

University of Pittsburgh
School of Medicine

BIOGRAPHICAL

Name: Jennifer S. Silk, Ph.D.

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EDUCATION AND TRAINING

UNDERGRADUATE

1993-1997	University of Virginia, Charlottesville, VA	B.A., with highest distinction	Psychology, Advisor: E. Mavis Hetherington, Ph.D. Honor's Thesis: Differential treatment, sibling de- identification, and psychosocial adjustment in twins and non-twins.
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GRADUATE

1997-2002	Temple University, Philadelphia, PA	M.A. 2000, Ph.D. 2002	Clinical Psychology, Primary Advisor: Laurence D. Steinberg, Ph.D.; Clinical Advisor: Philip C. Kendall, Ph.D., ABPP Thesis: Emotion regulation in the daily lives of adolescents: Links to adolescent adjustment.
2001-2002	Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine, Pittsburgh, PA	Clinical Internship	Program Directors: Paul A. Pilkonis, Ph.D. and Marsha Marcus, Ph.D., Clinical Psychology

POSTGRADUATE

2002-2004	Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine, Pittsburgh, PA	Post- doctoral Scholar	Psychiatry/Psychology, Program Director: Paul A. Pilkonis, Ph.D. Mentors: Maria Kovacs, Ph.D. and Daniel S. Shaw, Ph.D
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APPOINTMENTS AND POSITIONS

ACADEMIC:

2005-present	Assistant Professor of Psychiatry, Department of Psychiatry, University of Pittsburgh School of Medicine
2006-present	Assistant Professor of Psychology, Department of Psychology, University of Pittsburgh, (Secondary Appointment)
2008-present	Core Training Faculty, Clinical Research Training in Child Psychiatry T32 Postdoctoral Training Program
2010-present	University of Pittsburgh Graduate Faculty
2011	Director, Developmental Affective Science Collective, University of Pittsburgh
2011	Associate Professor of Psychiatry and Psychology, Department of Psychiatry, University of Pittsburgh School of Medicine
2012	Faculty, Institute for Clinical Research Education Mentoring Network, University of Pittsburgh Clinical and Translational Science Institute (CTSI).

CERTIFICATION AND LICENSURE

PROFESSIONAL LICENSURE

Licensed Psychologist

License # PS016289

Commonwealth of Pennsylvania

2007 – present

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Organization

	<u>Year</u>
Association for Behavioral and Cognitive Therapies	1997-2001, 2007 - present
American Psychological Association, Division of Clinical Psychology (12)	1997-present
American Psychological Association	1997-present
Society for Research on Adolescence	1997-present
Society for Research in Child Development	1998-present
American Psychological Association, Division of Child and Adolescent Psychology (53)	2000-present

HONORS

Title of Award

	<u>Year</u>
Echols Scholars Honors Program, University of Virginia	1993-1997
Phi Beta Kappa, University of Virginia	1996
Catherine Underwood Scholarship for Social Service, University of Virginia	1996
Maury Pathfinder Prize for Outstanding Honor's Thesis in Psychology, University of Virginia	1997
Richman Memorial Scholarship, University of Virginia	1997
Distinguished Major in Psychology, Highest Distinction, University of Virginia	1997
University Fellowship, Temple University	1997-2001
Faculty Commendation for Excellence in Research, Academics, and Clinical Work, Temple University, Department of Psychology	1998
Georgoudi Award for Outstanding Doctoral Dissertation, Temple University, Department of Psychology	2002
National Institutes of Health Clinical Research Loan Repayment Program Recipient	2003
Wisconsin Symposium on Emotion Travel Award	2004
Society for Research on Adolescence, Hershel D. Thornburg Dissertation Award, 2 nd Place	2004
WPIC Research Day Poster Award	2005
NARSAD Young Investigator Award	2007
WPIC Young Investigator Lecturer	2008
Selected for Society of Research in Child Development "Lunch with Leaders" panel	2010, 2012
Gerald R. Klerman Award, Honorable Mention, Brain & Behavior Research Foundation (formerly NARSAD)	2011
Office of the National Coordinator for Health Information Technology, Behavioral Health Patient Empowerment Challenge Award Winner for SmartCAT app	2013

PUBLICATIONS

Refereed Articles

1. **Silk JS**, Nash S, Siegel GJ, Kendall PC. Conceptualizing mental disorders in children: Where have we been and where are we going? *Development & Psychopathology*. 2000 Autumn;12(4):713-35. PubMed PMID: 11202041.
2. Morris AS, **Silk JS**, Steinberg L, Sessa FM, Avenevoli S, Essex MJ. Temperamental vulnerability and negative parenting as interacting predictors of child adjustment. *Journal of Marriage and the Family*. 2000;64:461-471.
3. **Silk JS**, Morris AS, Kanaya T, Steinberg L. Psychological control and autonomy granting: Opposite ends of a continuum or distinct constructs? *Journal of Research on Adolescence*. 2003;13:113-128.
4. **Silk JS**, Steinberg L, Morris AS. Adolescents' emotion regulation in daily life: Links to depressive symptoms and problem behavior. *Child Development*. 2003 Nov-Dec;74(6):1869-80. PubMed PMID: 14669901.
5. **Silk JS**, Sessa FM, Morris AS, Steinberg L, Avenevoli S. Neighborhood cohesion as a buffer against hostile maternal parenting. *Journal of Family Psychology*. 2004 Mar;18(1):135-46. PubMed PCID: 14992616.
6. Forbes EE, Shaw DS, Fox NA, Cohn JF, **Silk JS**, Kovacs M. Maternal depression, child frontal asymmetry, and mother-child affective behavior as factors in child behavior problems. *Journal of Child Psychology and Psychiatry*. 2006 Jan;47(1):79-87. PubMed PMID: 16405644.
7. **Silk JS**, Shaw DS, Forbes EE, Lane T, Kovacs M. Maternal depression and child internalizing: the moderating role of child emotion regulation. *Journal of Clinical Child and Adolescent Psychology*. 2006 Feb;35(1):116-26. PubMed PMID: 16390307.
8. **Silk JS**, Shaw DS, Skuban E, Oland A, Kovacs M. Emotion regulation strategies in children of mothers with childhood-onset depression. *Journal of Child Psychology and Psychiatry*. 2006 Jan;47(1):69-78. PubMed PMID: 16405643.
9. Vendlinski M, **Silk JS**, Shaw DS, Lane TJ. Ethnic differences in relations between family process and child internalizing

- problems. *Journal of Child Psychology and Psychiatry*. 2006 Sep;47(9):960-9. PubMed PMID: 16930391.
10. Morris AS, **Silk JS**, Steinberg L, Myers SS, Robinson, LR. The role of the family context in the development of emotion regulation. *Social Development*. 2007 May 1;16(2):361-388. PubMed PMID: 19756175.
 11. **Silk JS**, Vanderbilt-Adriance E, Shaw DS, Forbes EE, Whalen DJ, Ryan ND, Dahl RE. Resilience among children and adolescents at risk for depression: Mediation and moderation across social and neurobiological contexts. *Development & Psychopathology*. 2007 Summer;19(3):841-65. PubMed PMID: 17705905.
 12. **Silk JS**, Dahl RE, Ryan ND, Forbes EE, Axelson DA, Birmaher B, Siegle GJ. Pupillary reactivity to emotional information in child and adolescent depression: Links to clinical and ecological measures. *American Journal of Psychiatry*. 2007 Dec;164(12):1873-80. PubMed PMID: 18056243.
 13. Forbes EF, Shaw DS, **Silk JS**, Cohn JF, Fox NA, Kovacs M. Children's affect expression and frontal EEG asymmetry: Transactional associations with mothers' depressive symptoms. *Journal of Abnormal Child Psychology*. 2008 Feb;36(2):207-21. PubMed PMID: 17851752.
 14. Feng X, Shaw DS, **Silk JS**. Developmental trajectories of anxiety symptoms among boys across early and middle childhood. *Journal of Abnormal Psychology*. 2008 Feb;117(1):32-47. PubMed PMID: 18266484.
 15. Whalen DJ, **Silk JS**, Semel M, Forbes EE, Ryan ND, Axelson DA, Birmaher B, Dahl RE. Caffeine consumption and sleep in the natural environments of depressed youth and healthy controls. *Journal of Pediatric Psychology*. 2008 May;33(4):358-67. PubMed PMID: 17947257.
 16. Santucci A, **Silk JS**, Shaw DS, Gentzler A, Fox NA, Kovacs M. Vagal tone and temperament as predictors of emotion regulation strategies in young children. *Developmental Psychobiology*. 2008 Apr;50(3):205-16. PubMed PMID: 18335488.
 17. Dietz LJ, Birmaher B, Williamson DE, **Silk JS**, Dahl RE, Axelson DA, Ehmann M, Ryan ND. Mother-child interactions in depressed children and children at high risk and low risk for future depression. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2008 May;47(5):574-82. PubMed PMID: 18356760.
 18. Carpentier FD, Brown J, Bertocci M, **Silk JS**, Forbes EE, Dahl RE. Sad kids, sad media: Applying mood management theory to depressed adolescents' use of media. *Media Psychology*. 2008 Jan 1;11(1):143-166. PubMed PMID: 19768135.
 19. **Silk JS**, Siegle GJ, Whalen DJ, Ostapenko L, Ladouceur CD, Dahl RE. Pubertal changes in emotional information processing: pupillary, behavioral, and subjective evidence during emotional word identification. *Development & Psychopathology*. 2009 Winter;21(1):7-26. Pub Med PMID: 19144220.
 20. **Silk JS**, Ziegler ML, Whalen DJ, Dahl RE, Ryan ND, Dietz LJ, Birmaher B, Axelson DA, Williamson DE. Expressed emotion in mothers of currently depressed, remitted, high-risk, and low-risk youth: links to child depression status and longitudinal course. *Journal of Clinical Child and Adolescent Psychology*. 2009 Jan;38(1):36-47. PubMed PMID: 19130356.
 21. Forbes EE, Hariri AR, Martin SL, **Silk JS**, Moyles DL, Fisher PM, Brown SM, Ryan ND, Birmaher B, Axelson DA, Dahl, RE. Altered striatal activation predicting real-world positive affect in adolescent major depressive disorder. *American Journal of Psychiatry*. 2009 Jan;166(1):64-73. PubMed PMID: 19047324.
 22. Rofey DL, Kolko RP, Iosif A, **Silk JS**, Bost JE, Feng W, Szigethy EM, Noll RB, Ryan ND, Dahl RE. A Longitudinal study of childhood depression and anxiety in relation to weight gain. *Child Psychiatry and Human Development*. 2009 Dec;40(4):517-26. PubMed PMID: 19404733.
 23. Ladouceur CD, **Silk JS**, Dahl RE, Kronhaus D, Ostapenko L, Phillips ML. Fearful faces influence attentional control processes in anxious youth and adults. *Emotion*. 2009 Dec;9(6):855-64. PubMed PMID: 20001128.
 24. Morris AS, **Silk JS**, Steinberg L, Terranova A, Kithakye M. Concurrent and longitudinal links between children's externalizing behavior in school and observed anger regulation in the mother-child dyad. *Journal of Psychopathology and Behavioral Assessment*. 2010 March;32(1):48-56.
 25. Rofey DL, Hull E, **Silk JS**, Ryan ND, Dahl RE, Utilizing ecological momentary assessment in pediatric obesity to quantify behavior, emotion, and sleep. *Obesity*. 2010 Jun;18(6):1270-2. PMID: 20019675.
 26. Dahl RE, **Silk JS**, Siegle GJ. Physiological measures of emotion dysregulation: Investigating the development of affective disorders. *Monographs of the Society for Research in Child Development*. 2012 June; 77(2): 69-78.
 27. Forbes EE, Phillips ML, **Silk JS**, Ryan ND, Dahl RE. Neural systems of threat processing in adolescents: Role of pubertal maturation and relation to measures of negative affect. *Developmental Neuropsychology*. 2011 May; 36(4): 429-452. PMID: 21516542.
 28. Schlund MW, Siegle GJ, Ladouceur CD, **Silk JS**, Cataldo MF, Forbes EE, Dahl RE, Ryan ND. Nothing to fear? Neural systems supporting avoidance behavior in healthy youths. *NeuroImage*. 2010 Aug 15;52(2):710-9. PMID: 20430103.
 29. Morris AS, **Silk JS**, Morris, MS, Steinberg, L, Aucoin, KJ, Keyes, AW. The influence of mother-child emotion regulation strategy use on children's expression of anger and sadness. *Developmental Psychology*. 2011 Jan; 47(1): 213-225. PMID: 21244160.
 30. **Silk JS**, Forbes EE, Whalen DJ, Jakubcak JL, Thompson WK, Ryan ND, Axelson DA, Birmaher B, Dahl RE. Daily

- emotional dynamics in depressed youth: A Cell-phone ecological momentary assessment study. *Journal of Experimental Child Psychology*. 2011 Oct;110(2):241–257. PMID: 21112595.
31. Jones NP, Siegle GJ, Proud L, **Silk JS**, Hardy D, Keljo DJ, Dahl RE, Szigethy E. The Impact of inflammatory bowel disease and high dose steroid exposure on pupillary responses to negative information in pediatric depression. *Psychosomatic Medicine*. 2011 Feb-Mar; 73(2): 151-157. PMID: 21217099.
 32. Primack BA, **Silk JS**, DeLozier CR, Shadel WG, Dillman Carpentier FR, Dahl RE, Switzer GE. Using ecological momentary assessment to determine media use of depressed and non-depressed individuals. *Archives of Pediatric Adolescent Medicine*. 2011 April; 165(4): 360-365. PMID: 21464384.
 33. **Silk JS**, Shaw DS, Prout JT, O’Rourke F, Lane, TJ & Kovacs M. Socialization of emotion and offspring internalizing symptoms in mothers with childhood-onset depression. *Journal of Applied Developmental Psychology*. 2011 May; 32(3): 127-136. PMID: 21607196.
 34. Cousins JC, Whalen DJ, Dahl RE, Forbes EE, Olin T, Ryan ND, & **Silk JS**. The Bi-directional association between daytime affect and nighttime sleep in youth with anxiety and depression. *Journal of Pediatric Psychology*. 2011 October; 36(9): 969–979. PMID: 21795377.
 35. Schlund MW, Cataldo MF, Siegle GJ, Ladouceur CD, **Silk JS**, Forbes EE, Dahl RE, & Ryan ND. Pediatric functional magnetic resonance neuroimaging: A conceptual framework and tactics for encouraging task compliance. *Behavioral and Brain Functions*. 2011 May; 7: 10. PMID: 21548928.
 36. Olin TM, McMakin DL, Dahl RE, Ryan RE, **Silk JS**, Birmaher B, Axelson DA, & Forbes EE. “I won, but I’m not getting my hopes up”: Depression moderates the relationship outcomes and reward anticipation. *Psychiatry Research: Neuroimaging*. 2011 December; 194 (3): 393-5. PMID: 22079656.
 37. McMakin D.L., Burkhouse K., Olin T.M., Siegle G.J., Dahl R.E., & **Silk J.S.** Affective functioning among early adolescents at high and low familial risk for depression and their mothers: A focus on individual and transactional processes across contexts. *Journal of Abnormal Child Psychology*. 2011 November; 39:1213-1225. PMID: 21744058
 38. **Silk JS**, Stroud LR, Siegle, GJ, Dahl, RE, Lee, KH, & Nelson, EE. Peer acceptance and rejection through the eyes of youth: Pupillary, eyetracking, and ecological data from the Chatroom Interact Task. *Social Cognitive and Affective Neuroscience*. 2012 January; 7(1): 93-105. PMID: 21775386.
 39. Tan PZ, Forbes EE, Dahl RE, Ryan ND, Siegle GJ, Ladouceur CD, **Silk JS**. Emotional reactivity and regulation in anxious and non-anxious youth: a cell-phone ecological momentary assessment study. *Journal of Child Psychology & Psychiatry*. 2012 February; 53(2): 197-206. PMID: 22176136.
 40. Forbes EE, Stepp SD, Dahl RE, Ryan ND, Whalen D, Axelson DA, Birmaher B, **Silk JS**. Real-world affect and social context as predictors of treatment response in child and adolescent depression and anxiety: an Ecological Momentary Assessment study. *Journal of Adolescent Psychopharmacology*. 2012 February; 22(1): 37-47. PMID: 22339611.
 41. **Silk JS**, Davis S, McMakin DL, Dahl RE, Forbes EE. Why do anxious children become depressed teenagers?: The role of social evaluative threat and reward processing. *Psychological Medicine*. 2012 October; 42(10): 2095-2107. PMID: 22340187.
 42. Hasler BP, Dahl RE, Holm SM, Jakubcak JL, Ryan ND, **Silk JS**, Phillips ML, Forbes EE. Weekend-weekday advances in sleep timing are associated with altered reward-related brain function in healthy adolescents. *Biological Psychology*. 2012 Dec; 91(3):334-41. PMID: 22960270.
 43. Conner OL, Siegle GJ, McFarland AM, **Silk JS**, Ladouceur CD, Dahl RE, Coan JA, Ryan ND. Mom – it helps when you’re right here! Attenuation of neural stress markers in anxious youths whose caregivers are present during fMRI. *PLoS One*. 2012;7(12).. PMID: 23236383
 44. Price RB, Siegle GJ, **Silk JS**, Ladouceur C, McFarland A, Dahl RE, Ryan ND. Sustained neural alterations in anxious youth performing an attentional bias task: A pupillometry study. *Depression and Anxiety*. 2013 Jan; 30(1):22-30. PMID: 22700457.
 45. **Silk JS**, Sheeber L, Tan PZ, Ladouceur CD, Forbes EE, McMakin DL, Dahl RE, Siegle GJ, Kendall PC, Mannarino A, Ryan ND. “You can do it!”: The role of parental encouragement to approach fears in child anxiety treatment. *Journal of Anxiety Disorders*. 2013 June; 27(5):439-446.
 46. Pramana I, Parmanto B, Kendall PC, & **Silk JS**. The SmartCAT: An mHealth platform for Ecological Momentary Intervention in child anxiety treatment. *Telemedicine and e-Health*. In press.
 47. **Silk JS**, Nelson E, Dahl RE, Stroud L, Lee KH, Siegle GJ. Increased neural response to peer rejection in adolescents with major depressive disorder. *Social Cognitive and Affective Neuroscience*. In press.
 48. Criss MM, Lee TK, Morris AS, Cui L, Bosler CD, Shreffler KM, & **Silk JS** (in press). Link between monitoring behavior and adolescent adjustment: An analysis of direct and indirect effects. *Journal of Child and Family Studies*.

Reviews and Book Chapters

1. Kendall PC, **Silk JS**, Chu BC. Introducing your research report: Writing the introduction. In: RJ Sternberg, editor, *Writing Articles for Publication in Psychology Journals: A Handbook*. New York: Cambridge University Press; 2000.
2. Morris AS, Steinberg L, Sessa FM, Avenevoli S, **Silk JS**, Essex MJ. Measuring children's perceptions of psychological control: Developmental and conceptual considerations. In: BK Barber, editor, *Intrusive parenting: How psychological control affects children and adolescents*. Washington, DC: American Psychological Association; 2002; p. 125-59.
3. Steinberg L & **Silk JS**. Parenting adolescents. In: MH Bornstein, editor, *Handbook of parenting: Vol. 1: Children and parenting*. 2nd edn. Mahwah, NJ: Lawrence Erlbaum Associates; 2002; p.103-33.
4. Forbes EE, **Silk JS**, Dahl RE. Neurobiological processes in depressive disorders: Links with adolescent brain development. In: NB Allen; L Sheeber, editors, *Adolescent emotional development and the emergence of depressive disorders*. Cambridge: Cambridge University Press; 2008.
5. **Silk JS**, Steinberg L. Adolescence and Emotion. In: D Sander; K Scherer, editors, *Oxford Companion to the Affective Sciences*. Oxford University Press; 2009.
6. Siegle GJ, Forbes EE, **Silk JS**. Positive affect systems in depression: the road less traveled. In Gruber, J. & Moskowitz, J. (Eds.). *Positive Emotion: Integrating The Light and Dark Sides*. Oxford University Press. In press
7. Monahan K, Guyer A, **Silk JS**, Fitzwater T, Steinberg LD . in press. Integration of developmental neuroscience and contextual approaches to the study of adolescent psychopathology. In: D. Cicchetti, editor, *Developmental Psychopathology*, 3rd Edition. Wiley Press: In press.

Conference Presentations/Published Abstracts

1. **Silk JS**, Hetherington EM. When siblings differ: Differential parental treatment, sibling deidentification, and psychosocial adjustment in twins and non-twins. Poster presented at the Biennial Meeting of the Society for Research on Adolescence. San Diego, CA; 1998.
2. **Silk JS**. Do never-married and married moms differ in parenting: An observational study. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Albuquerque, NM; 1999.
3. **Silk JS**, Clinedinst M. Behavior problems and perceived peer acceptance: The amplifying effects of children's reports of maternal hostility. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Albuquerque, NM; 1999.
4. Morris AS, **Silk JS**. Parental influences on children's regulation of anger and sadness. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis. MN; 2000.
5. **Silk JS**, Doyle J, Aabromowitz A. Anger regulation and externalizing behavior in the classroom: concurrent and longitudinal links. Poster presented at the Biennial meeting of the Society for Research in Child Development. Minneapolis, MN; 2000.
6. Morris AS, Kanaya T, **Silk JS**. Links between parenting, self-concept, and academic achievement. Poster presented at the Biennial meeting of the Society for Research on Adolescence. Chicago, IL; 2000.
7. **Silk JS**, Morris AS. Differentiating psychological control and autonomy granting: Opposite ends of a continuum or distinct constructs? Poster presented at the Biennial Meeting of the Society for Research on Adolescence. Chicago, IL; 2000.
8. **Silk JS**, Sessa FM, Morris AS, Woods L, Doyle J. Buffering effects of neighborhood on children's mental health. Poster presented at the annual meeting of the American Psychological Association. Washington, DC; 2000.
9. Robin J, Garcia AM, **Silk JS**. Emotion regulation and maternal psychopathology. Poster presented at the annual meeting of the Association for the Advancement of Behavior Therapy. Philadelphia, PA; 2001.
10. Keys LL, **Silk JS***, Gutshall L, Underkoffler D, Salama N, Vergel A, Whitehead J. Romantic preoccupation and the development of psychopathology in adolescence. Poster presented at the Biennial Meeting of the Society for Research on Adolescence. New Orleans, LA; 2002.
11. **Silk JS**. Affect regulation in daily life: Links to adolescent adjustment. Paper presented at the Biennial Meeting of the Society for Research on Adolescence. New Orleans, LA; 2002.
12. **Silk JS**, Shaw DS, Huffman DG, Skuban EM, Beck JE, Ware MJ. Maternal depression and the development of children's emotion regulation. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Tampa, FL; 2003.
13. Siegle GJ, **Silk JS**, Forbes EF, Steinhauer SR, Dahl RE, Carter CS, Thase ME. Sustained pupil dilation to emotional information in depression: Developmental and mechanistic considerations. Paper presented at the Annual Meeting of the Society for Psychophysiological Research, Santa Fe, NM; 2004.
14. Forbes EE, Shaw DS, Fox NA, Cohn JF, **Silk JS**. Maternal depression, child frontal EEG asymmetry, and mother-child affective behavior as factors in child behavior problems. Paper presented at the Annual Meeting of the Society for Psychophysiological Research. Santa Fe, NM; 2004.

15. **Silk JS**, Siegle GJ, Dahl RE. Pupil dilation to emotional words in pediatric affective disorder. Poster presented at the Annual Meeting of the Society for Psychophysiological Research. Santa Fe, NM; 2004.
16. Santucci AK, **Silk JS**, Shaw DS, Fox NA, Cohn JF, Kovacs M. Vagal tone and emotional reactivity as predictors of emotion regulation strategies in offspring of childhood-onset depressed mothers. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Atlanta, GA; 2005.
17. **Silk JS**, Shaw DS, Lane TJ, Unikel E, Kovacs M. Response to emotion and child adjustment in children of depressed parents. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Atlanta, GA.
18. **Silk JS**, Shaw DS, Lane TJ, Nicholas A, Kovacs M. Emotion regulatory style as a moderator of the link between maternal depression and child internalizing problems. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Atlanta, GA; 2005.
19. Vendlinski M, **Silk JS**, Criss M, Shaw DS, Lane T. Ethnic differences in relations between family process and child internalizing problems. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Atlanta, GA; 2005.
20. Nichols SR, **Silk JS**, Alarcon J. Child emotionality and marital conflict as moderators of the link between mother-son relationship and internalizing symptoms. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Atlanta, GA; 2005.
21. **Silk JS**, Siegle GJ, Dahl RE. Pupil dilation as a measure of emotional reactivity in pediatric affective disorder. Poster presented at the Annual Western Psychiatric Institute and Clinic Research Day. Pittsburgh, PA; 2005. *Poster Award Winner*.
22. **Silk JS**, Siegle GJ, Dahl RE. Pupil dilation as a measure of emotional reactivity in pediatric affective disorder. Poster presented at the 26th Annual Pupil Colloquium. Bear Mountain, New York; 2005.
23. O'Rourke FE, **Silk JS**, Shaw DS, Lane TJ. Maternal childhood-onset depression and adolescent emotion regulation responses to peer conflict vignettes. Poster presented at the Biennial Meeting of the Society for Research on Adolescence. San Francisco, CA; 2006.
24. **Silk JS**, Siegle GJ, Dahl RE. Pupil dilation as a measure of emotional processing in child and adolescent depression. Paper presented at the Biennial Meeting of the Society for Research on Adolescence. San Francisco, CA; 2006.
25. Forbes EE, **Silk JS**, Axelson DA, Bertocci M, Ryan ND, Dahl RE. Positive affect in children and adolescents with major depressive disorder: An experience sampling approach. Poster presented at the Annual Meeting of the Society of Biological Psychiatry. Toronto, ON; 2006.
26. Whalen DJ, Semel ME, **Silk JS**, Joyce EM, Bertocci MA, Dahl RE. Caffeine use and sleep in children and adolescents. Poster presented at the University of Pittsburgh Graduate Student Expo. Pittsburgh, PA; 2007.
27. Clegg MC, **Silk JS**, Shaw DS, Lane TJ, Graves AG. Emotion regulation strategies and problem behavior in preschool-age children of mothers with childhood-onset depression. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Boston, MA; 2007.
28. Forbes EE, Shaw DS, George, CJ, Lane TJ, **Silk JS**, Fox NA. Frontal EEG asymmetry, child affective behavior, and mother affective behavior: Contributions to children's internalizing problems. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Boston, MA; 2007.
29. Semel ME, Ainsman MB, **Silk JS**, Ladoceur CD, Kirk A. Parental socialization of emotion and relations to emotional processing biases in children. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Boston, MA; 2007.
30. Prout JT, Whalen DJ, **Silk JS**, Dahl RE. Pubertal development influences social context. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Boston, MA; 2007.
31. **Silk JS**, Forbes EE, Whalen DJ, Dahl RE. Daily emotional and social experience in child and adolescent depression: an Ecological momentary assessment study. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Boston, MA; 2007.
32. Whalen DJ, Semel ME, **Silk JS**, Joyce EM, Bertocci MA, Dahl RE. Caffeine use and sleep in children and adolescents. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Boston, MA; 2007.
33. Siegle GJ, **Silk JS**, Dahl RE, Ryan N, Birmaher B, Axelson D, Hariri AR. Subgenual cingulate activity is linked to problems in emotion regulation in the daily lives of adolescents with depression and anxiety. Paper presented at the Meeting of the Society of Biological Psychiatry. San Diego, CA; 2007.
34. Bertocci M, **Silk JS**, Forbes EE, Carpentier F, Klein RD, Dahl RE. Media use in children and adolescents with and without psychopathology. Poster presented at the American Psychological Association 115th Annual Convention. San Francisco, CA; 2007.
35. Szigethy E, Siegle GJ, **Silk JS**, Hardy D, Blazin L, Frazer L, Dahl RE. Neurobiological effects of steroids in youth with inflammatory bowel disease. Paper presented at the Meeting of the American Academy of Child and Adolescent

- Psychiatry (AACAP). Boston, MA; 2007.
36. Morris AS, Kithakye MS, **Silk JS**, Morris MD, John A. Socialization of emotion regulation: Theoretical model and supporting data. Poster presented at the Annual Conference for the National Council on Family Relations. Pittsburgh, PA; 2007.
 37. Szigethy EM, Siegle GS, **Silk JS**, Hardy D, Blazin L, Frazer L, Keljo D, Dahl RE. Neurobiological effects of steroids on youth with inflammatory bowel disease. Crohn's and Colitis Foundation Annual Meeting. Hollywood, FL; 2007.
 38. Forbes EE, Hariri AR, Martin SL, Brown SM, Fisher PM, **Silk JS**, Ryan ND, Dahl RE. Brain activation to reward predicting real-world positive affect is altered in early-onset major depressive disorder. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology. Boca Raton, FL; 2007.
 39. Ladouceur CD, **Silk JS**, Ostapenko L, Dahl RE, Kronhaus D, Phillips ML. Emotional facial expressions influence performance on a working memory task: A developmental study. Paper presented at the 12th Biennial Meeting of the Society for Research on Adolescence. Chicago, IL; 2008.
 40. **Silk JS**, Siegle GJ, Dahl RE, Ryan ND, Forbes EE, Fisher PM, Williamson DE, Birmaher B, Axelson DA, Hariri AR. From scanners to cell-phones: fMRI brain activity is linked to ecological momentary assessment of emotion in adolescent daily life. Paper presented at the 12th Biennial Meeting of the Society for Research on Adolescence. Chicago, IL; 2008.
 41. Prout JT, **Silk JS**, Whalen DJ, Dahl RE, Birmaher B, Axelson DA. Parental expressed emotion and anxiety disorders in youth. Paper presented at the Biennial Meeting of the Society for Research on Adolescence. Chicago, IL; 2008.
 42. Szigethy E, Siegle GJ, **Silk JS**, Stocco A, Blazin L, Dahl RE. Brain activity in youth with active IBD and depression. Paper presented at the Fourth Annual NIH Director's Pioneer Award Symposium. Bethesda, MD; 2008.
 43. Siegle GJ, Jones N, Mandell D, Lee KH, **Silk JS**, Thase ME. Using affective neuroscience to personalize treatment for unipolar depression: Intersections with social and personality psychology. Meeting of the Society for Personality and Social Psychology, Emotion Preconference. February, Tampa, FL; 2009.
 44. Whalen DJ, **Silk JS**, Dahl RE. Pupillary reactivity to emotional faces in adolescents at high- risk for depression. Poster presented at the Wisconsin Symposium on Emotion. Madison, WI; 2009.
 45. Westbrook C, **Silk JS**. Mindfulness in adolescents at risk for depression: Links to depressive and anxious symptomatology. Poster presented at the Society for Research in Child Development Biennial Meeting. Denver, CO; 2009.
 46. Szigethy E, Jones NP, **Silk JS**, Richardson A, Kirshner MA, Siegle GJ. Brain processing of illness perception in depressed adolescents with Inflammatory Bowel Disease (IBD). Paper presented at the Fifth Annual NIH Director's Pioneer Award Symposium. Bethesda, MD; 2009.
 47. **Silk JS**, Dahl RE, Siegle GJ. Pupil dilation to affective words as a marker of risk for early onset depression. Paper presented at the 28th International Colloquium on the Pupil. Pittsburgh, PA; 2009.
 48. Siegle GJ, **Silk JS**, Joyce EM, Burkhouse KL, Dahl RE. Seeing eye to eye: First examinations of concurrent pupillary reactivity during mother-child interactions. Paper presented at the 28th International Colloquium on the Pupil. Pittsburgh, PA; 2009.
 49. Ichikawa N, **Silk JS**, Ladouceur C, Dahl RE, Ryan NS, Siegle GJ. Pupil dilation as an index of reactivity to errors in early adolescence. Paper presented at the 28th International Colloquium on the Pupil. Pittsburgh, PA; 2009.
 50. Horner MS, Siegle GJ, **Silk JS**, Szigethy E, Ichikawa N, Forbes EE. Assessment of sustained positive affect in depression through the lifespan. Paper presented at the 56th Annual Meeting of the American Academy of Child & Adolescent Psychiatry. Honolulu, Hawaii; 2009.
 51. Whalen D, **Silk JS**, Dahl R. Pupillary reactivity to emotional faces in adolescents at high risk for depression. Paper presented at the 43rd Annual Convention of the Association for Behavioral and Cognitive Therapies. New York City, NY; 2009.
 52. Siegle GJ, **Silk JS**, Forbes EE, Carter CS, Friedman ES, Thase ME, Dahl R, Ryan ND. Functional neuroimaging predictors of treatment response for depression through the lifespan. Paper presented at the 43rd Annual Convention of the Association for Behavioral and Cognitive Therapies. New York City, NY; 2009.
 53. **Silk JS**, Stepp SD, Forbes EE, Whalen D, Jakubcak JL, Ryan ND, Dahl R. Real-world social and emotional predictors of treatment response for youth anxiety and depression: an Ecological momentary assessment study. Paper presented at the 43rd Annual Convention of the Association for Behavioral and Cognitive Therapies. New York City, NY; 2009.
 54. **Silk JS**. Discussant. In E. McGlinchey & A. Harvey (Chairs): Adolescence, Emotion, and Psychopathology. 43rd Annual Convention of the Association for Behavioral and Cognitive Therapies. New York City, NY; 2009.
 55. Whalen D, **Silk JS**, Dahl R. The effect of maternal borderline personality disorder on maternal emotion socialization and adolescent emotional vulnerability. Poster presented at the 2010 Biennial Meeting of the Society for Research on Adolescence. Philadelphia, Pennsylvania; 2010.
 56. Burkhouse K, McMakin D, **Silk JS**. Mother-child interactions among adolescents and their mothers with and without

- a history of depression. Poster presented at the 2010 Biennial Meeting of the Society for Research on Adolescence. Philadelphia, Pennsylvania; 2010.
57. **Silk JS**, Davis S, Hedges S. Predictors of increases in rumination during adolescence in youth at high-risk for depression. Paper presented at the 2010 Biennial Meeting of the Society for Research on Adolescence. Philadelphia, Pennsylvania; 2010.
 58. Westbrook C, Whalen D, **Silk JS**. Trait mindfulness and maternal emotion socialization in adolescents. Poster presented at the 2010 Biennial Meeting of the Society for Research on Adolescence. Philadelphia, Pennsylvania; 2010.
 59. **Silk JS**, Whalen D, Forbes E, Ryan N, Dahl R. An ecological momentary assessment study of emotional dynamics in early and late pubertal depression. Paper presented at the 2010 Biennial Meeting of the Society for Research on Adolescence. Philadelphia, Pennsylvania; 2010.
 60. Cousins JC, Whalen DJ, Olino T, Forbes E, Ryan ND, Dahl RE, & **Silk JS**. The association with daytime mood and that night's sleep in children and adolescents with and without mood disorders. Poster presented at the Association for Psychological Science Annual Convention, Boston, MA; 2010.
 61. Rofey DL, Blake RG, **Silk JS**, Loughran MJ, Ryan ND, Dahl RE. Impact of physical activity on mood for obese girls: An Ecological Momentary Assessment study. Poster presented at the 2010 Obesity Society's Annual Scientific Meeting. San Diego, California; 2010.
 62. Primack BA, **Silk JS**, DeLozier CR, Shadel WG, Carpentier FRD, Dahl RE, Switzer GE. Investigating associations between media use and depression using ecological momentary assessment. Poster presentation. Society for Behavioral Medicine Annual Meeting. Washington, DC; 2010.
 63. McMakin DL, **Silk JS**, Siegle GJ, Dahl RE. Activating and sustaining positive affect in adolescent depression: A new module based on affective neuroscience. Association for Behavioral and Cognitive Therapies, San Francisco, CA; 2010.
 64. Siegle GJ, **Silk JS**, Friedman E, Thase M. Is more because of less? Brain mechanisms of decreased pupillary reactivity in depression. In. N. Patten & J. Thayer, Looking Up and Down the Brain: Is the Heart Forever Making the Head its Fool? Symposium at the meeting of the Society for Psychophysiological Research, Portland, OR; 2010
 65. Siegle GJ, **Silk JS**, Burkhouse K, Joyce E, Dahl RE. Seeing eye to eye: Concurrent pupillary reactivity during mother-child interactions. Paper presented at the meeting of the Society for Psychophysiological Research, Portland, OR; 2010.
 66. Szigethy EM, Jones NP, **Silk JS**, Benhayon D, Kirshner MA, Newara M, Brickell E, Lee KH, Siegle GJ. Emotion processing in depressed adolescents with Inflammatory Bowel Disease (IBD) pre and post psychotherapy. Poster presented at the 2010 NIH Pioneer Award Symposium, Bethesda, MD; 2010.
 67. Olino TM, McMakin DL, Dahl RE, Ryan ND, **Silk JS**, Birmaher B, Axelson, D.. Altered reward anticipation in youth at-risk for depression following winning, losing, and neutral outcomes. Poster presented at the annual meeting of the Society of Biological Psychiatry, New Orleans, LA; 2010.
 68. Conner O, McFarland A, Ichikawa N, **Silk JS**, Ladouceur C, Ryan, N, Siegle, G. Mom – it helps when you're right here! Attenuation of neural stress markers in anxious adolescents whose caregivers are present during fMRI. Poster presented at the Annual Meeting of the Anxiety Disorders Association of America. New Orleans, LA; 2011.
 69. Siegle GJ, McFarland A, Ichikawa N, Ladouceur C, **Silk JS**, Dahl RE, Ryan N. Prediction of response to CBT for adolescent anxiety using fMRI. Poster presented at the Annual Meeting of the Anxiety Disorders Association of America. New Orleans, LA; 2011.
 70. Mandell DL, Ichikawa N, McFarland AM, **Silk JS**, Ladouceur CD, Ryan ND, Siegle GJ. Neural correlates of somatic symptomatology in anxious youth. Poster presented at the Annual Meeting of the Anxiety Disorders Association of America. New Orleans, LA; 2011. *Winner of ADAA Student Poster Award.*
 71. Tan PZ, Dahl RE, Forbes EE, Ryan ND, Siegle GJ, **Silk JS**. Comparing the flexibility of ER responses among anxious and non-anxious youth. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Montreal, Canada; 2011.
 72. Davis S, **Silk JS**. Depressive symptoms in a high-risk sample of youth: Exploring the joint effects of negative affect and effortful control. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Montreal, Canada; 2011.
 73. Olino TM, McMakin DL, Nicely TA, Forbes EE, **Silk JS**, Dahl RE. Affective displays in mother-child interactions and development of depressive symptoms over eighteen months. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Montreal, Canada; 2011.
 74. Nichols SR, **Silk JS**, Tan P, Garelik K. Interactions between mood and presence of siblings in anxious and non-anxious children. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Montreal, Canada; 2011.

75. Mandell D, Ichikawa N, Ladouceur C, **Silk JS**, Forbes E, Ryan N, Siegle G. Somatic awareness in anxious youth: Relating trait and state symptoms to neural mechanisms of threat-processing. Poster presented at the Annual Meeting of the Organization of Human Brain Mapping. Quebec City, Canada; 2011.
76. Kurtzman JS, Whalen DJ, & **Silk JS**. Emotion socialization among depressed mothers and adolescent coping responses. Poster presented at the Eastern Psychological Association Annual Meeting, Pittsburgh, PA; 2012.
77. Ladouceur C, Ichikawa N, McFarland A, Siegle GJ, **Silk JS**, Dahl RE, Ryan N. Effects of psychotherapy on response monitoring ERPs in anxious youth. Poster presented at the Annual Meeting of the International Society for Research in Child and Adolescent Psychopathology. Chicago, Illinois; 2011.
78. McMakin D, Siegle GJ, **Silk JS**, McFarland A., Ladouceur C, Forbes E, Ryan ND, Dahl, RE. Effects of CBT on engaging with a positive memory in anxious adolescents: Behavioral and neuroimaging indices. Paper presented at the Annual conference for the Association for Behavioral and Cognitive Therapy. Toronto, Canada; 2011.
79. Ladouceur CD, Siegle GJ, McFarland A, Ichikawa N, **Silk JS**, Dahl RE, Ryan ND. Psychophysiological correlates of error monitoring and Cognitive Behavioral Therapy in anxious youth. Paper presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapy. Toronto, Canada; 2011.
80. Siegle GJ, Ichikawa N, McFarland A, Ladouceur C, **Silk JS**, Dahl RE, Ryan N. Understanding response to CBT for adolescent anxiety using fMRI. Paper presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapy. Toronto, Canada; 2011.
81. **Silk JS**, Sheeber L, Forbes EE, Ladouceur CD, Dahl RE, Siegle GS, Ryan, ND. Is parenting important in response to individual CBT for child anxiety? Paper presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapy. Toronto, Canada; 2011.
82. Cousins JC, McMakin D, Dahl R, Forbes E, **Silk J**, Siegle GJ, Franzen PL. Experimental sleep restriction in adolescents: Changes in behavioral and physiological measures of emotional reactivity. Paper presented at SLEEP. Minneapolis, MN. 2011.
83. Jakubowski KP, Rofey DL, **Silk JS**, Blake R, Dahl RE. Affective experience in the natural environments of female adolescents with primary depression vs. obesity and comorbid depression. Poster presented at the Biennial Meeting of the Society for Research on Adolescence. Ontario, Canada; 2012.
84. Garelik KT, Davis S, **Silk JS**. Emotional word ratings in youth at high-risk depression. Poster presented at the Biennial Meeting of the Society for Research on Adolescence. Vancouver, Canada; 2012.
85. **Silk JS**, Lee KH, Dahl RE, Siegle GJ. Neural response to maternal praise in adolescents at high and low risk for depression. Paper presented at the Annual Meeting of the Society for Research on Adolescence. Vancouver, Canada; 2012.
86. Price RB, Siegle G, **Silk JS**, Ladouceur CD, McFarland A, Dahl RE, Ryan ND. Time course of brain reactivity in anxious youth performing an attentional bias task: A pupillometry study. Oral paper presented at the Annual Meeting of the Anxiety Disorders Association of America. Arlington, VA; 2012.
87. Olino TM, McMakin, DL, Ryan ND, Ladouceur CD, Forbes EE, Siegle, GJ, Dahl, RE, Kendall, PC, & **Silk, JS**. Therapeutic alliance differentially moderates treatment response across phases of CBT in anxious youth. Paper presented at the Annual Meeting of the Anxiety Disorders Association of America. Arlington, VA; 2012.
88. Proud LP, Dahl RE, Forbes EE, Ryan ND, Siegle GJ, **Silk JS**. Using EMA to predict CBT treatment response in anxious children. Poster presented at the Annual Meeting of the Anxiety Disorders Association of America. Arlington, VA; 2012.
89. Whalen DJ & **Silk JS**. Relations between maternal borderline personality disorder and youth anxiety. Poster presented at the Annual Meeting of the Anxiety Disorders Association of America. Arlington, VA; 2012.
90. Davis S, **Silk JS**. Do anxious youth ruminate? Poster presented at the Annual Meeting of the Anxiety Disorders Association of America. Arlington, VA; 2012.
91. Siegle GJ, Thompson WS, Friedman ES, Thase ME, Collier A, McFarland A, Ladouceur C, **Silk JS**, Dahl RE, Ryan ND. Neural similarities between anxious youth and depressed adults. Poster presented at the Annual Meeting of the Society of Biological Psychiatry. Philadelphia, PA; 2012.
92. **Silk JS**, Siegle GJ, Nelson EE, Stroud LJ, Lee KH, & Dahl RD. An fMRI study of response to peer rejection and acceptance in depressed adolescents. Poster presented at the Annual Meeting of the Society of Biological Psychiatry. Philadelphia, PA; 2012.
93. McMakin DL, **Silk JS**, Olino TM, Dahl RE, Forbes EE, Lee KH, Ryan ND, & Siegle GJ. Depressed adolescents show reduced positive affect and fronto-striatal connectivity while recalling a positive experience. Paper presented at the American College of Neuropsychopharmacology. Hollywood, Florida; 2012.
94. Kurtzman J, Nichols S, **Silk JS**, Ladouceur C, Siegle G, Forbes E, Dahl R, Ryan N. Critical expressed emotion in parents of anxious youth and treatment outcome. Poster presented at the Anxiety Disorders Association of America Annual Meeting, Arlington, Virginia; 2012.

95. **Silk JS**, Whalen DJ, Forbes EE, Ryan ND, & Dahl RE. The experience of negative emotion in the daily lives of depressed adolescents: an Ecological Momentary Assessment study. Paper presented at the Association for Behavioral and Cognitive Therapy. National Harbor, MD: 2012.
96. Lee KH, **Silk JS**, Dahl RD, & Siegle GJ. Neural responses to maternal criticism in healthy youth. Poster presented at the 5th annual meeting of Social Affective Neuroscience Society, New York, NY: 2012.
97. Hollenstein T, **Silk JS** & Granic I. Affective flexibility in parent-child interactions. Paper presented at the Annual Meeting of the Society for Research on Adolescence. Vancouver, Canada; 2012.
98. Chung G, Gilchrist D, Morgan J, Ryan ND, & **Silk JS**. Real-world positive affect in clinically anxious youth: An Ecological Momentary Assessment. Poster presented at the 33rd annual Anxiety and Depression Association of America. La Jolla, CA: 2012
99. Morgan J, Tan PZ, Forbes EE, Ladouceur CD, & **Silk JS**. Alterations in positive affect in anxious youth: associations with maternal socialization and depressive symptoms. Poster presented at the Wisconsin Symposium on Emotion, Madison, WI: 2012.
100. Siegle GJ, Horner M, McMakin DL, **Silk JS**, & Friedman ES. Positive affect in depression: Behavioral and neural dynamics. In J. Gruber (Chair). Positive Emotion and Reward Dysregulation Across Disorders. Symposium at the Meeting of the Association for Behavioral and Cognitive Therapies. November, 2012. National Harbor, MD.
101. **Silk JS**. Discussant. B. Gibb (Chair). Biases in Cognitive and Emotional Processing in Children of Depressed Mothers. Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
102. Olinio TM, Forbes EE, **Silk JS**, McMakin DL, Morgan J, Birmaher B, Axelson DA, Dahl RE & Ryan ND. Positive emotionality and risk for depression: Evidence from behavioral and neurobiological Indices. Paper Presented at the Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
103. **Silk JS**. Discussant. Hans M. Koot (Chair). Momentary, daily, and long-term mood variability and its associations with adolescent stress and psychopathology. Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
104. Tan PZ, Lee KH, Siegle GJ, Nelson EE, Stroud LR, Forbes EE & **Silk JS**. Linking maternal negative affect with youth's neural responses to peer acceptance. Paper Presented at the Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
105. **Silk JS**. Discussant. Peter F. Zimmermann (Chair). Development of Emotion Regulation from Infancy to Emerging Adulthood. Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
106. Tan PZ, Ladouceur CD & **Silk JS**. Developmental differences in the processing of dynamic facial expressions. Poster Presented at the Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
107. **Silk JS**, Siegle GJ, Lee KH, Nelson EE, Stroud LR & Dahl RE. Pubertal influences on neural response to peer rejection in depressed and healthy adolescents. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Seattle, Washington; 2013.
108. Jakubowski K, **Silk JS**, Gilchrist D, El Nokali N, Rofey D, McMakin D, Dahl RE. Relationship between sleep and next-day health behaviors in the real-world environments of healthy adolescent. Poster presented at SLEEP. Baltimore, MD; 2013. *Winner of a Sleep Research Society Abstract Honorable Mention Award.*
109. Insana SP, Dahl RE, McMakin DL, Franzen PL, Siegle G, **Silk JS**. Adolescent sleep quality is associated with connectedness to peers and sensitivity to peer rejection. Poster presented at SLEEP. Baltimore, MD. 2013.
110. Lee KH, Siegle GJ, Lee GC, Ladouceur CD, Dahl RE, **Silk JS**. Altered neural responses to negative socio-emotional information in adolescents with major depressive disorder. Poster presented at Human Brain Mapping. Seattle, WA; 2013.
111. Waller JM, Whalen D, Davis S, Dahl RE, & **Silk JS**. Co-rumination in adolescents with Major Depressive Disorder. Poster accepted for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN; 2013.
112. Swartz HA, Cyranowski JM, **Silk JS**, Amole M, Ambrosia M, Murphy S, Martin S, Morgan J, Musselman S, Forbes EE. A Novel fMRI task to evaluate social reward and social threat hypersensitivity in depressed mothers of psychiatrically ill children. Poster accepted for presentation at the Annual Meeting of the American College of Neuropsychopharmacology. Hollywood, FL; 2013.

PROFESSIONAL ACTIVITIES

TEACHING:

Previous Courses/Seminars

- 1999-2000 *Fundamentals in Statistics*, Temple University, Department of Psychology.
Served as primary instructor for undergraduate introductory statistics course covering descriptive statistics, graphing and data exploration, correlation, and regression. (40 students, 45 hours per semester).
- 2000 *Theories of Personality*, Temple University, Department of Psychology.
Served as primary instructor for undergraduate course on major theories of personality, including psychodynamic theories, learning theories, humanism, behaviorism, and cognitive-behavioral theories. (20 students, 40 hours).
- 2000-2001 *Psychological Assessment*, Temple University, Department of Psychology.
Served as teaching assistant and clinical supervisor for first-year graduate course in assessment. Delivered lectures on cognitive assessment batteries for children and adolescents (e.g. WISC, WPPSI, Wechsler Memory Scales). Reviewed assessment reports and scoring protocols. Supervisor: Jerome Resnick, Ph.D. (10 students, 30 hours).

Ongoing Courses

- 2005-present *Developmental Processes*, University of Pittsburgh, Department of Psychiatry.
Co-director for annual developmental psychology course for child and adolescent psychiatry fellows (PGY4) in the School of Medicine. Deliver and organize lectures, assign reading materials, and organize class discussions.

Guest Lectures:

- 2005 Course: NIH T32 Proseminar (Topic: career development awards), Department of Psychology, Pennsylvania State University, State College, PA. (8 pre and postdoctoral fellows).
- 2005 Course: Research Methods (Topic: experience sampling methods), Department of Psychology. Pennsylvania State University, Beaver County, PA. (30 undergraduate students).
- 2005 Course: Adolescent Development (Topic: emotion regulation in adolescence), Department of Psychology in Education, University of Pittsburgh, Pittsburgh, PA. (25 masters and doctoral students).
- 2005 Course: Clinical Psychology Internship Program Weekly Seminar (Topic: child emotion regulation and risk for depression). Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA. (6 clinical psychology interns/doctoral students).
- 2006 Course: Psychiatric Epidemiology and Alcohol Research Training Program Seminar (Topic: child emotion regulation and risk for depression). Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA. (15 graduate and post-doctoral students and faculty).
- 2007 Course: Methodological and Assessment Issues in Psychiatric Epidemiology (Topic: ecological momentary assessment). Graduate School of Public Health, Department of Epidemiology, University of Pittsburgh, Pittsburgh, PA. (10 graduate students).
- 2009 Course: Clinical Psychology Internship Program Weekly Seminar (Topic: pupillometry). Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA. (6 clinical psychology interns/doctoral students).
- 2010 Course: CHIPS (Child Intervention, Prevention and Services) Summer Research Institute, NIMH Division of Services and Intervention Research (Topic: work/life balance). Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA. (15 postdoctoral/ child psychiatry fellows selected from national application pool).
- 2010 Course: Clinical Psychology Internship Program Weekly Seminar (Topic: puberty and depression). Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA. (6 clinical psychology interns/doctoral students).

- 2011 Course: Resident Case Conference Series (Topic: CBT for child anxiety). Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA. (5 psychiatry residents).
- 2013 Course: Child Psychopathology (Topic: neuroscience of child anxiety). Department of Psychology, University of Pittsburgh, Pittsburgh, PA. (12 clinical/developmental psychology doctoral students).

Mentoring:

Medical Students, University of Pittsburgh, School of Medicine:

2006-2009	Mara Semel	Research Mentor, Behavioral/Emotional Health in Children and Adolescents Summer Research Program and Scholarly Project
2007-2009	Dalia Balsamo	Research Mentor, Behavioral/Emotional Health in Children and Adolescents Summer Research Program and Scholarly Project
2010-2012	Lindsay Proud	Research Mentor, Behavioral/Emotional Health in Children and Adolescents Summer Research Program and Scholarly Project (<i>WPIC Research Day Medical Trainee Award Recipient</i>)

Postdoctoral Fellows, University of Pittsburgh, Department of Psychiatry:

2007-2009	Anita Barber, Ph.D.	Primary Mentor, Postdoctoral Associate (<i>NARSAD Award Recipient</i>)
2009-2011	Tom Olino, Ph.D.	Co-mentor with Erika Forbes, Fellow-Clinical Research Training in Child Psychiatry (<i>K01 Award Recipient, now faculty at Temple University</i>)
2010-2012	Judith Morgan, Ph.D.	Co-mentor with Erika Forbes, Fellow-Clinical Research Training in Child Psychiatry (<i>K01 Award Recipient, now faculty at WPIC</i>)
2010-2013	Patricia Tan, Ph.D.	Primary Mentor, Fellow-Clinical Research Training in Child Psychiatry (<i>K01 Award Recipient, now faculty at WPIC</i>)
2011-present	Kyung Hwa Lee, Ph.D.	Primary Mentor, Postdoctoral Associate
2013	Lindsey Stone, Ph.D.	Primary Mentor, Fellow-Clinical Research Training in Child Psychiatry
2013	Kristy Benoit, Ph.D.	Primary Mentor, Fellow-Clinical Research Training for Psychologists

K Award Mentorship, University of Pittsburgh, Department of Psychiatry:

2010-present	Stephanie Stepp, Ph.D.	K01 Consultant (funded)
2011-present	Tom Olino, Ph.D.	K01 Co-mentor with Erika Forbes (funded)
2011-present	Dana McMakin, Ph.D.	K01 Consultant (funded)
2011-present	Meredith Wallace, Ph.D.	K01 Consultant (funded)
2012-present	Michelle Horner, D.O.	K23 Consultant (funded)
2012-present	Sam Insana, Ph.D.	K01 Consultant (pending)
2012-present	Ilya Yaroslavsky, Ph.D.	K01 Consultant (pending)
2012-present	Vinod Sharma, Ph.D.	K01 Consultant (in prep)
2012-present	Judith Morgan, Ph.D.	K01 Consultant (funded)
2012-present	Leslie Brown, Ph.D.	K23 Co-mentor with Gretchen Haas (funded)
2013	Patricia Tan, Ph.D.	K01 Primary Mentor (funded)
2013	Lauren Bylsma, Ph.D.	K01 Co-mentor with Cecile Ladouceur (in prep)

Clinical Psychology Interns, University of Pittsburgh, Department of Psychiatry:

2009-2010	Patricia Tan, Ph.D.	Primary Research Mentor
2009-2010	Judith Morgan, Ph.D.	Co-mentor with Erika Forbes
2012-2013	Kristy Benoit, Ph.D.	Primary Research Mentor
2013-2014	Caroline Oppenheimer, Ph.D.	Primary Research Mentor

Graduate Students, University of Pittsburgh, Departments of Psychology and Applied Developmental Psychology:

2006-present	Diana Whalen	Primary Advisor (Co-advisor with Ron Dahl 2006-2009), Clinical/Developmental Psychology Doctoral Program (<i>Recipient of 2013 Bassell Student Award; NIH NRSA; 2008 EB Huey Research Award; 2008 Bassell Student Publication Award</i>)
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2006-2007	Megan Clegg	Research Advisor, Masters Program in Applied Developmental Psychology (<i>earned Ph.D. in Developmental Psychology from West Virginia University, now Assistant Professor at Ohio Northern University</i>)
2007-present	Stephanie Davis	Primary Advisor, Clinical/Developmental Psychology Doctoral Program (<i>Recipient of 2011 EB Huey Award for Clinical Psychology Student Research</i>)
2012-present	Jennifer Waller	Primary Advisor, Clinical/Developmental Psychology Doctoral Program
<u><i>Predoctoral NRSA Mentorship:</i></u>		
2010-2012	Sara Nichols	F31 Co-mentor, Clinical/Developmental Psychology, University of Pittsburgh
2010 - 2012	Caroline Oppenheimer	F31 Consultant, Doctoral program in Child Clinical Psychology, University of Denver
2012 - present	Katie Burkhouse	F31 Consultant, Doctoral program in Clinical Psychology at SUNY Binghamton
<u><i>Visiting Graduate Students</i></u>		
2010 - present	Christina Mathyssek	Local mentor, visiting doctoral student in clinical psychology from Erasmus Medical Center Rotterdam, Netherlands (Primary Advisor Frank Verhulst).
<u><i>Post-Baccalaureate</i></u>		
2013	Rosalind Elliott	Primary Advisor, Hot Mellow Bridge Fellow in Clinical/Developmental Psychology, University of Pittsburgh
<u><i>Undergraduate Students, Honor's Thesis Advising, University of Pittsburgh, Department of Psychology:</i></u>		
2007	Cecilia Westbrook	Primary Mentor, Fellow, University of Pittsburgh's NIMH Undergraduate Fellowship Program in Mental Health Research: "Mindfulness in Adolescents at Risk for Depression: Links to Depressive and Anxious Symptoms and Executive Function." (<i>now at MD/PhD program, University of Wisconsin</i>)
2008-2009	Shannon Hedges	Thesis Advisor: "The Roles of Ruminative Coping and Pubertal Status in the Emergence of Gender Differences in Adolescent Depressive Symptoms."
2009-2010	Terri Nicely	Thesis Advisor: "Patterns of Emotion Regulation and Psychosomatic Symptoms in Children and Adolescents." (<i>now medical student at University of Maryland</i>)
2009-2010	Jennifer Kurtzman	Thesis Advisor: "Maternal Emotion Socialization and Coping in Adolescent Offspring of Depressed Mothers." (<i>now PsyD student at Widener University</i>)
2010-2011	Karen Garelik	Thesis Advisor: "The Effects of Major Depressive Disorder on the Free Recall of Social Status and Non-Social Status Words in Adolescents."
<u><i>Undergraduate Students, Directed Research Instructor/Advisor, University of Pittsburgh, Department of Psychology:</i></u>		
2005-2006	Erika Joyce (<i>now a medical student at Lake Erie College of Osteopathic Medicine</i>) Angela Kancic (<i>earned MS in Counseling Psychology at Chatham College</i>) Steven Luckey (<i>earned MS in Counseling Psychology at Temple University</i>)	
2006-2007	Amanda Graves (<i>now a medical student at New York Medical College</i>) Arielle Dulberg Afton Kirk (<i>earned MS student in Counseling Psychology at Chatham College</i>) Jeffrey Luce Deidra Dunhoff Erika Joyce (<i>above</i>)	
2007-2008	Erin May Sara Green (<i>earned Masters in Social Work at University of Pittsburgh</i>) Erika Joyce (<i>above</i>) Terri Nicely (<i>above</i>), Kandi Felmet (<i>now in Ph.D. Program in Social Work at University of Pittsburgh</i>)	
2008-2009	Julia Ofrichter (<i>now at University of Southern California MSW program</i>) Jennifer Kurtzman (<i>above</i>),	

	Shannon Hedges Michelle Ross Terri Nicely (<i>above</i>)
2009-2010	Katie Dahlberg (<i>now at Kutztown University Elementary School Counseling doctoral program</i>) Jennifer Kurtzman (<i>above</i>) Shannon Hedges (<i>above</i>) Terri Nicely (<i>above</i>) Karen Garelik Kale Theis Emily Stankoski
2010-2011	Keely Hersch Emily Stankoski
2011-2012	Makeda Osbourne Alexa Busler Teassa Eddy
2012-2013	Rebekah Mennies Liz Gilmore Alexandra Ryan Michelle Nagle
2013-2014	Lindsay Steinberger Mary Feinour Julianne Griffeth

Undergraduate Students, Summer Interns:

2006	Molly Ainsman (University of Pennsylvania; <i>later earned MD from UC Denver</i>)
2007	Laura Taylor (Pennsylvania State University; <i>now a medical student at the University of Pittsburgh</i>)
2008	Miriam Weinberg (Barnard College)
2009	Molly Carter (Allegheny College)
2010	Shivani Trevedi (Boston University)

High School Student Mentoring, Callomon Summer Internship Program, The Ellis School, Pittsburgh, PA:

2012	Ashna Shome, (<i>PA Junior Academy of Science competition Regional 1st place winner based on summer project</i>)
2013	Charley Meyers

Licensed Clinical Supervisor, University of Pittsburgh, Department of Psychiatry:

Provided clinical supervision for CBT anxiety and depression cases with children and adolescents

2008 - 2013	Diana Whalen, M.A. Stephanie Davis, M.A. Laura Trubnick, M.S.W. Kara Colaizzi L.P.C. Melissa Milbert, L.P.C. Christine Larson, Ph.D.
2009 to present	Dana McMakin, Ph.D.
2010 to present	Patricia Tan, Ph.D.
2013	Lindsey Stone, Ph.D. Kristy Benoit Ph.D.

Masters/Specialty Paper/Dissertation Committees:

1. External Committee Member, Dissertation Defense: “*Rigidity in Mother-Infant Dyads: A State Space Analysis of Emotion Regulation.*” Gaylene McCutcheon, Department of Human Development and Applied Psychology, Institute for Studies in Education, University of Toronto. April 2005.
2. Committee Member, Master’s Thesis Defense: “*Emotion Regulation Strategies: Relationship to Problem Behavior in Preschool-age Children of Mothers with Childhood-onset Depression.*” Megan Clegg, Psychology in Education, School of

Education, University of Pittsburgh. December 2005.

3. Committee Member, Master's Thesis Defense: "*Protective Factors and the Development of Resilience Among Boys from Low-income Families.*" Ella Vanderbilt-Adriance, Psychology Department, University of Pittsburgh. April 2006.
4. Committee Member, Specialty Examination Paper Proposal: "*Current Controversies and Challenges in the Study of Resilience.*" Ella Vanderbilt-Adriance, Psychology Department, University of Pittsburgh. November 2006.
5. Committee Member, Specialty Examination Paper Defense: "*Current Controversies and Challenges in the Study of Resilience.*" Ella Vanderbilt-Adriance, Psychology Department, University of Pittsburgh. August 2007.
6. Committee Member, Specialty Examination Paper Proposal: "*Elucidating the Role of Interpersonal Stress in the Development of Depression in Girls During the Transition to Adolescence.*" Susan Gillo, Psychology Department, University of Pittsburgh. November 2007.
7. Committee Member, Master's Thesis Proposal, "*Trajectories of Internalizing Symptoms: Associations with Temperament and Parenting.*" Stephanie Davis, Psychology Department, University of Pittsburgh. June 2008.
8. Committee Member, Dissertation Proposal: "*Psychosocial, Cognitive, and Physiological Protective Factors and the Absence of Antisocial Behavior in a Longitudinal Study of Low Income Boys.*" Ella Vanderbilt-Adriance, Psychology Department, University of Pittsburgh. June 2008.
9. Committee Member, Specialty Examination Paper Defense: "*Elucidating the Role of Interpersonal Stress in the Development of Depression in Girls during the Transition to Adolescence.*" Susan Gillo, Psychology Department, University of Pittsburgh. July 2008.
10. Committee Member, Dissertation Proposal: "*Affective Experiences in Adolescents with Autism: An EMA Study.*" Keiran Rump, Psychology Department, University of Pittsburgh. August 2008.
11. Committee Chair, Master's Thesis Proposal: "*The Effect of Maternal Borderline Personality Disorder on Maternal Emotion Socialization and Adolescent Emotional Vulnerability.*" Diana Whalen, Psychology Department, University of Pittsburgh. October 2008.
12. Committee Member, Dissertation Defense: "*Psychosocial, Cognitive, and Physiological Protective Factors and the Absence of Antisocial Behavior in a Longitudinal Study of Low Income Boys.*" Ella Vanderbilt-Adriance, Psychology Department, University of Pittsburgh. May 2009.
13. Committee Member, Master's Thesis Defense: "*Trajectories of Internalizing Symptoms: Associations with Temperament and Parenting.*" Stephanie Davis, Psychology Department, University of Pittsburgh. June 2009.
14. Committee Chair, Master's Thesis Defense: "*The Effect of Maternal Borderline Personality Disorder on Maternal Emotion Socialization and Adolescent Emotional Vulnerability.*" Diana Whalen, Psychology Department, University of Pittsburgh. September 2009.
15. Committee Member, Dissertation Proposal: "*A Stress Generation Model of the Development of Depression in Girls During the Transition to Adolescence.*" Susan Gillo, Psychology Department, University of Pittsburgh. September 2009.
16. Committee Chair, Specialty Examination Paper Proposal: "*Examining the Comorbidity between Child Anxiety and Depression: Shared and Unique Vulnerabilities.*" Stephanie Davis, Psychology Department, University of Pittsburgh. February, 2009.
17. Committee Chair, Specialty Paper Proposal: "*Neurobiological Vulnerabilities in Borderline Personality Disorder.*" Diana Whalen, Psychology Department, University of Pittsburgh. February, 2009.
18. Committee Member, Masters Proposal: "*Somatic Awareness in Anxious Youth: Relating Self-reported Symptoms to Neural Mechanisms of Vigilance-avoidance.*" Darcy Mandell, Psychology Department, University of Pittsburgh. March

2010.

19. Committee Chair, Specialty Examination Paper Defense: *“In Search of Unique Vulnerabilities for Child Anxiety and Depression.”* Stephanie Davis, Psychology Department, University of Pittsburgh. September 2010.
20. Committee Member, Dissertation Proposal: *“My Brother, My Friend: Positive Sibling Relationships, Peer Acceptance, And Internalizing Problems In Low Income Boys.”* Sara Nichols, Psychology Department, University of Pittsburgh. October 2010.
21. Committee Chair, Specialty Paper Defense: *“Emotion Dysregulation in Borderline Personality Disorder.”* Diana Whalen, Psychology Department, University of Pittsburgh. October 2010.
22. Committee Member, Dissertation Defense: *“Affective Experiences in Adolescents with Autism: An EMA Study.”* Keiran Rump, Psychology Department, University of Pittsburgh. November, 2010.
23. Committee Member, Dissertation Defense: *“Cognitive Emotion Regulation, Depression and Anxiety in Urban and Rural Adolescents.”* Gerarda Johanna Wesseling, School of Psychology, Australian National University. March 2011.
24. Committee Member, Master’s Thesis Defense: *“Somatic Awareness in Anxious Youth: Relating Self-reported Symptoms to Neural Mechanisms of Vigilance-avoidance.”* Darcy Mandell, Psychology Department, University of Pittsburgh. May 2011.
25. Committee Chair, Dissertation Proposal: *“The Development of BPD in Adolescent Girls: The Roles of Affect Instability and Maternal Invalidation.”* Diana Whalen, Psychology Department, University of Pittsburgh. June 2011.
26. Committee Chair, Dissertation Proposal: *“Distinguishing between Pediatric Anxiety and Depression: The Experience of Emotion and Emotion Regulation.”* Stephanie Davis, Psychology Department, University of Pittsburgh. July 2011.
27. Committee Member, Dissertation Defense: *“A Stress Generation Model of the Development of Depression in Girls during the Transition to Adolescence: Elucidating the Role of Interpersonal Dysfunction.”* Susan Gillo, Psychology Department, University of Pittsburgh. September 2011.
28. Committee Member, Specialty Examination Paper Proposal: *“The Role of Peers in the Onset and Maintenance of Depressive Symptoms in Adolescent Girls.”* Jennifer Waller, Department of Psychology, University of Pittsburgh. February 2012.
29. Committee Member, Specialty Examination Paper Defense: *“The Role of Peers in the Onset and Maintenance of Depressive Symptoms in Adolescent Girls.”* Jennifer Waller, Department of Psychology, University of Pittsburgh. December 2012.
30. Committee Chair, Dissertation Defense: *“The Role of Maternal Invalidation in the Development of BPD in Adolescent Girls.”* Diana Whalen, Psychology Department, University of Pittsburgh. April 2013.
31. Committee Chair, Dissertation Proposal: *“Peer Victimization and Rejection Sensitivity in Depressed and Non-depressed Adolescents: The Moderating Effects of Daily Emotional Functioning in Peer Contexts.”* Jennifer Waller, Psychology Department, University of Pittsburgh. June 2013.

RESEARCH:

1. Grant Support

Current:

P50 MH080215 (Ryan)

6/01/2008 – 5/31/2014

NIMH

“Transdisciplinary Studies of CBT for Anxiety in Youth”

Center for Intervention Development and Applied Research (CIDAR) to study neurobehavioral and social correlates of treatment response within two psychotherapeutic treatments in 200 youth with generalized anxiety disorder.

Project 3 (Silk)

(Principal Investigator)

“A Social Contextual Analysis of CBT Treatment Response for Youth Anxiety: Parenting, Peer Relations, and Emotion Regulation”

Uses Ecological Momentary Assessment and behavioral observations to examine how children’s emotion regulation in the social context and their relationships with parents and peers predict response to CBT treatment and change across treatment.

Project 1 (Siegle)

(co-Investigator)

“Cognitive and Affective Features of Youth Anxiety: From Brain Mechanisms to Recovery”

Links neural correlates of cognitive and emotional information processing in anxious youth to recovery and change in CBT using fMRI, ERP, and pupillometry methods.

Core 1 (Ryan)

(co-Investigator/Treatment Director)

Operations and Clinical Assessment Core

Provides management and administrative infrastructure necessary to accomplish the overall mission of the Center as well as supervision and oversight of clinical treatment and assessment.

Core 2 (Siegle, Silk, Dahl)

(co-Principal Investigator)

Research Methods Core

Provides management and integration of the assessments for all projects, including assessments of clinical status and symptomatology, neural mechanisms, pubertal status, sleep, and social context.

R01 MH091327 (Silk)

8/24/2010 – 6/30/2016

(Principal Investigator)

NIMH

“Puberty and Threat/Reward Processing in the Trajectory from Anxiety to Depression”

This study focuses on early adolescence as a sensitive period for the development of depression among anxious youth, focusing on peripubertal changes in the processing of social evaluative threat and reward responding. The role of CBT treatment for child anxiety in ameliorating these difficulties and preventing depression is also investigated.

R01 MH092450 (Stroud)

6/6/2011 - 4/30/2016

(Site PI/co-Investigator)

NIMH

“HPA & Neural Response to Peer Rejection: Biomarkers of Adolescent Depression Risk”

To investigate neural activity and neuroendocrine response to peer rejection challenges in adolescents at high and low risk for MDD.

R21 DA033612 (Forbes)

9/15/2011-8/31/2013

(co-Investigator)

NIDA

“Self-Regulation of Reward in Adolescence”

To develop methods for assessing the mechanisms of the development, during adolescence, of reward-related problem behaviors such as substance use, sensation seeking, depressive symptoms, and HIV-risk behavior.

R01 DA034619 (Marshal)

9/1/2012-8/31/2017

(co-Investigator)

“Stress Reactivity among Sexual Minority Girls”

The central goal of this study is to examine physiological and emotional reactivity to social stressors among sexual minority girls. This longitudinal study will document the day-to-day gay-related stress experiences of sexual minority girls, describe

how this stress impacts physiological and emotional reactivity, and determine how stress reactivity impacts long-term risk for substance use and abuse.

1 R15 HD072463-01 (Morris)
(Site PI/co-Investigator)

4/1/2012-3/31/2016

NICHD

“Understanding Resilience in Adolescent Girls: Parent, Peer, and Emotion Dynamics”

To identify emotionally adaptive and maladaptive pathways among high-risk girls in adolescence.

Recently Completed:

DP2 OD001210 (Szigethy)
(co-Investigator)

9/30/2007- 8/31-2012

NIH Director’s Office

“Understanding and Treating Neuropsychiatric Symptoms of Pediatric Physically Ill”

This study investigates abnormalities in emotion-related brain activity in depressed youth with active irritable bowel disorder IBD and inactive IBD and normal controls using functional neuroimaging (fMRI) and pupillary reactivity.

R21DA024144 (Silk)
(Principal Investigator)

9/26/2007 – 7/31/2011

NIH Roadmap/NIDA

“Emotion Regulation in Adolescence: A Social Affective Neuroscience Approach”

This study applies a developmentally informed social affective neuroscience perspective to the development of a “toolbox” for studying emotional reactivity and regulation in adolescence, including the development of ecological momentary assessment techniques and socially relevant pupillometry and fMRI paradigms.

Young Investigator Award (Silk)
(Principal Investigator)

7/1/2007 -7/31/2010

NARSAD

“Neural and Social Mechanisms of Altered Emotion Regulation among Adolescents at High-Risk for Depression”

Neuroimaging and behavioral observation study designed to examine the neural and social correlates of altered emotion regulation among early adolescents at high risk for depression.

K01 MH0730077 (Silk)
(Principal Investigator)

2/1/2005-1/31/2010

NIMH

“Emotion Regulation and Transmission of Depression”

Longitudinal investigation of social and neurobiological aspects of emotion regulation involved in the intergenerational transmission of depression in the families of depressed mothers with early adolescent children (ages 9-14).

RUPHI Pilot Grant (Silk/Primack)
(Principal Investigator)

7/21/2008 -7/20/2009

RAND–University of Pittsburgh Health Institute (RUPHI)

“Investigating Associations between Media Use, Depression, and Anxiety using Ecological Momentary Assessment (EMA)”

Used data on adolescent media use collected in real time via EMA to develop and validate a coding scheme to accurately classify content- and context-based variables related to media exposure that contribute to adolescent affective dysregulation and related psychiatric disorders.

2. Invited Seminars and Lectureships

1. *Adolescents’ Emotion Regulation in Daily Life: Links to Affective and Behavioral Disorders.* (2004). Clinical and Developmental Psychology Brown Bag Series. University of Pittsburgh, Pittsburgh, PA.
2. *Pupil Dilation to Emotional Words in Pediatric Affective Disorder.* (2005). Western Psychiatric Institute and Clinic Division of Child and Adolescent Psychiatry Annual Research Colloquium. University of Pittsburgh, Pittsburgh, PA.

3. *Adolescents' Emotion Regulation in Daily Life: Links to Affective and Behavioral Disorders.* (2005). Department of Human Development and Applied Psychology, Ontario Institute for Studies in Education, University of Toronto, Toronto, Ontario.
4. *Disruptions in Emotional Reactivity and Regulation in Depressed and High-Risk Children and Adolescents.* (2005). Child Depression Consortium, University of Pittsburgh, Pittsburgh, PA.
5. *Risk for Adolescent Depression.* (2006). Adolescent Medicine Division, Children's Hospital of Pittsburgh, University of Pittsburgh Medical Center, Pittsburgh, PA.
6. *The Daily Ecology of Emotion in Child and Adolescent Depression.* (2007). Western Psychiatric Institute and Clinic, Division of Child and Adolescent Psychiatry Annual Research Colloquium. University of Pittsburgh, Pittsburgh, PA.
7. *Pupil Dilation to Emotional Words in Pediatric Populations: The Effects of Puberty and Depression.* (2007). Pittsburgh Pupil Colloquium. University of Pittsburgh, Department of Psychiatry/ VA Pittsburgh Healthcare System, Pittsburgh, PA.
8. *Ecological Momentary Assessment of Child and Adolescent Depression: Daily Emotional and Social Functioning.* (2007). Paper presented at the Child Depression Consortium, University of Pittsburgh, Pittsburgh, PA.
9. *Emotion Regulation and Risk for Child and Adolescent Depression: Neural and Ecological Factors.* (2008). Young Investigator Lecture. Western Psychiatric Institute and Clinic Lecture Series. University of Pittsburgh, Pittsburgh, PA.
10. *The Eye as a Window into the Brain: A Potential Pupillary Biomarker of Risk for Child and Adolescent Depression.* (2008). National Alliance for Research on Schizophrenia and Depression (NARSAD) 20th Annual New York City Symposium: New Findings on the Causes, Diagnosis and Treatment of Mental Health Disorders. Times Center, New York, NY.
11. *Child Anxiety.* (2009). 2nd Annual Pediatric Pittnett Meeting. Pittsburgh Clinical and Translational Science Institute (CTSI), University of Pittsburgh, Pittsburgh, PA.
12. *Emotion Regulation in Adolescence: A Social Affective Neuroscience Approach.* (2009). NIMH Meeting on Facilitating Interdisciplinary Research: Methodological and Technological Innovation in the Behavioral and Social Sciences, Bethesda, MD.
13. *Screening for Depression in Pediatric Practices: The Youth Emotional and Social Development (YES-D) Study as an Example.* (2010). 3rd Annual Pediatric Pittnett Meeting. Pittsburgh Clinical and Translational Science Institute (CTSI), University of Pittsburgh, Pittsburgh, PA.
14. *Developing Ecologically Valid Tasks to Measure Neurobiological Markers for Adolescent Depression.* (2010). Adolescent Medicine Division, Children's Hospital of Pittsburgh, University of Pittsburgh Medical Center, Pittsburgh, PA.
15. *The Chatroom-Interact Task: Peer Acceptance and Rejection through the Eyes of Youth.* (2011). Developmental Psychology Brown Bag Series. University of Pittsburgh, Pittsburgh, PA.
16. *Perspectives from Developmental Social Affective Neuroscience.* (2011). NIDA Workshop on Integrating Neuroscience and Adolescent Substance Abuse Treatment. Bethesda, MD.
17. *Neural Response to Virtual Peer Rejection and Acceptance in Depressed Adolescents.* (2012). Child Depression Consortium, University of Pittsburgh, Pittsburgh, PA.
18. *The Social Context of Emotion in Adolescent Depression.* (2012). Meet the PI Lecture. Western Psychiatric Institute and Clinic, University of Pittsburgh, Pittsburgh, PA.

19. *Neural Response to Social Evaluation in Depressed Adolescents*. (2012). Child Development Unit Lecture Series, Children's Hospital of Pittsburgh, Pittsburgh, PA.
20. *Neural Response to Social Evaluation in Depressed Adolescents*. (March 8, 2013). OSU-Tulsa & OSU Center for Health Sciences.

3. Other Research Related Activities

Journal Editing

Consulting Editor, <i>Journal of Clinical Child and Adolescent Psychology</i>	2007-2012, 2013 - present
Editorial Board, <i>Journal of Abnormal Child Psychology</i>	2012-present
Editorial Board, <i>Journal of Youth and Adolescence</i>	2005-present
Guest Editor, <i>Developmental Cognitive Neuroscience</i>	2013

Ad Hoc Reviewer

Development and Psychopathology, Journal of Research on Adolescence, Child Development, Journal of Child Psychology and Psychiatry, Journal of Early Adolescence, Journal of Family Psychology, Psychological Medicine, Cognitive Therapy and Research, Emotion, Developmental Psychology, American Journal of Psychiatry, International Journal of Psychophysiology, Archives of General Psychiatry, Child Development Perspectives, Psychological Assessment, Social Development, International Journal of Behavioral Development, Journal of Adolescence, Journal of Child and Family Studies, Developmental Cognitive Neuroscience, Journal of Anxiety Disorders, Journal of Abnormal Psychology, Social Cognitive and Affective Neuroscience, Biological Psychiatry.

NIH Study Sections

2008	Ad Hoc Reviewer, Imaging-Science Track Award for Research Transition Program Special Emphasis Panel, National Institute on Drug Abuse
2011	Ad Hoc Reviewer, Special Emphasis Panel ZDA1 GXM-A 11, National Institute on Drug Abuse
2013	Ad Hoc Reviewer, K99 Special Emphasis Panel, ZMH1 ERB - L(03), National Institutes of Health (served on panel for February and October meetings)
2013	Ad Hoc Reviewer, Child Psychopathology and Developmental Disabilities Study Section, National Institutes of Health

Other Grant/Conference Reviewing

2007	Reviewer, Israeli Science Foundation
2006, 2008, 2010, 2012	Reviewer, Contexts of Adolescent Development Panel and Emotional Processes & Personality Panel, Society for Research in Child Development
2009	Reviewer, Social Sciences and Humanities Research Council of Canada
2011	Reviewer, Emotion, Cognition, and Morality Panel, Society for Research on Adolescence
2012	Reviewer, United States-Israel Binational Science Foundation
2013	Reviewer, John Templeton Foundation

Events Organized

1. Chair. (2005, April). *Emotion Regulation and Child Adjustment across Multiple Contexts*. Paper Symposium at the Biennial Meeting of the Society for Research in Child Development. Atlanta, GA.
2. Chair. (2007, March). *Daily Emotions and Activities: An Ecological Momentary Assessment Approach to Understanding Child Depressive Symptoms*. Paper Symposium at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.
3. Chair. (2008, April). *Advances in Measuring Emotion Regulation in Adolescence: Bridging Between the Neuroscience Lab and Adolescents' Real Worlds*. Paper Symposium at the Biennial Meeting of the Society for Research on Adolescence, Chicago, IL.
4. Chair. (2009, November). *Multilevel Predictors of Treatment Response in Child Anxiety and Depression*. Paper Symposium at the 43rd Annual Convention of the Association for Behavioral and Cognitive Therapies, New York City, NY
5. Program Chair. (September, 2012). *Developmental Affective Neuroscience Symposium*. Pittsburgh, PA.