accuracy of expectations. *Parenting: Science and Practice, 10*, 202-218. DOI: 10.1080/15295190903290816
63. Brooker, R. J. & **Buss, K.A.** (2010). Dynamic measures of RSA predict distress and regulation in toddlers. *Developmental Psychobiology, 52*, 372-382 DOI: 10.1002/dev.20432
64. Kiel, E. J., & **Buss, K. A.** (2010). Maternal accuracy and behavior in anticipating children's responses to novelty: Relations to fearful temperament and implications for anxiety development. *Social Development, 19*, 304-325. DOI: 10.1111/j.1467-9507.2009.00538
65. **Buss, K. A.**, Brooker, R. J., & Leuty, M. (2008). Girls most of the time, boys some of the time: Gender differences in toddlers' use of maternal proximity and comfort seeking. *Infancy, 13*, 1-29.
66. Fortunato, C. K., Dribin, A. E., Granger, D. A., & **Buss, K. A.** [corresponding author] (2008). Salivary alpha-amylase and cortisol in toddlers: Differential relations to affective behaviors. *Developmental Psychobiology, 50*, 807-818.
67. Kiel, E. J., & **Buss, K. A.** (2006). Maternal accuracy in predicting toddlers' behaviors and associations with toddlers' fearful temperament. *Child Development, 77*, 355-370.
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### Books, Edited Volumes

1. LoBue, V., Perez-Edgar, K., & **Buss, K. A.** (2019). *Handbook of Emotional Development*. Springer.
2. Dennis, T. A., **Buss, K. A.**, & Hastings, P. D. (2012). Physiological measures of emotion from a developmental perspective: State of the science. *Monographs for the Society for Research in Child Development, 77*(2).

### Chapters & Commentaries

1. Kiel, E. J., & **Buss, K. A.** (in press). Fear, wariness, and behavioral inhibition. In B. Benson (Ed.), *Encyclopedia of Infant and Early Child Development* (forthcoming). Elsevier.
2. **Buss, K. A.**, Cole, P. M., & Zhou, A. (2019). Theories of emotional development: Where have we been and where are we now? In LoBue, V., Perez-Edgar, K., & **Buss, K. A.** (2019). *Handbook of Emotional Development*. Springer.
3. **Buss, K. A.**, & Qu, J. (2018). *Psychobiological Processes in the Development of Behavioral Inhibition*. In K. Pérez-Edgar & N. A. Fox (Eds.), *Behavioral Inhibition: Integrating Theory, Research, and Clinical Perspectives* (pp. 91-111). Cham, Switzerland: Springer.
4. **Buss, K. A.**, Pérez-Edgar, K. P., Vallorani, A., Anaya, B. (2018). Emotional reactivity and regulation: A developmental model of links between temperament and personality. In D. P.

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5. **Buss, K. A.**, Morales, S., Cho, S., & Philbrook, L. (2016). Infant temperament and socioemotional development: A biopsychosocial framework. In S. Calkins (Ed.), *Handbook of Infant Biopsychosocial Development*. New York: Guilford Press.
  6. **Buss, K. A.** & Kiel, K. A. (2013). Temperamental Risk Factors for Pediatric Anxiety Disorders. In R. Vasa & A. K. Roy (Eds.), *Pediatric Anxiety Disorders: A Clinical Guide*. (pp. 47-68) Springer New York.
  7. **Buss, K. A.** (2010). Fitting temperament into an interdisciplinary view of individual differences. [Review of the book *The Temperamental Thread: How Genes, Culture, Time, and Luck Make Us Who We Are*, by J. Kagan]. *PsycCRITIQUES* 55(41).
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  10. Goldsmith, H. H., Lemery, K. S., Aksan, N., & **Buss, K. A.** (2000). Temperamental substrates of personality development. In V. Molfese & D. Molfese (Eds.), *Temperament and personality development across the life span*. (pp. 1-32) Mahwah, NJ: Erlbaum.

### Published Abstracts and Conference Proceedings

1. **Buss, K. A.** (2012). Understanding Psychophysiology in Developmental Context: Implications for Development of Internalizing and Externalizing Symptoms. *Psychophysiology*, 49: S16. doi: 10.1111/j.1469-8986.2012.01431.x
2. Davis, E. L. & **Buss, K. A.** (2012). RSA Stability, Emotion Regulation, and Anxiety in Early Childhood. *Psychophysiology*, 49: S24-121 doi: 10.1111/j.1469-8986.2012.01431.x
3. Morales, S., Beekman, C., Davis, E. L., & **Buss, K. A.** (2012). Comparison Among Different Models for Evaluating RSA Reactivity in Children. *Psychophysiology*, 49: S24-121 doi: 10.1111/j.1469-8986.2012.01431.x
4. Scrimgeour, M., Davis, E. L., Blandon, A., Stifter, C. & **Buss, K. A.** (2012). Independent Contributions of Emotion Regulation to Prosocial Development in Early Childhood: General Skill and RSA Suppression. *Psychophysiology*, 49: S24-121 doi: 10.1111/j.1469-8986.2012.01431.x

5. Brooker, R. J., **Buss, K. A.** & Parry, L. (2011). The Emergence of Neural Components of Performance Monitoring During Childhood. *Psychophysiology*, 48, (Suppl. 1), S119
6. **Buss, K. A.**, Brooker, R. J., & Eddinger, R. (2011). EEG Asymmetry, Attentional Control, and Self Regulation in Early Childhood. *Psychophysiology*, 48, (Suppl. 1), S118
7. **Buss, K. A.**, & Davis, E. L. (2011). RSA and Dysregulated Fear: Effects of Context. *Psychophysiology*, 48, (Suppl. 1), S102
8. Davis, E. L., & **Buss, K. A.** (2011). RSA Suppression in Toddlerhood Predicts Effective Use of Cognitive Emotion Regulation Strategies in Childhood. *Psychophysiology*, 48, (Suppl. 1), S53
9. Scrimgeour, M., Davis, E. L., & **Buss, K. A.** (2011). The Interplay of RSA Suppression and Emotion Socialization in Toddlers' Prosocial Development. *Psychophysiology*, 48, (Suppl. 1), S64
10. Brooker, R. J., **Buss, K. A.**, Eddinger, R. L. (2010). EEG Asymmetry, Attentional Control, and Risk for Anxiety in Early Childhood. *Psychophysiology*, 47, (Suppl. 1), S30.
11. Davis, E. L., & **Buss, K. A.** (2010). 24 Month Olds Show Differential Patterns of RSA Suppression in Fear-Eliciting Social and Non-Social Contexts. *Psychophysiology*, 47, (Suppl. 1), S36.
12. **Buss, K. A.**, Dribin, A. E., Brooker, R. J., Interrante, J. & Dennis, T. A. (2008). *Using RSA and ERP to Measure Regulatory Processes in Fearful Toddlers and Young Children.* *Psychophysiology*, 45, (Suppl. 1), S16.
13. Brooker, R. J., Deweese, B. N., Hartz, K. A., & **Buss, K.A.** (2008). Dynamic measures of RSA, emotional distress and regulation in toddlers. *Psychophysiology*, 45, (Suppl. 1), S21.
14. Dribin, A.E., Hutt, R.L., Interrante, J. R., & **Buss, K. A.** (2008). The not so ITSY spider: Toddlers' cardiovascular activity and fear behaviors in response to a spider approach. *Psychophysiology*, 45, (Suppl. 1), S44.
15. **Buss, K. A.** (2002). Cardiac and cortisol reactivity of temperamentally exuberant children. *Psychophysiology*, 39, (Suppl. 1), S24.
16. Skolnick, A. J., **Buss, K. A.**, & Zugin, Z. (2002). Emotion-modulated startle in young adolescents in response to reward and threat. *Psychophysiology*, 39, (Suppl. 1), S77.
17. **Buss, K. A.**, Davidson, R. J., & Goldsmith, H. H. (2001). Effects of context on HR, RSA, PEP and negative affect in toddlers. *Psychophysiology*, 38, (Suppl. 1), S31.
18. **Buss, K. A.**, Malmstadt, J., Dolski, I., Caranfa, D., Davidson, R. J., & Goldsmith, H. H. (1998). Vagal tone in infancy: Heritability, behavioral correlates and EEG. *Psychophysiology*, 35 (Suppl. 1), S23.



19. Smider, N. A., Essex, M. J., Kalin, N. A., **Buss, K. A.**, Davidson, R. J., Goldsmith, H. H., & Klein, M. K. (1998). Individual differences in baseline cortisol and adjustment to kindergarten: A prospective study. *Psychophysiology*, *35* (Suppl. 1), S75.
20. **Buss, K. A.**, Dolski, I., Malmstadt, J., Davidson, R. J., Goldsmith, H. H., & Kalin, N. A. (1997). EEG asymmetry, salivary cortisol, and affect expression: An infant twin study. *Psychophysiology*, *34* (Suppl. 1), S25.
21. Aksan, N., Bihun, J., **Buss, K. A.**, Lemery, K., & Goldsmith, H. H. (1996). Behavior genetic differences in the onset of crawling/walking and separation/stranger anxiety. *Infant Behavior and Development Abstracts*, *19*, 295.
22. **Buss, K. A.** (1996). The development of anger and fear regulation in infancy. *Infant Behavior and Development Abstracts*, *19*, 228.
23. **Buss, K. A.**, Bihun, J., Lemery, K. S., & Goldsmith, H. H. (1995). Genetic and environmental contributions to emotional reactivity in infants, toddlers, and preschoolers. *Behavior Genetics*, *25*, 258.
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25. **Buss, K. A.**, Nachmias, M., & Brodersen, L. (1994). Stress reactivity and attachment security. *Infant Behavior and Development Abstracts*, *17*, 547.
26. Goldsmith, H. H., **Buss, K. A.**, & Lemery, K. A. (1994). Biometric structure of infant, toddler, and preschooler temperament. *Behavior Genetics*, *24*, 514.
27. Lemery, K. S., **Buss, K. A.**, & Aksan, N. (1994). Genetic analysis of early temperament. *Infant Behavior and Development Abstracts*, *17*, 777.
28. Colton, M., **Buss, K. A.**, Mangelsdorf, S., Brooks, C., Sorensen, D., Stansbury, K., Harris, M., & Gunnar, M. (1992). Relations between toddler coping strategies, temperament, attachment, and adrenocortical stress responses. *Infant Behavior and Development Abstracts*, *15*, 358.

### Unpublished Manuscripts/Technical Reports

1. **Buss, K.A.** (2000). *The physiology of emotional reactivity in toddlers: Endocrine and cardiac considerations*. Unpublished doctoral dissertation, University of Wisconsin-Madison.
2. **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**

1. *Neural noise at 8-months predicts infant internalizing and externalizing behavior.* American College of Neuropsychopharmacology 59<sup>th</sup> Annual Meeting Panel Discussion. Virtual. December 2020.
2. *Development of Social Anxiety Symptoms for Fearful Children: A Biopsychosocial Approach.* Midwestern Psychology Association Invited Speaker. Chicago, IL. April, 2017
3. *Development of Social Anxiety Symptoms for Fearful Children: A Biopsychosocial Approach.* Invited Colloquium Talk. Boston University, February 2017
4. *Using Biobehavioral Profiles to Reduce Heterogeneity, Improve Specificity and Prediction of Risk.* Society for Psychophysiological Research. Invited Symposium. October 2016
5. *Biopsychosocial Processes in the Development of Social Anxiety.* Hunter College, CUNY Colloquium, November, 2013
6. *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
8. *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.
9. *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.
10. *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.
11. *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.
12. *Regulation of fear behavior across context: Not all fear is created equal.*

Invited paper presented at 21<sup>st</sup> Annual Winter Conference of Current Issues in Developmental Psychobiology, Cabo San Lucas, Mexico on January 4, 2006

13. *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

1. **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.
2. **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.
3. **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.
4. **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.
5. 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.
6. 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.
7. 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.
8. **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.
9. **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.
10. **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

1. Thomas, C., Pérez-Edgar, K., **Buss, K.A.**, Kershner, A., Ricks, V., & Hill, T. (2021, April 7-9). *Covid-19 Disparities in Black and Underserved Youth*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
2. Trainer, A., & **Buss, K.A.** (2021, April 7-9). *Temperamental Differences in Emotion Regulation: The role of Maternal Accuracy*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
3. Tucker, N., Trainer, A., Davis, E., & **Buss, K.A.** (2021, April 7-9). *The Effects of Parent Socialization and Strategy Instruction on Emotion Regulation in Early Childhood*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
4. Smith, C., Anaya, B., **Buss, K.A.**, Lobue, V., & Pérez-Edgar, K. (2021, April 7-9). *Trajectories of Maternal Anxiety as a Function of Infant Negative Reactivity and Perceived Daily Stress*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
5. Reider, L., Burris, J., Bierstedt, L., Revilla, K., Pinzon, C., Pérez-Edgar, K., **Buss, K.A.**, & Lobue, V. (2021, April 7-9). *A longitudinal investigation of infant attention across diverse context*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
6. McDoniel, M., Zhou, A., & **Buss, K.A.** (2021, April 7-9). *Associations between Internalizing and Externalizing Trajectories across Early Childhood*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
7. Ma, Y., Youatt, E., Zhou, A., Lobue, V., **Buss, K.A.**, & Pérez-Edgar, K. (2021, April 7-9). *Relations between 9-month-old Surgency, Parent Daily Hassles, and 12-month-old Baseline RSA*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
8. Lobo, F., Zhou, A., **Buss, K.A.**, & Dollar, J. (2021, April 7-9). *Taking a Person-Centered Approach to Examine Preschoolers' Expressive Control*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
9. Burke, M.M., **Buss, K.A.**, & McDoniel, M. (2021, April 7-9). *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.
10. Bierstedt, L., Burris, J., **Buss, K.A.**, Pérez-Edgar, K., & Lobue, V. (2021, April 7-9). *Attention Tasks at 8 Months Predict Social Fear at 12 Months*. Poster presented at the 2021 SRCD Virtual Biennial Meeting.
11. **Buss, K.A.**, Zhou, A., & Trainer, A. (2021, April 7-9). *From Toddler Fearful Temperament and Maternal Overprotection to Maternal and Child Anxiety Across Early Childhood*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.

12. Shewark, E., Brick, T., & **Buss, K.A.** (2021, April 7-9). *The Continuous Dimensions of Fear Reactivity and Regulation*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
13. MacNeill, L., Gunther, K., **Buss, K.A.**, Lobue, V., & Pérez-Edgar, K., (2021, April 7-9). *Profiles of Parenting Risk Predict Infant Temperament and Attention to Threat: An Eye-Tracking Study*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
14. Youatt, E., Zhou, A., Lobue, V.; **Buss, K.A.**, & Pérez-Edgar, K. (2021, April 7-9). *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.
15. **Buss, K.A.**, 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 7-9). *Covid-19 Pandemic Effects on Anxiety Development in Adolescents*. Paper presented at the 2021 SRCD Virtual Biennial Meeting.
16. 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.
17. 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
18. 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.
19. 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.
20. 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.
21. 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.
22. 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)

23. 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)
24. 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)
25. 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)
26. 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)
27. 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)
28. 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.
29. 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.
30. 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.
31. 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.

32. 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.
33. 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.
34. 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.
35. **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.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
  43. 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.
  44. 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.
  45. 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.
  46. 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.
  47. 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.
  48. 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.
  49. 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.
  50. 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.
  51. 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.



52. 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.
53. 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.
54. 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 9<sup>th</sup> World Congress of Behavioural and Cognitive Therapies, Berlin, Germany.
55. 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.
56. 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.
57. 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.
58. 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.
59. 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.
60. 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.
61. 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.

62. 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.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. 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.
69. 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.
70. 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.

71. 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.
72. 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.
73. 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.
74. 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.
75. 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.
76. **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.
77. Boriello, G., Liben, L., & **Buss, K. A.** (2016, June). *Does Parent or Child Gender Impact Dyads' Spatial Behavior During Play?* Jean Piaget Society Meeting.
78. 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.
79. 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
80. 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.

81. 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.
82. 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.
83. 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.
84. 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.
85. McDoniel, M. & **Buss, K.** (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.
86. McDoniel, M., **Buss, K.**, 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.
87. 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.
88. 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.
89. 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.
90. 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.
91. **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.

92. 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.
93. 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.
94. **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.
95. **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.
96. 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.
97. 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.
98. 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.
99. 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.
100. 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.
101. 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.

102. 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.
103. **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.
104. 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.
105. 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 54<sup>th</sup> annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia.
106. 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.
107. 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.
109. 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
110. **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.
111. **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.

112. 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.
113. 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.
114. 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.
115. 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.
116. 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.
117. 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.
118. 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.
119. 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.
120. 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.
121. 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.
122. 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.

123. 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.
124. 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.
125. 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.
126. 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.
127. **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.
128. Cho, S. & **Buss, K. A.** (2012, June). *Longitudinal Associations between Sleep and Symptoms of*
129. *Worry/Separation Distress in Toddlers*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
130. 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.
131. 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.
132. 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.
133. 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.
134. 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.



135. **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.
136. Ahuama-Jonas, C., Blandon, 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.
137. 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.
138. 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.
139. 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.
140. 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.
141. 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.
142. 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.
143. 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.
144. 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.
145. 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.

146. 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.
147. 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.
148. 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.
149. 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.
150. 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.
151. **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.
152. 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.
153. 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.
154. 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.
155. 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.
156. 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.

157. 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 Poster presented at Association for Behavioral and Cognitive Therapy 43rd Annual Convention, Philadelphia, PA.
158. Luebbe, 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 Poster presented at Association for Behavioral and Cognitive Therapy 43rd Annual Convention, Philadelphia, PA.
159. 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.
160. 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.
161. 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.
162. 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.
163. 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.
164. 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.
165. 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.
166. 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.
167. 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.
168. Luebke, 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.
169. **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.
170. **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.
171. 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.
172. 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.
173. Deweese, 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.
174. Dribin, A. E., **Buss, K. A.**, Fortunato, C. K., & Granger, D. (2008, March). *Toddlers' Salivary  $\alpha$ -Amylase and Emotions: Effects of Context, Gender, and Cortisol*. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.
175. 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.
176. 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.
177. 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.

178. 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.
179. 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.
180. 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.
181. **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.
182. 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.
183. 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.
184. 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.
185. 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.
186. 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.
187. 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.
188. **Buss, K. A.** (2006, June). *The Regulation of Fear Behaviors across Contexts*. Paper presented at the International Conference on Infant Studies, Kyoto Japan.
189. 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.

190. 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.
191. **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.
192. 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.
193. 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.
194. 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.
195. 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.
196. **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.
197. **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.
198. 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.
199. 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.
200. Kiel, E. J., & **Buss, K. A.** (2003, November). *Parents' predictions of their toddlers' behavioral inhibition*. Association for the Advancement of Behavior Therapy, Boston, MA.
201. **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.

202. **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.
203. **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.
204. 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.
205. **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.
206. **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.
207. 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.
208. **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.
209. **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.
210. **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.
211. **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.
212. 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.
213. **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.

214. 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.
215. 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.
216. **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

### **Professional Activities**

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 *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 present

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.

## **Teaching and Research Advising**

### **1. Undergraduate**

The Pennsylvania State University: Social and Personality Development, Emotion Development Senior Seminar, Honors Developmental Psychology, Honors Research Projects (9), Summer Research Opportunity Program (1), McNair Scholars Program (3)

Undergraduate student mentoring

Centia Thomas

Margaret Burke

Mark Leone

Julianna Strati

Katherine Smith

Kennedy Walsh

Lauren Zangara

Sundal Ghorl

Yuzhen Wu

Matt Krupa

Nia VanBrackle

Rodrigo Casares

Grace Kelly

Raegen Atha

Kelsey Snyder

Ditong Li

Annika Horn Kershner

University of Missouri: Theories of Personality, Child Psychology, Honors and Independent Research Projects (8 total from 2002-2007)

University of Wisconsin: Instructor for Psychology of Personality

### **2. Graduate**

The Pennsylvania State University

Fundamentals of Social Development  
Developmental Psychology Proseminar  
Graduate student mentoring

Charles Beekman, PhD, Research Analyst Kennedy Center  
Meghan Scrimgeour, PhD, Research Associate, 3C Institute  
Rebecca Brooker, PhD Associate Professor, Texas A&M University  
Jessica Dollar, PhD Research Professor, University of North Carolina-Greensboro  
Rachel Hutt, PhD Private Clinical Practice  
Sunghye Jen Cho, Postdoc NYU  
Santiago Morales, Postdoc University of Maryland  
Lauren Philbrook, PhD Assistant Professor, Colgate University  
Elizabeth Shewark, Postdoc, Michigan State University  
Xiaoxue Fu, Postdoc, University of South Carolina  
Meghan McDoniel, PhD, Postdoc Stanford University  
Alicia Vallorani MS  
Berenice Anaya MS  
Anna Zhou MS  
Austen Trainer  
Liu Bai  
Frances Lobo, MS  
Yushuang Liu

University of Missouri:

Temperament and Personality Development  
Studies in Developmental Psychology  
Graduate Student Mentoring  
Natalie Williams, PhD Assistant Professor, University of Nebraska  
Elizabeth Kiel, PhD Associate Professor Miami University  
Martha Early, PhD clinician in private practice

**3. Postdoctoral**

The Pennsylvania State University

Alicia Hughes, PhD Adjunct Professor and Staff Psychologist, Temple  
University Medical Center  
Elizabeth L. Davis, PhD Associate Professor, University of California-  
Riverside  
Jin Qu, PhD Assistant Professor, Clarion University  
Margaret Whedon, PhD