

## CURRICULUM VITAE

Lea Rose Dougherty, Ph.D.

### APPOINTMENTS AND EDUCATION

#### CURRENT POSITION

University of Maryland  
Department of Psychology  
Associate Professor with Tenure

#### EDUCATIONAL HISTORY

- 2001 B.A.** University of Delaware, *summa cum laude, degree with distinction*  
Major: Psychology; Minor: French Studies
- 2003 M.A.**  
**2008 Ph.D.** Doctoral Program in Clinical Psychology (APA and PCSAS-Accredited)  
Concentrations in Quantitative Methods and Close Relationships  
Stony Brook University
- 2007-2008** Clinical Psychology Internship (APA-Accredited)  
Yale University School of Medicine

#### ACADEMIC POSITIONS

- 2008 – 2015** *Assistant Professor*  
**2015 – Present** *Associate Professor*  
*Director, Child Stress and Emotions Laboratory*  
University of Maryland, College Park  
Department of Psychology (Clinical Area)  
Neuroscience and Cognitive Science Program

### RESEARCH PUBLICATIONS

*Notes: Student authors italicized with an asterisk. In all cases in which a student author is listed first, I am the senior and corresponding author. Authors are otherwise listed in the order of their contribution.*

#### *Chapters in Books*

1. **Dougherty, L. R.**, Klein, D. N., Olino, T. M., & Laptook, R. S. (2008). Depression in children and adolescents. In J. Hunsely, and E. Mash (Eds.), *A Guide to Assessments that Work* (pp. 69-95). New York, NY: Oxford University Press.
2. Klein, D. N., **Dougherty, L. R.**, Laptook, R. S., & Olino, T. M. (2008). Temperament and risk for depression. In N. Allen, and L. Sheeber (Eds.), *Adolescent Emotional Development and the Emergence of Depressive Disorder* (pp. 238-261). London, England: Cambridge University Press.

### *Articles in Refereed Journals*

1. **Dougherty, L. R.**, Klein, D. N., & Davila, J. (2004). A growth curve analysis of the course of dysthymic disorder: The effects of chronic stress and moderation by adverse parent-child relationships and family history. *Journal of Consulting and Clinical Psychology, 72*, 1012-1021. doi: 10.1037/0022-006X.72.6.1012
2. Klein, D. N., **Dougherty, L. R.**, & Olino, T. M. (2005). Toward guidelines for evidence-based assessment of depression in children and adolescents. *Journal of Child and Adolescent Clinical Psychology, 34*, 412-432. doi: 10.1207/s15374424jccp3403\_3
3. Laptook, R. S., Klein, D. N., & **Dougherty, L. R.** (2006). Ten-year stability of depressive personality disorder in depressed outpatients. *American Journal of Psychiatry, 163*, 865-871. doi: 10.1176/appi.ajp.163.5.865
4. **Dougherty, L. R.** (2006). Children's emotionality and social status: A meta-analytic review. *Social Development, 15*, 394-417. doi: 10.1111/j.1467-9507.2006.00348.x
5. Hayden, E. P., **Dougherty, L. R.**, Maloney, B., Durbin, C. E., Olino, T., M., Nurnberger, J. I., ... & Klein, D. N. (2007). Temperamental fearfulness in childhood and serotonin transporter region polymorphism: A multimethod association study. *Psychiatric Genetics, 17*, 135-142. doi: 10.1097/YPG.0b013e3280147847
6. Hayden, E. P., **Dougherty, L. R.**, Maloney, B., Olino, T. M., Durbin, C. E., Sheikh, H. I., ... & Klein, D. N. (2008). Early-emerging cognitive vulnerability to depression and the serotonin transporter region polymorphism. *Journal of Affective Disorders, 107*, 227-230. doi: 10.1016/j.jad.2007.07.028
7. Sheikh, H. I., Hayden, E. P., Singh, S. M., **Dougherty, L. R.**, Olino, T. M., Durbin, C. E., & Klein, D. N. (2008). An examination of the association between the 5-HTT promoter region polymorphism and depressogenic attributional styles in childhood. *Personality and Individual Differences, 45*, 425-428. doi:10.1016/j.paid.2008.05.020
8. **Dougherty, L. R.**, Klein, D. N., Olino, T. M., Dyson, M., & Rose, S. (2009). Increased waking salivary cortisol and depression risk in preschoolers: The role of maternal history of melancholic depression and early child temperament. *Journal of Child Psychology and Psychiatry, 50*, 1495-1503. doi:10.1111/j.1469-7610.2009.02116.x

9. **Dougherty, L. R.**, Klein, D. N., Congdon, E., Canli, T., & Hayden, E. P. (2010). Interaction between *5-HTTLPR* and *BDNF* Val66Met polymorphisms on HPA axis reactivity in preschoolers. *Biological Psychology*, *83*, 93-100. doi:10.1016/j.biopsycho.2009.10.009
10. **Dougherty, L. R.**, Klein, D. N., Durbin, C. E., Hayden, E. P., & Olino, T. M. (2010). Temperamental positive and negative emotionality and children's depressive symptoms: A longitudinal prospective study from age three to age ten. *Journal of Social and Clinical Psychology*, *29*, 464-490. doi: 10.1521/jscp.2010.29.4.462
11. Hayden, E. P., Klein, D. N., **Dougherty, L. R.**, Olino, T. M., Dyson, M. W., Durbin, C. E., ... & Singh, S. M. (2010). The role of BDNF genotype, parental depression, and relationship discord in predicting early-emerging negative emotionality. *Psychological Science*, *21*, 1678-1685. doi: 10.1177/0956797610385357
12. Hayden, E. P., Klein, D. N., Sheikh, H. I., Olino, T. M., **Dougherty, L. R.**, Dyson, M. W., ... & Singh, S. M. (2010). The Serotonin Transporter Promoter Polymorphism and Childhood Positive and Negative Emotionality. *Emotion*, *10*, 696-702. doi: 10.1037/a0019527
13. Hayden, E. H., Klein, D. N., **Dougherty, L. R.**, Olino, T. M., Dyson, M. W., Bufferd, S. J., ... & Singh, S. M. (2010). The dopamine D2 receptor gene and depressive and anxious symptoms in early childhood: Associations and evidence for gene-environment correlation and gene-environment interaction. *Psychiatric Genetics*, *20*, 304-310. doi: 10.1097/YPG.0b013e32833adccb
14. Sheikh, H. I., **Dougherty, L. R.**, Hayden, E. P., Klein, D. N., & Singh, S. M. (2010). Glucagon-Like Peptide-1 Receptor Gene Polymorphism (*Leu260Phe*) Is Associated With Morning Cortisol in Preschoolers. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, *34*, 980-983. doi:10.1016/j.pnpbp.2010.05.007
15. **Dougherty, L. R.**, Bufferd, S. J., Carlson, G. A., Dyson, M. W., Olino, T. M., & Klein, D. N. (2011). Preschoolers' Observed Temperament and Psychiatric Disorders Assessed with a Parent Diagnostic Interview. *Journal of Clinical Child and Adolescent Psychology*, *40*, 295-306. doi: 10.1080/15374416.2011.546046
16. Pachankis, J. E., Westmaas, J. L., & **Dougherty, L. R.** (2011). The influence of sexual orientation and masculinity on young men's tobacco smoking. *Journal of Consulting and Clinical Psychology*, *79*, 142-152. doi: 10.1037/a0022917
17. **Dougherty, L. R.**, Klein, D. N., Rose, S., & Lupton, R. (2011). Hypothalamic-pituitary-adrenal axis reactivity in the preschool-aged offspring of depressed parents: Moderation by early parenting. *Psychological Science*, *22*, 650-658. doi: 10.1177/0956797611404084
18. Bufferd, S. J., **Dougherty, L. R.**, Carlson, G. A., & Klein, D. N., (2011). Parent-reported mental health in preschoolers: Findings using a diagnostic interview. *Comprehensive Psychiatry*, *52*, 359-369. doi: 10.1016/j.comppsy.2010.08.006

19. Dyson, M. W., Olino, T. M., **Dougherty, L. R.**, Klein, D. N., & Durbin, C. E. (2011). Differentiation between social and non-social behavioral inhibition in preschool-age children. *Child Psychiatry and Human Development*, 42, 390-405. doi: 10.1007/s10578-011-0225-6.
20. Kim, J., Klein, D. N., Olino, T. M., Dyson, M. W., **Dougherty, L. R.**, & Durbin, C. E. (2011). Psychometric properties of the behavioral inhibition questionnaire in preschool children. *Journal of Personality Assessment*, 93, 545-555. doi: 10.1080/00223891.2011.608756
21. Kim, J., Carlson, G. A., Meyer, S. E., Bufferd, S. J., **Dougherty, L. R.**, Dyson, M. W., ... & Klein, D. N. (2012). Correlates of the CBCL-Dysregulation profile in preschool-aged children. *Journal of Child Psychology and Psychiatry*, 53, 918-926. doi:10.1080/00223891.2011.608756
22. De Los Reyes, A., Thomas, S. A., Swan, A. J., Ehrlich, K. B., Reynolds, E. K., Suarez, L., **Dougherty, L. R.**, ... & Pabón, S. C. (2012). "It depends on what you mean by 'disagree'": Differences between parent and child perceptions of parent-child conflict. *Journal of Psychopathology and Behavioral Assessment*, 34, 293-307. doi:10.1007/s10862-012-9288-3
23. Bufferd, S. J., **Dougherty, L. R.**, Carlson, G. A., Rose, S., & Klein, D. N. (2012). Psychiatric disorders in preschoolers: continuity from ages 3 to 6. *American Journal of Psychiatry*, 169, 1157-1164. doi:10.1176/appi.ajp.2012.12020268
24. **Dougherty, L. R.**, \*Smith, V. C., Olino, T. M., Dyson, M. W., Bufferd, S., Rose, S., & Klein, D. N. (2013). Maternal psychopathology and early child temperament predict young children's salivary cortisol three years later. *Journal of Abnormal Child Psychology*, 41, 531-542. doi: 10.1007/s10802-012-9703-y
25. Sheikh, H. I., Kryski, K. R., Smith, H. J., **Dougherty, L. R.**, Klein, D. N., Bufferd, S. J., ... & Hayden, E. P. (2013). Catechol-O-Methyltransferase gene *val158met* polymorphism and depressive symptoms during early childhood. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 162, 245-252. doi: 10.1002/ajmg.b.32141
26. Danzig, A. P., Bufferd, S. J., **Dougherty, L. R.**, Carlson, G. A., & Klein, D. N. (2013). Longitudinal associations between preschool psychopathology and school-age peer functioning. *Child Psychiatry and Human Development*, 44(5), 621-632. doi: 10.1007/s10578-012-0356-4
27. **Dougherty, L. R.**, \*Tolep, M. R., \*Smith, V. C., & Rose, S. A. (2013). Early exposure to parental depression and parenting: Associations with young offspring's stress physiology and oppositional behavior. *Journal of Abnormal Child Psychology*, 41, 1299-1310. doi:10.1007/s10802-013-9763-7
28. Hayden, E. P., Olino, T. M., Bufferd, S. J., Miller, A., **Dougherty, L. R.**, Sheikh, H. I., ... & Klein, D. N. (2013). The 5-HTTLPR and BDNF Val66Met polymorphisms and maternal

- history of depression: Associations with cognitive vulnerability to depression in childhood. *Development & Psychopathology*, 25, 587-598. doi: 10.1017/S0954579413000035.
29. **Dougherty, L. R.**, \*Tolep, M. R., Bufferd, S. J., Olino, T. M., Dyson, M. W., Traditi, J., ... & Klein, D. N. (2013). Preschool anxiety disorders: Comprehensive assessment of clinical, demographic, temperamental, familial, and life stress correlates. *Journal of Clinical Child and Adolescent Psychology*, 42, 577-589. doi: 10.1080/15374416.2012.759225
  30. Kryski, K. R., **Dougherty, L. R.**, Sheikh, H. I., Dyson, M. W., Olino, T. M., Luptook, R. S., ... & Hayden, E. P. (2013). Effortful Control and Parenting: Associations with HPA Axis Reactivity in Early Childhood. *Developmental Science*, 16, 531-541. doi: 10.1111/desc.12050
  31. Alfano, C. A., \*Smith, V. C., Reynolds, K. C., Reddy, R. & **Dougherty, L. R.** (2013). The Parent-Child Sleep Interactions Scale (PSIS) for preschoolers: Factor structure and initial psychometric properties. *Journal of Clinical Sleep Medicine*, 9, 1153-1160. doi: 10.5664/jcsm.3156.
  32. **Dougherty, L. R.**, \*Smith, V. C., Bufferd, S. J., Stringaris, A., Leibenluft, E., Carlson, G. A. & Klein, D. N. (2013). Preschool irritability: Predictive associations with psychiatric disorders and impairment at age six. *Journal of the American Academy of Child and Adolescent Psychiatry*, 52, 1304-1313. doi: 10.1016/j.jaac.2013.09.007.
  33. Kujawa, A., **Dougherty, L.**, Durbin, C. E., Luptook, R., Torpey, D., & Klein, D. N. (2014). Emotion recognition in preschool children: Associations with maternal depression and early parenting. *Development & Psychopathology*, 26, 159-170. doi:10.1017/S0954579413000928
  34. \*Smith, V. C., & **Dougherty, L. R.** (2014). Noisy Spit: Parental noncompliance with child cortisol sampling. *Developmental Psychobiology*, 56, 647-656. doi: 10.1002/dev.21133
  35. **Dougherty, L. R.**, \*Smith, V. C., Bufferd, S. J., Carlson, G. A., Stringaris, A., Leibenluft, E., & Klein, D. N. (2014). DSM-5 disruptive mood dysregulation disorder: Correlates and predictors in young children. *Psychological Medicine*, 44, 2339-2350.
  36. \*Tolep, M. R., & **Dougherty, L. R.** (2014). The conundrum of the laboratory: Challenges of assessing preschool-age children's salivary cortisol reactivity. *Journal of Psychopathology and Behavioral Assessment*, 36, 350-357. doi: 10.1007/s10862-014-9410-9
  37. Olino, T. M., **Dougherty, L. R.**, Bufferd, S. J., Carlson, G. A., & Klein, D. N. (2014). Testing models of psychopathology in preschool aged children using a structured interview-based assessment. *Journal of Abnormal Child Psychology*, 42, 1201-1211. doi: 10.1007/s10802-014-9865-x
  38. Bufferd, S. J., **Dougherty, L. R.**, Olino, T. M., Dyson, M.W., Luptook, R. S., Carlson, G. A., & Klein, D. N. (2014). Predictors of the onset of depression diagnoses in young children: A multi-method, multi-informant longitudinal study from ages 3 to 6. *Journal of Child*

*Psychology and Psychiatry*, 55, 1279-1287.

39. \*Smith, V. C., \*Leppert, K., Alfano, C. A., & **Dougherty, L. R.** (2014). Construct Validity of the Parent-Child Sleep Interactions Scale (PSIS): Associations with Parenting, Family Stress, and Maternal and Child Psychopathology. *Sleep Medicine*, 15, 942-951. doi: 10.1016/j.sleep.2014.04.002.
40. **Dougherty, L. R.**, \*Leppert, K., \*Merwin, S. M., \*Smith, V. C., Bufferd, S. J., & \*Kushner, M. R. (2015). Advances and directions in preschool mental health research. *Child Development Perspectives*, 9, 14-19.
41. \*Merwin, S.M., \*Smith, V. C., & **Dougherty, L. R.** (2015). 'It takes two': The interaction between parenting and child temperament on parents' stress physiology. *Developmental Psychobiology*, 57, 336-348.
42. **Dougherty, L. R.**, \*Smith, V. C., Bufferd, S. J., Kessel, E., Carlson, G., & Klein, D. N. (2015). Preschool irritability predicts child psychopathology, functional impairment, and service use at age nine years. *Journal of Clinical Psychiatry and Psychology*, 56, 999-1007. doi: 10.1111/jcpp.12403.
43. Chronis-Tuscano, A., Rubin, K. H., O'Brien, K. A., Coplan, R., Thomas, S. R., **Dougherty, L. R.**, . . . Wimsatt, M. (2015). Preliminary evaluation of a multimodal early intervention program for behaviorally inhibited preschoolers. *Journal of Consulting and Clinical Psychology*, 83, 534-540. doi: 10.1037/a0039043.
44. Thomas, S.A., Weeks, J.W., **Dougherty, L.R.**, Lipton, M., Daruwala, S.E., Kline, K., & De Los Reyes, A. (in press). Allelic variation of risk for anxiety symptoms interacts with adolescent safety behaviors in relation to social anxiety symptoms. *Journal of Psychopathology and Behavioral Assessment*.
45. **Dougherty, L. R.**, \*Blankenship, S. L., \*Spechler, P. A., Padmala, S., & Pessoa, L. (in press). An fMRI Study of Cognitive Reappraisal in Children: Divergent Effects on Brain and Behavior. *Journal of Psychopathology and Behavioral Assessment*.
46. Kessel, E. M., Kujawa, A., **Dougherty, L. R.**, Hajcak, G., Carlson, G. A., & Klein, D. N. (in press). Longitudinal associations between preschool disruptive mood dysregulation disorder symptoms and neural reactivity to monetary reward during preadolescence. *Journal of Child and Adolescent Psychopharmacology*.
47. Carlson, G. A., Danzig, A., **Dougherty, L. R.**, Bufferd, S. & Klein, D. N. (in press). Loss of temper and irritability: The relationship to tantrums in a community and clinical sample. *Journal of Child and Adolescent Psychopharmacology*.

### **Submitted Manuscripts**

1. Johnson, V. C., Olino, T. M., Klein, D. N., Dyson, M. W., Bufferd, S. J., Durbin, C. E., **Dougherty, L.R.**, & Hayden, E. P. (2015). A longitudinal investigation of predictors of the stability of behavioural inhibition in early childhood. Submitted for publication.

2. **Dougherty, L. R.**, \*Smith, V. C., Bufferd, S. J., Kessel, E. M. Carlson, G. A., & Klein, D. N. (2015). Disruptive mood dysregulation disorder at age six and clinical and functional outcomes three years later. Submitted for publication.
3. \*Merwin, S. M., \*Smith, V. C., \*Kushner, M., Lemay, E. P. Jr., & **Dougherty, L. R.** (2015). Parent-child adrenocortical synchrony in early childhood: the moderating role of parental depression and child temperament. Submitted for publication.
4. \*Leppert, K., \*Kushner, M., \*Smith, V. C., Lemay, E. P. Jr., & **Dougherty, L. R.** (2015). Stability and change of cortisol reactivity to a laboratory stressor from early to middle childhood. Submitted for publication.
5. Kessel, E. M., Kujawal, A., **Dougherty, L. R.**, Hajcak, G., Carlson, G. A., & Klein, D. N. (2015). Neurophysiological processing of emotion in children of mothers with a history of depression: The moderating role of preschool persistent irritability. Submitted for publication.
6. \*Kushner, M., \*Barrios, C., \*Smith, V. C., & **Dougherty, L. R.** (2015). Physiological and behavioral vulnerability markers increase risk to early life stress in preschool-aged children. Submitted for publication.

## **RESEARCH PRESENTATIONS**

### *Invited Talks*

- 2008**      **Colloquium**, Developmental Science Colloquium, Department of Human Development, University of Maryland College Park  
Topic: A Developmental Neurobiological Pathway to Depression: The Role of Early Temperamental, Environmental and Genetic Risk
- 2009**      **Colloquium**, Applied Developmental Psychology Colloquium, George Mason University  
Topic: Temperament and Emotional and Behavioral Disorders in Preschoolers: Distinct or Overlapping Constructs?
- 2013**      **Colloquium**, Clinical Science Colloquium, Department of Psychology, University of Delaware  
Topic: Mechanisms of Risk in the Young Offspring of Depressed Parents
- 2014**      **Colloquium**, Department of Psychology, McGill University  
Title: Risk for Psychopathology and Emerging Mental Health Problems in Preschool Age Children
- 2014**      **National Institute of Mental Health, Emotion and Development Branch**

Title: Chronic Irritability and Disruptive Mood Dysregulation Disorder in Preschoolers: Early Predictors, Course, and Neurobiological Correlates

**2015** **Divisional Conference**, Child & Adolescent Psychiatry, Johns Hopkins University  
 Title: Chronic Irritability and Disruptive Mood Dysregulation Disorder in Childhood: Early Predictors, Course, and Neurobiological Correlates

**2015** **Colloquium**, Clinical Area, Department of Psychology, University of Maryland College Park  
 Title: Chronic Irritability and Disruptive Mood Dysregulation Disorder in Childhood: Early Predictors, Course, and Neurobiological Correlates

### ***Refereed Conference Proceedings***

1. **Dougherty, L. R.** (2001, April). *Perceived interparental conflict and maternal rejection as predictors of cognitive biases in children*. Poster session presented at the Society for Research in Child Development, Minneapolis, MN.
2. **Dougherty, L. R.**, Klein, D. N., & Davila, J. (2004, October). *A growth curve analysis of the course of dysthymic disorder: The effects of chronic stress and moderation by adverse parent-child relationships and family history*. Poster session presented at the Society for Research in Psychopathology, St. Louis, MO.
3. Laptook, B., **Dougherty, L. R.**, Olino, T., Klein, D. N., Durbin, C. E., Hayden, E., & Buckley, M. E. (2005, April). *Differentiation between positive affect and behavior inhibition in preschool-age children*. Poster session presented at the Society for Research in Child Development, Atlanta, GA.
4. **Dougherty, L. R.** (2005, April). *Children's emotionality and peer relations: A meta-analytic review*. Poster session presented at the Society for Research in Child Development, Atlanta, GA.
5. Hayden, E., **Dougherty, L. R.**, Maloney, B., Durbin, C. E., Olino, T. M., Lahiri, D. K., ... & Klein, D. N. (2005, October). *Associations between a polymorphism in the serotonin transporter gene and multiple measures of child temperament*. Poster session presented at the Society for Research in Psychopathology. Coral Gables, FL.
6. Torpey, D.C., Anjam, S., **Dougherty, L.R.**, Dyson, M.W., Olino, T.M., Shankman, S.A., ... & Klein, D.N. (2007, March). *Differences between preschool aged children who complete and refuse to complete EEG assessments*. Poster session presented at the Society for Research in Child Development, Boston, MA.
7. Hayden, E., **Dougherty, L.R.**, Olino, T.M., Durbin, C.E., Dyson, M., Sheikh, H., ... & Klein, D.N. (2007, October). *Gene-environment interplay in child temperament and the early*

*home environment*. Poster session presented at the Society for Research in Psychopathology, Iowa City, IA.

8. Torpey, D.C., Bruder, G.E., **Dougherty, L.R.**, Hayden, E.P., Kim, J., McFarland, B.R., ... & Klein, D.N. (2008, October). *Associations Between maternal depression, the serotonin transporter promoter region polymorphism and electroencephalographic asymmetries in pre-school aged children*. Poster session presented at the Society for Psychophysiological Research, Austin, TX.
9. **Dougherty, L. R.**, Klein, D. N., Congdon, E., Olino, T. M., Dyson, M., Rose, S., & Canli, T. (2009, June). *Increased waking salivary cortisol and depression risk in preschoolers: The role of maternal history of melancholic depression, early child temperament, and 5-HTTLPR*. Poster session presented at the International Society for Research on Child and Adolescent Psychopathology, Seattle, WA.
10. Klein, D. N., Bufferd, S. **Dougherty, L. R.**, & Carlson, G. A. (2009, June). *Parent-reported depression in early childhood: Prevalence and stability*. Symposium conducted at the International Society for Research on Child and Adolescent Psychopathology, Seattle, WA.
11. Bufferd, S. J., **Dougherty, L. R.**, Carlson, G. A., Bromet, E. J., & Klein, D. N. (2010, March). *Parent-reported DSM-IV disorders in a community sample of preschoolers*. Poster session presented at the American Psychopathological Association, New York, NY.
12. **Dougherty, L. R.**, Klein, D. N., Rose, S., & Lupton, R. (2010, May). *Stress reactivity in the offspring of depressed parents: Moderation by early parenting*. Symposium conducted at the Association for Psychological Science, Boston, MA.
13. Klein, D. N., Bufferd, S. **Dougherty, L. R.**, & Carlson, G. A. (2010, May). *Predictors of depression in early childhood*. Symposium conducted at the Association for Psychological Science, Boston, MA.
14. Kim, J., Klein, D. N., Olino, T. M., Dyson, M. W., **Dougherty, L. R.**, & Durbin, C. E. (2010, May). *Psychometric properties of the Behavioral Inhibition Questionnaire (BIQ) in preschool children*. Poster session presented at the Association for Psychological Science, Boston, MA.
15. Sheikh, H., I., **Dougherty, L. R.**, Hayden, E. P., Klein, D. N., & Singh, S. M. (2010, June). *Glucagon-Like Peptide-1 Receptor Gene Polymorphism (Leu260Phe) is associated with morning cortisol in preschoolers*. Paper presented at the Genetic Society of Canada, McMaster University, Canada.
16. Pachankis, J. E. & **Dougherty, L. R.** (2010, August). *The costs of self-concealment in the lives of gay men: Evidence from a 10-day experience sampling study*. Symposium conducted at the American Psychological Association, San Diego, CA.

17. \*Quinn, M. E., \*Tolep, M. R., \*Smith, V. C., \*Condit, C. S., Hayden, E. P., & **Dougherty, L. R.** (2011, May). *Negative cognitive styles and cortisol reactivity in preschoolers: Investigating mechanisms of risk for depression*. Poster session presented at the Association for Psychological Science, Washington, DC.
18. \*Tolep, M. R., Bufferd, S. J., \*Condit, C. S., Olino, T. M., Rose, S. A., **Dougherty, L. R.**, & Klein, D. N. (2011, May). *Preschool anxiety disorders: Comprehensive assessment of clinical, demographic, child and familial correlates*. Poster session presented at the Association for Psychological Science, Washington, DC.
19. Sheikh, H., Hayden, E. P., **Dougherty, L. R.**, Lupton, R. S., Olino, T. M., Klein, D. N., & Singh, S. M. (2011, June). Associations between *COMT* gene functional polymorphisms and early-childhood *internalizing symptoms: Evidence for symptom mediation through child temperament*. Poster session presented at Behavior Genetics Association, Newport, RI.
20. Bufferd, S. J., **Dougherty, L. R.**, Carlson, G. A., & Klein, D. N. (2011, October). *Preschool psychopathology: Rates, comorbidity, and stability of DSM-IV disorders*. Poster session presented at the American Academy of Child and Adolescent Psychiatry, Toronto, Canada.
21. Kryski, K. R., **Dougherty, L. R.**, Sheikh, H. I., Dyson, M. W., Olino, T. M., Lupton, R. S., ... & Klein, D. N. (2011, October). DRD4 genotype, child effortful control, and parenting style: Associations with HPA axis reactivity in early childhood. In E. Fox (Chair), *Attention control and anxiety: Integrating electrophysiological, cognitive and genetic approaches*. Symposium conducted at the Society for Psychophysiological Research, Boston, MA.
22. \*Miller, A., Ratner, N. B., Newman, R., & **Dougherty, L. R.** (2011, November). *Does maternal depression affect how children benefit from child-directed speech?* Poster session presented at the American Speech-Language-Hearing Association, San Diego, CA.
23. Thomas, S. A., De Los Reyes, A., Swan, A. J., Ehrlich, K. B., Suarez, L., **Dougherty, L. R.**, & Pabon, S. C. (2011, November). *"It depends on what you mean by 'disagree': Differences between parent and child perceptions of parent-child conflict*. Poster session presented at the Association for Behavioral and Cognitive Therapies, Toronto, Canada.
24. Pachankis, J. E., Westmaas, J. L., & **Dougherty, L. R.** (2011, November). *The influence of sexual orientation and masculinity on young men's tobacco smoking*. Symposium conducted at the Association of Behavioral and Cognitive Therapies, Toronto, Canada.
25. Pennock, A., Bufferd, S. J., **Dougherty, L. R.**, & Klein, D. N. (2012, May). *Longitudinal associations between preschool psychopathology and school-age peer functioning*. Poster session presented at the Association for Psychological Science, Chicago, IL.
26. \*Tolep, M., **Dougherty, L. R.**, \*Smith, V. S., \*Condit, C., & Rose, S. (2012, May). *Parental depression, parenting, and cortisol reactivity in preschoolers*. Poster session presented at the Association for Psychological Science, Chicago, IL.

27. \*Smith, V. S., **Dougherty, L. R.**, Olino, T. M., Dyson, M., Bufferd, S., Rose, S., & Klein, D. N. (2012, May). *Maternal depression and early child temperament predict young children's salivary cortisol at three-year follow-up*. Poster session presented at the Association for Psychological Science, Chicago, IL.
28. Bufferd, S., **Dougherty, L. R.**, Olino, T. M., Dyson, M., Lupton, R., Carlson, G. A., & Klein, D. N. (2012, October). *Predictors of the onset of depression diagnoses in young children: A multi-method, multi-informant longitudinal study from ages 3 to 6*. Poster session presented at the American Academy of Child and Adolescent Psychiatry, San Francisco, CA.
29. Chronis-Tuscano, A., Thomas, S. R., O'Brien, K. A., Huggins, S. L., **Dougherty, L. R.**, Ellison, K., ... & Rubin, K. H. (2012, November). *A multi-component intervention to help inhibited preschoolers come out of their shells*. Poster session presented at the Association of Behavioral and Cognitive Therapies, National Harbor, MD.
30. Reynolds, K. C., Reddy, R., Balderas, J., \*Smith, V. S., Kushnir, J., **Dougherty, L. R.**, & Alfano, C. A. (2012, November). *Initial psychometric properties of the Parent-Child Sleep Interaction Scale (PC SIS) in preschoolers*. Poster session presented at the Association of Behavioral and Cognitive Therapies, National Harbor, MD.
31. \*Miller, A., **Dougherty, L. R.**, Newman, R., Ratner, N., Catalano, A., & Kozlovsky, P. (2012, November). *Maternal depression on child-directed speech*. Poster session presented at the American Speech-Language-Hearing Association, Atlanta, GA.
32. Thomas, S. A., Weeks, J. W., **Dougherty, L. R.**, Darauwala, S., Kline, K., & De Los Reyes, A. (2012, November). *Genetic correlates of risk interact with adolescent safety behaviors in relation to social anxiety symptoms*. Poster session presented at the Association of Behavioral and Cognitive Therapies (ABCT), National Harbor, MD.
33. Bufferd, S. J., **Dougherty, L. R.**, Olino, T. M., Dyson, M. W., Lupton, R. S., Carlson, G. A., & Klein, D. N. (2013, April). *Predictors of the course of anxiety diagnoses in a multi-method longitudinal study of preschool-aged children*. Poster session presented at the meeting of the Society for Research in Child Development (SRCD), Seattle, WA.
34. Wang, J. M., Rubin, K. H., Chronis-Tuscano, A., Coplan, R., O'Brien, K. A., & **Dougherty, L. R.** (2013, April). The social behaviors of inhibited children in familiar and unfamiliar social settings over time. In H. Gazelle & K. Buss (Chair), *Behavioral inhibition across context: Social versus non-social and familiar versus unfamiliar contexts*. Symposium conducted at the biennial Society for Research in Child Development (SRCD), Seattle, WA.
35. Dyson, M. W., Olino, T. M., **Dougherty, L. R.**, Durbin, C. E., & Klein, D. N. (2013, April). *Observed social and non-social behavioral inhibition in preschool-age children: Differential associations with parent-reported temperament and anxiety*. Symposium conducted at the Society for Research in Child Development (SRCD), Seattle, WA.

36. \*Smith, V.C., \*Tolep, M.R., \*Condit, C.S., & **Dougherty, L.R.** (2013, May). *Noisy spit: Parental noncompliance with child cortisol collection*. Poster session presented at the 25th annual meeting of the Association for Psychological Science (APS), Washington, DC.
37. \*Tolep, M.R., \*Condit, C.S., \*Smith, V.C., & **Dougherty, L.R.** (2013, May). *The Conundrum of the laboratory: Challenges of assessing preschool-age children's salivary cortisol reactivity*. Poster session presented at the 25th annual meeting of the Association for Psychological Science, Washington, DC.
38. Sheikh, H.I., Kryski, K.R., Smith, H.J., \*Tolep, M.R., \*Smith, V.C., **Dougherty, L.R.**, ... & Singh, S.M. (2013, May). *Pathways between Glucagon-like peptide-1 receptor gene polymorphisms (Leu260Phe) and internalizing symptoms in early childhood: The roles of HPA axis reactivity and early life stress*. Poster session presented at the 68<sup>th</sup> Annual meeting of the Society of Biological Psychiatry, San Francisco, CA.
39. Bufferd, S. J., **Dougherty, L. R.**, Olino, T. M., Dyson, M. W., Laptok, R. S., Carlson, G. A., & Klein, D. N. (2013, June). *Predictors of the course of anxiety diagnoses in a multi-method longitudinal study of preschool-aged children*. Poster session presented at the meeting of the International Society of Child and Adolescent Psychiatry (ISRCAP), Leuven, Belgium.
40. **Dougherty, L. R.**, \*Tolep, M. T., & \*Smith, V. C. (2013, June). *Early exposure to parental depression and parenting: Associations with young offspring's stress physiology and oppositional behavior*. Symposium conducted at the meeting of the International Society of Child and Adolescent Psychiatry (ISRCAP), Leuven, Belgium.
41. \*Tolep, M.R., \*Leppert, K., \*Quinn, M.E., \*Smith, V.C., & **Dougherty, L.R.** (2013, November). *Depressogenic cognitions in preschoolers: Correlates and risk for psychopathology*. Poster session presented at the 47th annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.
42. \*Smith, V.C., **Dougherty, L.R.**, Bufferd, S.J., Carlson, G.A., & Klein, D.N. (2013, November). *DSM-5 proposed disruptive mood dysregulation disorder: Prevalence, comorbidity, and concurrent and longitudinal correlates in a large community sample of six-year olds*. Poster session presented at the 47th annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.
43. \*Blankenship, S., Langeslag, S.J.E., \*Smith, V. C., Riggins, T., & **Dougherty, L. R.** (2014, April). *Longitudinal associations between negative parenting during early childhood and hippocampal resting-state state networks three years later*. Poster session presented at the Cognitive Neuroscience Society (CNS), Boston, MA.
44. \*Smith, V.C., \*Leppert, K., Alfano, C.A., & **Dougherty, L.R.** (2014, August). *Evidence for the construct validity of the Parent-Child Sleep Interactions Scale (PSIS)*. Paper presented at the Exemplary Student Research in Pediatric Psychology Paper Session, American Psychological Association, Washington, DC.

45. \*Merwin, S.M., \*Smith, V.C., & **Dougherty, L.R.** (2014, August). *Parenting and parent stress physiology: The moderating role of child effortful control*. Poster session presented at the American Psychological Association, Washington, DC.
46. Johnson, V. C., Olino, T. M., Klein, D. N., Dyson, M. W., Bufferd, S. J., Durbin, C. E., **Dougherty, L. R.**, & Hayden, E. P. (2014, September). A longitudinal investigation of predictors of the stability of behavioural inhibition in early childhood. Poster session presented at the annual meeting of the Society of Research in Psychopathology, Evanston, IL.
47. **Dougherty, L. R.**, \*Smith, V. C., Bufferd, S. J., Carlson, G. A., & Klein, D. N. (2014, October). DSM-5 disruptive mood dysregulation disorder: Correlates, predictors and outcomes in young children. In L. R. Dougherty (Chair), *Irritability and DSM-5 disruptive mood dysregulation disorder in youth*. Symposium conducted at the 61<sup>st</sup> annual meeting of the American Academy of Child and Adolescent Psychiatry (AACAP), San Diego, CA.
48. \*Smith, V. C., \*Tolep, M. R., \*Condit, Caitlin, & **Dougherty, L. R.** (2014, November). *Cortisol awakening response in preschoolers and depression risk: Relations with parental history of depression and child temperament*. Poster session presented at the 48<sup>th</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
49. Howell, T., Curzio, E., Giannotto, K., Ratner, N. B., & **Dougherty, L. R.** (2014, November). *Maternal Depression & Child Language Skills: Results From a Cued Naming Task*. Poster session presented at the American Speech-Language-Hearing Association, Orlando, FL.
50. Riggins, T., \*Blankenship, S., & **Dougherty, L.** (2014, November). Effects of early life stress on brain networks supporting memory during childhood. Poster session presented at the Shaping the Developing Brain: Prenatal through Early Childhood Fifth Annual Aspen Brain Forum, sponsored by The New York Academy of Sciences, New York, NY.
51. \*Blankenship, S., \*Smith, V. C., Riggins, T. & **Dougherty, L. R.** (2015, March). Interaction Between Maternal Lifetime Depression and Early Negative Parenting on Hippocampal Connectivity. Poster session presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
52. Riggins, T., \*Blankenship, S., \*Leppert, K., Marti, L., Segars, J., Gruber, A., **Dougherty, L. R.** (2015, March). Relations between hippocampal functional connectivity during rest and memory performance in 5- to 8-year-old children. Poster session presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
53. \*Blankenship, S., Redcay, E., Riggins, T., & **Dougherty, L. R.** (2015, March). Development of hippocampal resting state networks during childhood. In **L. R. Dougherty** and T. Riggins (Chairs), *Development of brain networks: Insights from resting-state functional connectivity studies of the amygdala and hippocampus*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.

54. Mulligan, E., \*Blankenship, S. L., \*Leppert, K., \*Merwin, S., **Dougherty, L. R.**, & Riggins, T. (2015, April). Developmental differences in relations between episodic memory and hippocampal subregion volume during early to middle childhood. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
55. Riggins, T., \*Blankenship, S., Redcay, E., & **Dougherty, L. R.** (2015, April). Development of hippocampal resting-state networks during childhood. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
56. \*Leppert, K., \*Fisseha, F., \*Smith, V., Rose, S., & **Dougherty, L. R.** (2015, May). The interaction between parental depression and parental hostility on preschoolers' cortisol awakening response. Poster session presented at the 27<sup>th</sup> Annual Convention of the Association for Psychology Science, New York, NY.
57. Sillis, C. B., Wren, B. G., \*Leppert, K., Bouvatte, K., Alcid, T., **Dougherty, L. R.**, Bufferd, S. J. (2015, April). Daily social anxiety and impairment in preschool-aged children. Poster session presented at the annual meeting of the Western Psychological Association, Las Vegas, NV.
58. Wren, B. G., Sillis, C. B., \*Leppert, K., Bouvatte, K., Alcid, T., **Dougherty, L. R.**, Bufferd, S. J. (2015, April). Frequency of separation anxiety behaviors associated with stressors in preschoolers. Poster session presented at the annual meeting of the Western Psychological Association, Las Vegas, NV.
59. Thomas, S.R., \*Smith, V.C., **Dougherty, L.R.**, Rubin, K.H., & Chronis-Tucano, A. (2015, July). *Paternal Psychological Functioning, Parenting and Child Sleep Problems among Inhibited/Anxious Preschoolers*. Poster session presented at the annual meeting of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
60. Bufferd, S. J., **Dougherty, L. R.**, & Olino, T. M. (2015, July). Mapping the Frequency and Severity of Anxiety Behaviors in Preschool-Aged Children. Poster session presented at the annual meeting of the International Society for Research on Child and Adolescent Psychopathology, Portland, OR.
61. Kopala-Sibley, D.C., **Dougherty, L. R.**, Dyson, M., Laptook, R., Olino, T.M., & Klein, D.N. (2015, May). Early childhood cortisol reactivity moderates the effect of parenting on the development of children's temperament across childhood. Poster session presented at the annual meeting of the Association for Psychological Science, New York, NY.
62. Danzig, A. P., Klein, D. N., Bufferd, S. J., **Dougherty, L. R.**, & Carlson, G. A. (2015, March). What's Irritability Got To Do With It? Poster session presented at the 105th Annual Meeting of the American Psychopathological Association (APPA). New York, NY.
63. \*Merwin, S. M., \*Hare, M., Rose, S., & **Dougherty, L. R.** (2015, May). 'It takes two': The interaction between parenting and child temperament on parents' stress physiology. Poster

session presented at the annual meeting of the Association for Psychological Science, New York, NY.

64. \**Barrios, C., Klein, D. N., Bufferd, S. J., Lupton, R., & Dougherty, L. R.* (2015, May). Interaction between early parenting and children's cortisol reactivity at age three predicts increases in children's externalizing symptoms at age six. Poster session presented at the annual meeting of the Association for Psychological Science, New York, NY.
65. Bufferd, S. J., **Dougherty, L. R.**, & Olino, T.M. (2015, May). Mapping the frequency and severity of depressive behaviors in preschool-aged children. Poster session presented at the annual meeting of the Association for Psychological Science, New York, NY.
66. **Dougherty, L. R.**, Smith, V. C., Bufferd, S. J., Kessel, E. M. Carlson, G. A., & Klein, D. N. (2015, September). Disruptive mood dysregulation disorder at age six and clinical and functional outcomes three years later. Poster session to be presented at the 1<sup>st</sup> Congress on Pediatric Irritability and Dysregulation, Hosted by the University of Vermont, Burlington, VT.
67. Finsaas, M. C., Carlson, G. A., Danzig, A. P., **Dougherty, L. R.**, Bufferd, S. J., & Klein, D. N. (2015, September). Decomposing disruptive mood dysregulation disorder and severe mood dysregulation in a community sample. Poster session to be presented at the 1<sup>st</sup> Congress on Pediatric Irritability and Dysregulation, Hosted by the University of Vermont, Burlington, VT.
68. Carlson, G. A., Finsaas, M. C., Danzig, A. P., **Dougherty, L. R.**, Bufferd, S. J., & Klein, D. N. (2015, September). Decomposing disruptive mood dysregulation disorder and severe mood dysregulation in a clinic sample. Poster session to be presented at the 1<sup>st</sup> Congress on Pediatric Irritability and Dysregulation, Hosted by the University of Vermont, Burlington, VT.
69. Kessel, E., **Dougherty, L. R.**, Kujawa, A., Hajcak, G., Carlson, G., & Klein, D. (2015, September). Neurophysiological processing of emotion in children of mothers with a history of depression: The moderating role of preschool persistent irritability. Poster session to be presented at the 1<sup>st</sup> Congress on Pediatric Irritability and Dysregulation, Hosted by the University of Vermont, Burlington, VT.
70. Danzig, A. P., Dougherty, L. R., Carlson, G. A., & Klein, D. N. (2015, November). Implications of preschool-onset psychiatric symptoms for peer relationships in middle-childhood. Poster session to be presented at the 49th annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.

### ***Unrefereed Conference Proceedings***

1. **Dougherty, L. R.** (2011, August). *Child mental health problems: Incorporating development into our current psychiatric nosology*. Chair and Discussant, Symposium conducted at the American Psychological Association, Washington, DC.

2. **Dougherty, L. R.** (2011, August). *Veterans Affairs (VA) health care system: Psychosocial treatments*. Symposium Organizer, Symposium conducted at the American Psychological Association, Washington, DC.
3. **Dougherty, L. R.** (2012, May). *Organizational efforts to disseminate and implement empirically supported interventions in health care systems*. Chair, Symposium conducted at the Association for Psychological Science, Chicago, IL.

## GRANTS

### **Funded Grants**

#### ***Principal Investigator***

1. “Low Positive Emotionality and Hypothalamic-Pituitary Adrenal Axis Reactivity in Preschoolers”  
Principal Investigator: Lea R. Dougherty, M. A.  
Sponsor: Daniel N. Klein, Ph.D.  
Agency: National Institute of Mental Health  
Type: Ruth L. Kirschstein National Research Service Award (NRSA) FMH075484A  
Period: 09/05/2006-09/05/2007  
Total Costs: \$29,523  
Summary: The project examined whether low positive emotionality (PE), a possible temperamental precursor to depression, was associated with HPA axis functioning in children prior to the onset of a depressive disorder.
2. “Cortisol Awakening Response and Risk for Depression”  
Principal Investigator: Lea R. Dougherty, Ph.D.  
Agency: University of Maryland  
Type: College of Behavioral and Social Sciences Dean’s Research Initiative  
Period: 07/01/2011-07/01/2012 --No cost extension until 07/01/2013  
Total Costs: \$40,000  
Summary: The goal of this project was to investigate the cortisol awakening response as an early emerging vulnerability marker for depression risk.
3. “The Neural Basis of Cognitive Emotion Regulation in Children”  
Principal Investigator: Lea R. Dougherty, Ph.D. (Co-PI: Luiz Pessoa, Ph.D., University of Maryland)  
Agency: University of Maryland  
Type: Maryland Neuroimaging Center Seed Grant program  
Period: 07/01/2011-07/01/2012  
Total Costs: \$10,000  
Summary: The study developed and tested a developmentally-appropriate cognitive reappraisal neuroimaging task with six to ten year old children.

4. “The Effects of Early Life Experience on Brain Networks Supporting Memory During Early to Middle Childhood”  
Principal Investigator: Lea R. Dougherty, Ph.D. (Co-PI: Tracy Riggins, Ph.D., University of Maryland)  
Agency: National Science Foundation (NSF) in partnership with the University of Maryland  
Type: ADVANCE Program for Inclusive Excellence  
Period: 07/01/2012-07/01/2013 (No cost extension until 07/01/2014)  
Total Costs: \$20,000  
Summary: The project examined the role of early adverse experiences, defined as exposure to maternal depression during the first few years of life and observed maternal hostility during a parent-child interaction task, on children’s brain structure, the magnitude of functional connectivity of memory networks, and behavioral performance on memory tasks during middle childhood.
5. “The Effects of Early Life Experience on Brain Networks Supporting Memory During Early to Middle Childhood”  
Principal Investigator: Lea R. Dougherty, Ph.D. (Co-PI: Tracy Riggins, Ph.D., University of Maryland)  
Agency: University of Maryland College of Behavioral and Social Sciences Dean’s MRI Research Initiative RFP Program  
Period: 07/01/2013-07/01/2014  
Total Costs: \$45,000  
Summary: The project examined the role of early adverse experiences, defined as exposure to maternal depression during the first few years of life and observed maternal hostility during a parent-child interaction task, on children’s brain structure, the magnitude of functional connectivity of memory networks, and behavioral performance on memory tasks during middle childhood.
6. “Maternal Depression and Child Language Development”  
Principal Investigator: Lea R. Dougherty, Ph.D. (Co-PI: Nan Bernstein Ratner, Ph.D., University of Maryland)  
Agency: National Science Foundation (NSF) in partnership with the University of Maryland  
Type: ADVANCE Program for Inclusive Excellence  
Period: 07/01/2013-7/01/2014  
Total Costs: \$20,000  
Summary: The project examines the impact of maternal depression during children’s early language learning years (birth-5) on parent’s language interactions with the child, including the parents’ speech rate, prosody, verbal input and content, and children’s language skills.

### ***Co-Investigator***

1. “Multi-Method Early Intervention Program for Inhibited and Anxious Preschoolers”  
Principal Investigator: Andrea Chronis-Tuscano, Ph.D, University of Maryland (Co-PI: Kenneth Rubin, Ph.D., University of Maryland)  
Agency: National Institute of Mental Health

Type and Number: R34 MH083832-01A1

Period: 02/01/2010-11/30/2012 (No cost extension until 11/30/2013)

Total Costs: \$641,580

Summary: This project aims to develop, refine, and test a developmentally-grounded, multi-component early intervention program for inhibited/anxious preschoolers and their parents.

2. “Multi-Component Early Intervention for Socially Inhibited Preschool Children”  
Principal Investigator: Andrea Chronis-Tuscano, Ph.D., University of Maryland (Co-PI: Kenneth Rubin, Ph.D., University of Maryland)  
Agency: National Institute of Mental Health  
Type: R01 (R01 MH103253-01)  
Proposed Project Period: 12/01/2014-11/30/2019  
Total Costs: \$3,663,616  
Summary: The project proposes to conduct a full-scale randomized control trial on an integrated developmentally appropriate intervention (“The Turtle Program”) to reduce anxiety in behaviorally inhibited/anxious preschool-aged children, which will allow for an examination of mediators and moderators of treatment effects, a comparison of the treatment program to the best available treatment, and an evaluation of one-year treatment outcomes.

### ***Primary Mentor on Funded Student Grants***

1. “The Assessment of Negative Cognitive Styles in Preschoolers”  
Principal Investigator: Meghan Quinn, B. S.  
Agency: University of Maryland  
Type: Maryland Summer Research Scholar Program for Undergraduate Students  
Period: 05/25/2010-08/10/2010  
Total Costs: \$3,000  
Summary: The project developed and tested a coding system for identifying negative cognitive styles in preschool-aged children.
2. “Negative Cognitive Styles and Cortisol Reactivity in Preschoolers: Investigating Mechanisms of Risk for Depression”  
Principal Investigator: Meghan Quinn, B. S.  
Agency: Howard Hughes Medical Institute  
Type: Undergraduate Science Education Program Grant to the University of Maryland  
Period: 07/01/2010-05/31/2011  
Total Costs: \$5000  
Summary: The study investigated the associations between cognitive styles, including negative-self cognitions, and stress reactivity in preschool-aged children.
3. “Cortisol Awakening Response in Preschoolers and Depression Risk: Relations with Parental History of Depression and Child Temperament”  
Principal Investigator: Victoria C. Smith, M.A.  
Agency: University of Maryland Graduate Dean’s Dissertation Fellowship  
Type: Dissertation Award  
Period: 07/01/2014-07/01/2015

Total Costs: \$25,000

Summary: The project aims to provide fundamental evidence for the CAR as a biomarker for depression risk and elucidate developmental neuroendocrine pathways to depression.

4. “Cortisol Awakening Response in Preschoolers and Depression Risk: Relations with Parental History of Depression and Child Temperament”  
Principal Investigator: Victoria C. Smith, M.A.  
Agency: Ann G. Wylie Dissertation Fellowship  
Type: Dissertation Award  
Period: 07/01/2014-07/01/2015  
Total Costs: \$10,800 (Award was graciously declined due to conflict with Graduate Dean’s Dissertation Fellowship)  
Summary: The project aims to provide fundamental evidence for the CAR as a biomarker for depression risk and elucidate developmental neuroendocrine pathways to depression.
5. “Childhood Irritability: The Interactive Effects of Threat Bias and Effortful Control”  
Principal Investigator: Chelsey Barrios, B.A.  
Agency: National Science Foundation Graduate Research Fellowship  
Type: GRFP  
Period: 9/1/2015-9/1/2018  
Total Costs: \$132,000  
Summary: This project proposes to examine the relation between child attention bias towards threat and child irritability, characterized by low frustration tolerance and temper outbursts, and the moderating role of child effortful control in this relation.

### ***Project Mentor***

1. “Cortisol Reactivity and Observed Parenting Among Mothers of Children with ADHD”  
Principal Investigator: Sharon R. Thomas, M. A., University of Maryland  
Sponsor: Andrea Chronis-Tuscano, Ph.D., University of Maryland  
Agency: National Institute on Child Health and Development (NICHD)  
Type: Individual Minority National Research Service Award  
Period: 04/01/2013-03/31/2016  
Total Costs: \$128,451  
Summary: This study seeks to examine the relations between individual differences in maternal cortisol reactivity following a stressful task and observed parenting behavior in mothers of children with ADHD.
2. Title: “The Neurobiological Role of Stress Response in the Development of Executive Function and Academic Achievement in Low SES Children”  
Principle Investigator: Brandee L. Feola, B.S.  
Primary Mentor: Donald J. Bolder, University of Maryland  
Agency: National Institute of Drug Abuse  
Type: T32 Institutional Training Grant, Basic Science and Addictions Treatment T32 Research Training Program  
Proposed Project Period: 08/2014-08/2016 (Two years)

Total Costs: \$100,000 (The program includes: stipend equivalent to your level for a teaching assistant, full tuition remission, insurance reimbursements and \$1,000 for travel and research related expenses)

Summary: Goals of the student's training program are a) to investigate the relation between stress reactivity and executive function on subsequent outcomes of educational achievement in low socioeconomic status children and b) to identify the neural underpinnings of this association.

## **Pending Grants**

### ***Co-Investigator***

1. "Social Anxiety in Early Childhood: Alternate Pathways To Impairing Fear"  
Principal Investigator: Heidi Gazzelle, Ph.D., University of Melbourne  
Agency: Australian Research Council  
Type: Discovery Project (DP150100055)  
Proposed Project Period: 1/15/2015-1/14/2020  
Total Costs: \$2,144,661 Australian Dollar (\$2,003,327 USD)  
Summary: The goal of the proposed research is to investigate the development of social anxiety from toddlerhood through early middle childhood.

### ***Consultant***

1. "Preschool Internalizing Psychopathology: Behavioral Phenotypes and Stress Physiology"  
Principal Investigator: Sara J. Bufferd, Ph.D., California State University, San Marcos  
Agency: National Institute of Mental Health  
Type: Academic Research Enhancement Award (AREA; R15)  
Proposed Project Period: 04/01/2015-03-31/2018  
Total Costs: 300,000 (Direct Costs)  
Summary: The goal of this application is to establish a developmentally sensitive approach to distinguish early-emerging internalizing symptoms from normative behavior and to delineate the biological processes relevant to these phenotypes in a community sample of 3-5 year-old children.

## **FELLOWSHIPS, PRIZES, AND AWARDS**

<b>2014-2015</b>	University of Maryland Research and Support Award (RASA)
<b>2013</b>	Association for Psychological Science (APS) Janet Taylor Spence Award for Transformative Early Career Contributions
<b>2011</b>	University of Maryland Research and Support Award (RASA)
<b>2009</b>	American Psychopathological Association (APPA) Travel Award
<b>2005</b>	Society for a Science of Clinical Psychology Dissertation Grant Award

- 2005** Emeritus Faculty Dissertation Award, Stony Brook University
- 2004** Society for Research in Psychopathology (SRP) Smadar Levin Award, for Outstanding Graduate Student Research Presentation, St. Louis, MO
- 2001-2002** Stony Brook University Fellowship Award, Stony Brook University
- 2001** Undergraduate Psychology Research Award, University of Delaware
- 1999-2001** Research Fellowship, *Science and Engineering Research Scholar*, University of Delaware

**EDITORSHIPS, EDITORIAL BOARDS, AND REVIEWING ACTIVITIES FOR JOURNAL**

***Editor***

*Clinical Science, Newsletter for the Society for a Science of Clinical Psychology (SSCP)*, three issues per year, 2011-2013

***Editorial Board***

*Journal of Clinical Child and Adolescent Psychology*, 2014-2016  
*Assessment*, 2014-2016

***Ad-Hoc Reviewer***

*Assessment*  
*Biological Psychiatry*  
*Biological Psychology*  
*Child & Adolescent Mental Health*  
*Child Development*  
*Child Development Perspectives*  
*Clinical Psychology Review*  
*Cognition and Emotion*  
*Cognitive Therapy and Research*  
*Depression and Anxiety*  
*Development & Psychopathology*  
*Developmental Psychobiology*  
*Developmental Science*  
*Emotion*  
*International Journal of Behavioral Development*  
*Journal of Abnormal Child Psychology*  
*Journal of Abnormal Psychology*  
*Journal of Anxiety Disorders*

*Journal of Applied Developmental Psychology*  
*Journal of Clinical Child and Adolescent Psychology*  
*Journal of Child Psychology and Psychiatry*  
*Journal of Personality Assessment*  
*Journal of Psychopathology and Behavioral Assessment*  
*Journal of the American Academy of Child and Adolescent Psychiatry*  
*Pediatrics*  
*Personality Disorders: Theory, Research, and Treatment*  
*Psychiatry Research*  
*Psychological Medicine*  
*Psychoneuroendocrinology*  
*Progress in Neuro-Psychopharmacology & Biological Psychiatry*

### ***Other Activities***

Research has been featured in the following news outlets:

**Internet:** Dougherty, Klein, Rose, & Laptook (2011, *Psychological Science*) was featured on the following websites: [www.psychologicalscience.org](http://www.psychologicalscience.org); [www.foxnews.com](http://www.foxnews.com); [www.mdnews.com](http://www.mdnews.com); [www.mystressrelief.com](http://www.mystressrelief.com); [www.mhninc.org](http://www.mhninc.org); [www.allnurses.com](http://www.allnurses.com); [www.skyscape.com](http://www.skyscape.com).

**Newspapers:** *The New York Times*, Research featured in the article entitled, “Can Preschoolers Be Depressed?” <http://www.nytimes.com/2010/08/29/magazine/29preschool-t.html>

## **TEACHING**

### ***Undergraduate Teaching***

PSYC 330 (formerly PSYC 309B) Abnormal Child Psychology  
*Semesters Taught:* Spring 2010, Spring 2012, Spring 2013, Spring 2015  
*Enrollment:* 39-45 students/semester

PSYC 479 Independent Study  
*Semesters Taught:* Fall 2009, Spring 2010, Fall 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Fall 2014, Spring 2015  
*Enrollment:* 5-16 students/semester

### ***Graduate Teaching***

PSYC 622 Research Methods in Clinical Psychology  
*Semesters Taught:* Spring 2014  
*Enrollment:* 7 students

PSYC 623 Child Psychopathology  
*Semesters Taught:* Fall 2008, Fall 2010, Fall 2012  
*Enrollment:* 9-11 students/semester

PSYC 629 Clinical Supervision/Laboratory: Child/Adolescent and Adult

*Semesters Taught:* Spring 2009, Fall 2009, Fall 2013, Fall 2015

*Enrollment:* 4-5 clinical psychology graduate students/semester

### **MENTORING AND ADVISING: RESEARCH**

#### ***Undergraduate Mentoring***

- 2010-2011**                **Mentor**, (Student: Meghan Quinn) Maryland Summer Research Scholar, University of Maryland
- 2010-2011**                **Mentor**, (Student: Meghan Quinn) Howard Hughes Medical Institute Undergraduate Research Fellowship
- 2010-2012**                **Mentor**, (Student: Divya Kulshreshtha) Senior Research Project, University of Maryland
- 2014-2016**                **Mentor**, (Student: Samantha Jay) Senior Research Honors Project, University of Maryland

#### ***Undergraduate Honors Thesis Committee Member***

Ria Travers, *Chair*: Stacy Daughters, 2009  
 Elizabeth Sauber, *Chair*: Karen O'Brien, 2012  
 Jordana Zwerling, *Chair*: Tracy Riggins, 2013  
 Patty Kuo, *Chair*: Charles Gelso, 2014  
 Kelsey Woods, *Chair*: Andrea Chronis-Tuscano, 2013  
 Stephanie Goncalves, *Chair*: Carl Lejuez, 2014  
 Samantha Jay, *Chair*: Lea Dougherty, 2015

#### ***Post-Baccalaureate Mentoring***

- 2009-Present                **Mentor**, Primary Research Advisor (4 students: Victoria Smith, Caitlin Condit, Heather Clark, and Katherine Leppert); Victoria Smith and Katherine Leppert are currently clinical psychology doctoral graduate students at the University of Maryland; Caitlin Condit is currently a clinical psychology doctoral student at American University; and Heather Clark is currently pursuing a Master's degree in school psychology at Johns Hopkins University.

#### ***Master's Thesis Chaired***

Marissa R. Tolep, M.A., 2011  
 Title: Parental Depression and Cortisol Reactivity in Preschoolers

Victoria C. Smith, M.A., 2012

Title: Parental Compliance with Ambulatory Salivary Cortisol Sampling Protocols: Impact on Children's Cortisol Data

Stephanie M. Merwin, M.A., 2014

Title: Parenting and Parent Stress Physiology: The Moderating Role of Child Effortful Control

Sarah Blankenship, M.A., 2015

Title: Development of Hippocampal Functional Networks During Childhood

Co-Chaired with Tracy Riggins, Ph.D.

Phi Delta Gamma Award Recipient, \$1000

Chelsey Barrios, proposed 2015

Title: The Interaction Between Parenting and Children's Cortisol Reactivity at Age Three

Predicts Increases in Children's Internalizing and Externalizing Symptoms at Age Six

National Science Foundation Fellowship Recipient, 2015-2018

Katherine Leppert, proposed 2015

Title: Stability and change of cortisol reactivity to a laboratory stressor from early to middle childhood.

### ***Master's Thesis Committee Member***

Alexis Matusiewicz, *Chair*: Carl Lejeuz, 2010

Stephanie Lin Park, *Chair*: Jack Blanchard, 2010

Sarah Thomas, *Chair*: Andres De Los Reyes, 2011

Megan Graham, *Chair*: Tracy Riggins, 2011

Anne Banducci, *Chair*: Carl Lejeuz, 2012

Anahi Collado-Rodriguez, *Chair*: Carl Lejeuz, 2012

Anna Miller, *Chair*: Nan Bernstein Ratner, 2012

Heather Mazursky, *Chair*: Andrea Chronis-Tuscano, 2012

Sharon Thomas, *Chair*: Andrea Chronis-Tuscano, 2013

Melanie Lipton, *Chair*: Andres De Los Reyes, proposed 2013

Lauren Catalano, *Chair*: Jack Blanchard, proposed 2014

### ***Comprehensive Examination Chaired***

Sarah Blankenship, Neuroscience and Cognitive Science Program, *Chairs*: Lea R. Dougherty, Ph.D. and Tracy Riggins, Ph.D., 2014

### ***Comprehensive Examination Committee Member***

Laura J. Sherman, Developmental Area, *Chair*: Jude Cassidy, Ph.D., 2010

### ***Dissertations Chaired***

Marissa R. Tolep, M.A., Defended May 2014

Title: Preschool Psychopathology and Psychosocial Functioning: Physiological and Behavioral Susceptibility to the Early Environment

Clinical Psychology Internship: Mount Washington Pediatric Hospital, 08/2014-08/2015

Awards: Society for a Science of Clinical Psychology (SSCP) Student Poster Competition at the 2012 Association for Psychological Science (APS) Conference in Chicago, IL; University of Maryland Distinguished Teaching Assistant Award.

Victoria C. Smith, M.A., Defended April 2015

Title: Cortisol Awakening Response in Preschoolers and Depression Risk: Relations with Parental History of Depression and Child Temperament

Awards: Society for a Science of Clinical Psychology (SSCP) Student Poster Competition at the 2012 Association for Psychological Science (APS) Conference in Chicago, IL; Elected as Student Representative of the Society for a Science of Clinical Psychology (SSCP); University of Maryland Graduate Dean's Dissertation Fellowship; Ann G. Wylie Dissertation Fellowship; Honorable Mention BSOS All Star Fellowship; Exemplary Student Presentation Award in Pediatric Psychology selected by the Society for Pediatric Psychology (Division 54) American Psychological Association (APA).

### ***Dissertation Committee Member***

Christina Sadak, *Chair*: Barry Smith, 2011

Earta Norwood, *Chair*: Barry Smith, proposed 2011

Jessica Magidson, *Chair*: Carl Lejuez, 2012

Abigail Mintz, *Chair*: Andrea Chronis-Toscano, 2012

Alexis Matusiewicz, *Chair*: Carl Lejuez, proposed 2012

Stephanie Park, *Chair*: Jack Blanchard, 2013

Jingqing Liu, *Chair*: Clara Hill, 2013

Lauren K. White, *Chair*: Nathan Fox, 2013

Sharon Thomas, *Chair*: Andrea Chronis-Tuscano, 2015

Tsz-Yeung Harold Chui, *Chair*: Clara Hill, 2014

Anne Banducci, *Chair*: Carl Lejeuz, 2014

Marisa Franco, *Chair*: Karen O'Brien, 2015

Sarah Thomas, *Chair*: Andres De Los Reyes, 2015

Heather Mazursky, *Chair*: Andrea Chronis-Tuscano, proposed 2015

### **SERVICE**

#### ***Professional Service***

*Offices and committee memberships held in professional organizations.*

**2008**

**Chair/Editor, Society for a Science of Clinical Psychology (SSCP)  
Clinical Internship Directory,**

<http://sites.google.com/site/sscpwebsite/announcements/neweditionofthesscpinternshipdirectoryishere>

**2011**                    **Invited Program Chair**, *Society for a Science of Clinical Psychology (SSCP) Symposia at the American Psychological Association (APA) Conference (Washington, DC)*

*Reviewing activities for agencies.*

**2010-2013**            **Poster Session Judge**, *Society for a Science of Clinical Psychology (SSCP) Poster Session at the Association for Psychological Science (APS) Conference*

**2013-present**        **Grant Reviewer**, *Society for a Science of Clinical Psychology (SSCP) Clinical Scientist Training Grant Program*

**2013**                    **Reviewer**, 2013 Society for Research in Child Development (SRCD) Biennial Meeting, Symposium Submission Reviewer

### ***College and Departmental Service***

**2008-Present**        **Committee Member**, Clinical Training/Psychology Clinic Committee, University of Maryland.

**2009-Present**        **Mentor**, CIVICUS Capstone Internship Program Mentor, University of Maryland

**2012-2013**            **Committee Member**, Counseling Psychology Faculty Search Committee, University of Maryland

**2012-Present**        **Committee Member**, Neuroscience and Cognitive Science (NACS) Graduate Admissions Committee, University of Maryland

**2014**                    **Committee Member**, Psychology Department Merit Review Committee, University of Maryland

**2014-Present**        **Committee Member**, Graduate Student Education Committee, University of Maryland

**2015-Present**        **Committee Chair**, Faculty and Staff Development, University of Maryland