
Curriculum Vitae

Christopher S. Monk

Department of Psychology
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Professional Positions

- 9.2016 – Present Professor, Departments of Psychology (with Tenure) and Psychiatry, Research Professor, Survey Research Center and the Center for Human Growth and Development, University of Michigan, Ann Arbor, MI
- 9.2011 – 8.2016 Associate Professor, Departments of Psychology (with Tenure) and Psychiatry, Research Associate Professor, Center for Human Growth and Development, University of Michigan, Ann Arbor, MI
- 6.2014 – 8.2016 Faculty Associate, Survey Research Center, Institute for Social Research
- 1.2012 – 5.2014 Faculty Associate, Youth and Social Issues, Institute for Social Research
- 4.2008 – Present Faculty Member, Neuroscience Program, University of Michigan
- 6.2006 – 8.2011 Assistant Professor, Department of Psychiatry, University of Michigan
- 9.2005 – 8.2011 Assistant Professor, Department of Psychology, University of Michigan
- 9.2005 – 8.2011 Research Assistant Professor, Center for Human Growth and Development, University of Michigan, Ann Arbor, MI
- 2.2005 – 8.2005 Research Fellow, National Institute of Mental Health, Bethesda, MD.
- 4.2003 – 8.2005 Research Career Award (K22) Recipient, National Institute of Mental Health
- 1.1999 – 8.1999 Graduate Research Assistant, Institute of Child Development, University of Minnesota, funded by the National Institutes of Health, supervisor: Dr. Charles A. Nelson
- 9.1996 – 6.1997 Graduate Research Assistant, Institute of Child Development and Dept. of Radiology, University of Minnesota, funded by the John D. and Catherine T. MacArthur Foundation, supervisor: Charles, A. Nelson, Ph.D.
- 1.1995 – 8.1995 Research Technician, Infant Primate Research Lab, Regional Primate Center, University of Washington
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Training and Education

- 8.2000 – 3.2003 Postdoctoral Fellow, Section on Development and Affective Neuroscience, Mood and Anxiety Disorders Program, National Institute of Mental Health, Bethesda, MD (Advisor: Daniel S. Pine, M.D.)
- 9.1995 – 7.2000 Ph.D., Child Psychology (minor in Neuroscience), awarded July 2000; Advisor: Charles A. Nelson, Ph.D. Institute of Child Development, University of Minnesota, Minneapolis, MN. Dissertation Title: *The Effects of Hydrocortisone on Neural and Cognitive Function: An Electrophysiological and Behavioral Investigation.*
- 3.1992 – 6.1995 B.A. Psychology, awarded June 1995, University of Washington, Seattle, WA
- 9.1987 – 5.1991 B.A. English, awarded May 1991, Tufts University, Medford, MA
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Research Support**Active**

R01MH103761 (PI: Monk) 06/05/14 – 05/31/19 1.5 acad / 2 sum months
 NIH/NIMH \$3,050,851 Total

Effects of Poverty on Affective Development: A Multi-Level, Longitudinal Study

The objective of this project is to better understand how poverty affects biology during development and contributes to increased risk for psychopathology. A supplement was added in year 2 to examine epigenetic markers in this sample (\$308,711 total). Finally, an administrative supplement was added to facilitate data sharing (\$63,645 total for years 1 and 2).

Role: Principal Investigator

2T32HD007109-36 (Multiple PIs: Monk and McLoyd) 05/01/2016-04/30/2021
 NIH/NICHD \$2,119,025 Total

Developmental Psychology Training Grant

The T32 provides funds to train predoctoral and postdoctoral students on conducting integrative research that bridges the developmental science of environmental context with human neurobiology.

Role: Principal Investigator (with McLoyd)

R01 MH107419-01 (Multiple PIs: Monk, Fitzgerald, Phan) 08/18/2016-06-30-2021 2 acad / 0.4 sum mos
 NIH/NIMH \$3,120,723 Total

Dimensional Brain Behavior Predictors of CBT Outcomes in Pediatric Anxiety

This project addresses two fundamental and open questions: 1) Do individual differences in CBT-relevant brain-behavioral patterns lead to variation in CBT outcomes? and 2) Does development contribute to this variation? To answer these questions, we are collecting multimodal neuroimaging data in the context of a randomized control trial of children and adolescents with impairing anxiety.

Role: Principal Investigator (with Fitzgerald and Phan)

R01 HD075806-01A1 (PI: Keating) 05/02/14–05/01/19 0.45 acad / 0.15 sum months
 NIH/NICHD \$5,209,083 Total

Neurodevelopmental Pathways in Adolescent Health Risk Behavior

The expected outcomes of the proposed research will have an important positive impact in that they will provide information about the developmental mechanisms contributing to risk behaviors essential to improving and developing new preventive interventions to reduce the population health burden arising from behavioral misadventure in the adolescent and young adults years. Identifying the psychosocial, neurocognitive, and neural mechanisms that contribute to health risk behaviors holds promise for improving our ability to effectively address the significant costs of behavioral misadventure, the leading source of population health risks during adolescence.

Role: Co-Investigator

Pending

None

Completed

R01MH 086517 (Multiple PIs: Monk, Phan) 7.1.2010-3.31.2016 (no-cost extension) 3 acad / 1 sum month
 NIH/NIMH \$3,142,479 Total

Brain Markers of Anxiety Disorders and SSRI Treatment in Children and Adolescents

The 5-year project examined brain function related to SSRI treatment response in children and adolescents with anxiety disorders.

Role: Principal Investigator (with Phan)

Autism Speaks 2573 (PI: Monk)

7.1.2008-12.31.2011

Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD

2.0 calendar months; \$450,000

The 3-year study examines brain activation that mediates 5-HTTLPR polymorphisms on autism-related social impairment.

National Institutes of Health R01MH 089390 (PI: Lord; Monk served as PI when Lord left the UM)

09/01/2009-08/31/2012

Development of a Screening Interview for Research Studies of ASD

0.6 calendar months; \$665,065

The proposal aimed to develop a research screening instrument that is based on questions from the Autism Diagnostic Interview-Revised (ADI-R; Rutter et al., 2003), but that is substantially shorter and easier to administer.

National Institutes of Health RC1MH 089721 (PI: Lord; Monk served as PI when Lord left the UM)

9/01/2009-08/31/2012

Development of a Brief Screener for Research Diagnosis of Autism Spectrum Disorders

0 calendar months; \$497,915

The proposal aimed to develop a research screening instrument based on questions that can be more effectively and practically employed in research studies of autism spectrum disorders.

National Institutes Health R01 HD033487-10A2 (PI: Lozoff; Co-I: Monk)

7.1.2007-6.30.20012

Neuromaturational Delays in Iron Deficient Anemic Infants

.18 academic calendar months; \$3,879,507

The project uses an integrated brain/behavior framework to determine the long-term effects of iron deficiency anemia during infancy.

National Institute of Mental Health K22 MH068017-05 (PI: Monk)

4.2003 - 8.2007

Adolescent Social Phobia and Neurophysiological Function

6.75 academic calendar months

2.25 summer calendar months

Direct costs (estimated): \$650,000

The primary goal of this research career award with intramural and extramural phases was to uncover brain abnormalities related to adolescent social phobia and to train the investigator on clinical neuroscience.

National Institutes of Health R01DA 022419-01A2 (PI: Delaney-Black; Consultant: Monk)

6.1.2008-5.31.2013

Title: *Teens at Risk: Prenatal Cocaine and Postnatal Challenges*

\$2,498,037

The goal is to use a multi-method approach to understand the long-term consequences of prenatal cocaine exposure on children.

Peer Reviewed Publications

77. #Hein, T. C. & Monk, C.S. (2017). Neural response to threat in children, adolescents, and adults after child maltreatment: A quantitative meta-analysis. Journal of Child Psychology and Psychiatry, 58(3), 222-230.

76. #Velasquez, F., #Wiggins, J.L., #Mattson, W. I., Martin, D.M., Lord, C., & Monk, C.S. (2017). The Influence of 5-HTTLPR Transporter Genotype on Amygdala-Subgenual Anterior Cingulate Cortex Connectivity in Autism Spectrum Disorder. Developmental Cognitive Neuroscience, 24, 12-20.
75. Bunford, N., Kujawa, A., Fitzgerald, K., Swain, J. E., Hanna, G. L., Koschmann, E., Simpson, D., Connolly, S., **Monk, C. S.**, & Phan, K. L. (2017). Neural reactivity to angry faces predicts treatment response in pediatric anxiety. Journal of Abnormal Child Psychology, 45(2), 385-395.
74. Bunford, N., Kujawa, A., Fitzgerald, K., **Monk, C. S.**, & Phan, K. L. (2017). Attenuated neural reactivity to happy faces is associated with rule-breaking and social problems in anxious youth. European Child and Adolescent Psychiatry, 26(2), 215-230.
73. Burkhouse, K. L., Kujawa, A., Klumpp, H., Fitzgerald, K. D., **Monk, C. S.** and Phan, K. L. (2017), Neural correlates of explicit and implicit emotion processing in relation to treatment response in pediatric anxiety. Journal of Child Psychology and Psychiatry, 58(5), 546-554.
72. Burkhouse, K. L., Kujawa, A., Keenan, K., Klumpp, H., Fitzgerald, K. D., **Monk, C. S.**, & Phan, K. L. (2017). The relation between parent depressive symptoms and neural correlates of attentional control in offspring: A preliminary study. Psychiatry Research, 263, 26-31.
71. Kujawa, A., Weinberg, A., Bunford, N. Fitzgerald, K.D., Hanna, G.L., Swain, J.E., **Monk, C.S.**, Kennedy, A.E, Klumpp, H., Hajcak, Phan, K.L. (2016). Error-related brain activity in youth and young adults before and after treatment for generalized or social anxiety disorder. Progress in Neuro-Psychopharmacological and Biological Psychiatry, 71, 162-168.
70. Kujawa, A., Wu, M., Klumpp, H., Pine, D. S., Swain, J. E., Fitzgerald, K. D., **Monk, C. S.**, & Phan, K. L. (2016). Altered development of amygdala-frontal connectivity during emotional face processing in anxious youth and young adults. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 1(4), 345-352.
69. MacNamara A., Vergés, A., Kujawa, A., Fitzgerald, K. D., **Monk, C. S.** & Phan, K. L. (2016). Age-related changes in emotional face processing across childhood and into young adulthood: Evidence from event-related potentials. Developmental Psychobiology, 58, 27-38.
68. #Mattson, W. I., Hyde, L. W., Shaw, D. S., Forbes, E. E., **Monk, C. S.** (2016). Clinical neuroprediction: Amygdala reactivity predicts depressive symptoms two years later. Social Cognitive and Affective Neuroscience, 11(6), 892-898.
67. Wu, M., Kugawa, A., Lu, L.H., Fitzgerald, D.A., Klumpp, H., Fitzgerald, K.D., **Monk, C.S.**, Phan, K.L. (2016). Age-Related Changes in Amygdala-Frontal Connectivity during Emotional Face Processing from Childhood into Young Adulthood. Human Brain Mapping, 37(5), 1684-1695.
66. Kujawa, A. Swain, J.E., Hanna, G.L., Koschmann, E., Simpson, D., Connolly, S., Fitzgerald, K.D., **Monk, C.S.**, Phan, K.L. (2016). Prefrontal reactivity to social signals of threat as a predictor of treatment response in anxious youth. Neuropsychopharmacology, 41(8), 1983-1990.
65. #Wiggins, J.L., Mitchell, C., Hyde, L.W., **Monk, C.S.** (2015). Identifying early pathways of risk and resilience: The co-development of internalizing and externalizing symptoms and the role of harsh parenting. Development and Psychopathology, 27, 1295-1312.
64. Kujawa, A., MacNamara, A., Fitzgerald, K. D., **Monk, C. S.**, & Phan, K.L. (2015). Enhanced neural reactivity to threatening faces in anxious youth: Evidence from event-related potentials. Journal of Abnormal Child Psychology 43, 1493-1501.

62. Strawn J.R., Hamm L., Fitzgerald D.A., Fitzgerald K.D., **Monk C.S.**, Phan K.L. (2015). Neurostructural abnormalities in pediatric anxiety disorders. Journal of Anxiety Disorders, 31, 81-88.
61. Hamm LL, Jacobs RH, Johnson MW, Fitzgerald DA, Fitzgerald KD, Langenecker SA, **Monk CS**, Phan KL (2014). Aberrant amygdala functional connectivity at rest in pediatric anxiety disorders. Biology of Mood and Anxiety Disorders, 4, 15.
60. #Swartz, J.R., Phan, K.L., Angstadt, M., Klumpp, H., Fitzgerald, K.D., & **Monk, C.S.** (2014). Altered activation of the rostral anterior cingulate cortex in the context of emotional face distractors in children and adolescents with anxiety disorders. Depression and Anxiety, 31, 870-9.
59. Bo, J., Lee, C.M., Kwak, Y., Peltier, S.J., Bernard, J.A., Buschkuhl, M., Jaeggi, S.M., #Wiggins, J.L., Jonides, J., **Monk C.S.**, Seidler, R.D. (2014). Lifespan differences in corticostriatal resting state connectivity. Brain Connectivity, 4, 166-80.
58. #Swartz, J.R., Phan, K.L., Angstadt, M., Fitzgerald, K.D., & **Monk, C.S.** (2014). Dynamic changes in amygdala activation and functional connectivity in children and adolescents with anxiety disorders. Development and Psychopathology, 26, 1305-19.
57. #Wiggins, JL, #Swartz, JR, Martin, DM, Lord, C, **Monk, CS.** (2014). Serotonin transporter genotype impacts amygdala habituation in youth with autism spectrum disorders. Social Cognitive and Affective Neuroscience, 9, 832-8.
56. Bernard, J. A., Peltier, S. J., Benson, B.L., #Wiggins, J. L., Jaeggi, S. M., Buschkuhl, M., Jonides, J., **Monk, C. S.**, & Seidler, R. D. (2014). Dissociable functional networks of the human dentate nucleus. Cerebral Cortex, 24, 2151-2159.
55. Di Martino A., Yan C.G., Li Q., Denio E., Castellanos F.X., Alaerts K., Anderson J.S., Assaf M., Bookheimer S.Y., Dapretto M., Deen B., Delmonte S., Dinstein I., Ertl-Wagner B., Fair D.A., Gallagher L., Kennedy D.P., Keown C.L., Keysers C., Lainhart J.E., Lord C., Luna B., Menon V., Minshew N.J., **Monk C.S.**, Mueller S., Müller R.A., Nebel M.B., Nigg J.T., O'Hearn K., Pelphrey K.A., Peltier S.J., Rudie J.D., Snaert S., Thioux M., Tyszka J.M., Uddin L.Q., Verhoeven J.S., Wenderoth N., Wiggins J.L., Mostofsky S.H., Milham M.P. (2014). The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. Molecular Psychiatry, 19, 659-67.
54. #Swartz, J.R., #Carrasco, M., #Wiggins, J.L., Thomason, M.E., & **Monk, C.S.** (2014). Age-related changes in the structure and function of prefrontal cortex-amygdala circuitry in children and adolescents: A multi-modal imaging approach. NeuroImage, 86, 212-220.
53. #Wiggins, JL, Bedoyan, JK, #Carrasco, M, #Swartz, JR, Martin, DM, **Monk, CS.** (2014). Age-related effect of serotonin transporter genotype on amygdala and prefrontal cortex function in adolescence. Human Brain Mapping, 35, 646-658.
52. #Wiggins, J.L. and **Monk, C.S.** (2013). A translational neuroscience framework for the development of socio-emotional functioning in health and psychopathology. Development and Psychopathology, 25, 1293-1309.
51. Bernard, J.A., Peltier, S.J., #Wiggins, J.L., Jaeggi, S.M., Buschkuhl, M., Fling, B.W., Kwak, Y., Jonides, J., **Monk, C.S.**, Seidler, R.D. (2013). Disrupted cortico-cerebellar connectivity in older adults. NeuroImage, 83, 103-119.

50. #Swartz, J.R., #Wiggins, J.L., #Carrasco, M., Lord, C., & **Monk, C.S.** (2013). Amygdala habituation and prefrontal functional connectivity in youth with autism spectrum disorders. Journal of the American Academy of Child and Adolescent Psychiatry, *52*, 84-93.
49. #Wiggins, J.L., Peltier, S.J., Bedoyan, J.K., # Carrasco, M., Welsh, R.C., Martin, D.M., Lord, C., **Monk, C.S.** (2013). The impact of serotonin transporter genotype on default network connectivity in children and adolescents with autism spectrum disorders. NeuroImage: Clinical, *2*, 17-24.
48. Falk, E.B., Hyde, L.W., Mitchell, C., Faul, J., Gonzalez, R., Heitzeg, M., Keating, D.P., Langa, K.M., Martz, M.E., Maslowsky, J., Morrison, F.J, Noll, D.C., Patrick, M.E., Pfeffer, F.T., Reuter-Lorenz, P.A., Thomason, M.E., Davis-Kean, P., **Monk C.S.**, and Schulenberg, J. (2013). Neuroscience meets population science: What is a representative brain? Proceedings of the National Academy of Sciences, *110*, 17615-22.
47. Liu, C., Tardif, T., Wu, H.Y., Monk, C.S., Luo, Y.J., Mai, X.Q. (2013). The representation of category typicality in the frontal cortex and its cross-linguistic variations. Brain and Language, *127*, 415-427.
46. Fitzgerald K.D., Liu Y., Stern E.R., Welsh R.C., Hanna G.L., **Monk C.S.**, Phan K.L., Taylor S.F. (2013). Reduced error-related activation of dorsolateral prefrontal cortex across the pediatric anxiety disorders. Journal of the American Academy of Child and Adolescent Psychiatry, *52*, 1183-91.
45. Bernard, J.A., Seidler, R.D, Hassevoort, K.M., Benson, B.L., Welsh, R.C., #Wiggins, J.L. Jaeggi, S.M., Buschkuhl, M, **Monk, C.S.**, Jonides, J., Peltier, S.J. (2012). Resting state cortico-cerebellar functional connectivity networks: A comparison of anatomical and self-organizing map approaches. Frontiers in Neuroanatomy, *6*.
44. #Wiggins, J.L., Bedoyan, J.K., Peltier, S.J., Ashinoff, S., #Carrasco, M., #Weng, S.J., Welsh, R.C., Martin, D.M., **Monk, C.S.** (2012). The impact of serotonin transporter (5-HTTLPR) genotype on the development of resting-state functional connectivity in children and adolescents: A preliminary report. Neuroimage, *59*, 2760-70.
43. #Wiggins, J.L., Peltier, S.J., Ashinoff, S., #Weng, S.J., #Carrasco, M., Welsh, R.C., Lord, C., **Monk, C.S.** (2011). Using a self-organizing map algorithm to detect age-related changes in functional connectivity during rest in autism spectrum disorders. Brain Research, *1380*, 187-197.
42. #Swartz, J.R., Graham-Bermann, S.A., Mogg, K., Bradley, B.P., & **Monk, C.S.** (2011). Attention bias to emotional faces in young children exposed to intimate partner violence. Journal of Child & Adolescent Trauma, *4*, 109-122.
41. #Weng, S.J., #Carrasco, M., #Swartz, J.R., #Wiggins, J.L., Kurapati, N., Liberzon, I., Risi, S., Lord, C., **Monk, C.S.** (2011). Neural activation to emotional faces in adolescents with autism spectrum disorders. Journal of Child Psychology and Psychiatry, *52*, 296-305.
40. #Maslowsky, J., Keating, D., **Monk, C.S.**, & Schulenberg, J. E. (2011). Planned versus unplanned risks: Neurocognitive predictors of subtypes of adolescents' risk behavior. International Journal of Behavioral Development, *35*, 152-160.
39. Thomason, M.E., Henry, M.L, Hamilton, J.P., Joormann, J.; Pine, D.S., Ernst, M. Goldman, D., Mogg, K. Bradley, B.P., Britton, J.C., Lindstrom, K.M., **Monk, C.S.**, Sankin, L.S., Louro, H.M.C., Gotlib, I.H. (2010). Neural and behavioral responses to threatening emotion faces in children as a function of the short allele of the serotonin transporter gene. Biological Psychology, *85*, 38-44.

38. #Maslowsky, J., Mogg, K., Bradley, B.P., McClure-Tone, E., Ernst, M., Pine, D.S., **Monk, C.S.** (2010). A preliminary investigation of neural correlates of treatment in adolescents with generalized anxiety disorder. Journal of Child and Adolescent Psychopharmacology, *20*, 105-111.
37. **Monk, C.S.**, #Weng, S.J., #Wiggins, J.L., Kurapati, N., Louro, H.M.C., #Carrasco, M., #Maslowsky, J., Risi, S., Lord, C. (2010). Neural circuitry of emotional face processing in autism spectrum disorders. Journal of Psychiatry and Neuroscience, *35*, 105-114.
36. Biswal, B.B., Mennes, M., Zuo, X., Gohel, S., Kelly, C., Smith, S.M., Beckmann, C.F., Adelstein, J.S., Buckner, R.L., Colcombe, S., Dogonowski, A., Ernst, M., Fair, D., Hampson, M., Hoptman, M.J., Hyde, J.S., Kiviniemi, V.J., Kötter, R., Li, S., Lin, C., Lowe, M.J., Mackay, C., Madden, D.J., Madsen, K.H., Margulies, D.S., Mayberg, H.S., McMahon, K., **Monk, C.S.**, Mostofsky, S.H., Nagel, B.J., Pekar, J.J., Peltier, S.J., Petersen, S. E., Riedl, V., Rombouts, S. A., Rypma, B., Schlaggar, B.L., Seidler, R.D., Siegle, G.J., Sorg, C., Teng, G., Veijola, J., Villringer, A., Walter, M., Wang, L., Weng, X., Whitfield-Gabrieli, S., Williamson, P., Windischberger, C., Zang, Y., Zhang, H., Castellanos, F.X., Milham, M.P., (2010). Towards discovery science of human brain function. Proceedings of the National Academy of Sciences, *107*, 4734-9.
35. #Weng, S.J., #Wiggins, J.L., Peltier, S.J., #Carrasco, M., Risi, S., Lord, C., **Monk, C.S.** (2010). Alterations of resting state functional connectivity in the default network in adolescents with autism spectrum disorders. Brain Research, *1313*, 202-214.
34. Lindstrom, K.M., Guyer, A.E., Mogg, K., Bradley, B.P., Fox, N.A., Ernst, M., Nelson, E.E., Leibenluft, E., Britton, J.C., **Monk, C.S.**, Pine, D.S., Bar-Haim, Y. (2009). Normative data on development of neural and behavioral mechanisms underlying attention orienting toward social-emotional stimuli: an exploratory study. Brain Research, *1292*, 61-70.
33. **Monk, C.S.**, Peltier, S.J., #Wiggins, J.L., #Weng, S.J., #Carrasco, M., Risi, S., & Lord, C. (2009). Abnormalities of intrinsic functional connectivity in autism spectrum disorders. NeuroImage, *47*, 764-72.
32. Vasa, R.A., Pine, D.S., Masten, C.L., Vythilingam, M., Collin, C., Charney, D.S., Neumeister, A., Mogg, K., Bradley, B.P., Bruck, M., & **Monk, C.S.** (2009). Effects of yohimbine and hydrocortisone on panic symptoms, autonomic responses, and attention to threat in healthy adults. Psychopharmacology, *204*, 445-455.
31. Beesdo, K., Lau, J. Y. F., Guyer, A. E., McClure-Tone, E. B., **Monk, C. S.**, Nelson, E. E., Fromm, S. J., Goldwin, M. A., Wittchen, H.-U., Leibenluft, E., Ernst, M., & Pine, D. S (2009). Common and distinct amygdala-function perturbations in depressed vs anxious adolescents. Archives of General Psychiatry, *66*, 275-285.
30. Lau, J. Y. F., Goldman, D., Buzas, B., Fromm, S.J., Guyer, A.E., Hodgkinson, C., **Monk, C.S.**, Nelson, E.E., Shen, P.H., Pine, D.S., & Ernst, M. (2009). Amygdala function and 5HTT gene variants in pediatric anxiety and major depressive disorder. Biological Psychiatry, *15*, 349-355.
29. **Monk, C.S.** (2008). The development of emotion-related neural circuitry in health and psychopathology. Development and Psychopathology, *20*, 1231-50.
28. ^Telzer, E.H., Mogg, K., Bradley, B.P., Mai, X., Ernst, M., Pine, D.S., & **Monk, C.S.** (2008). Relationship between trait anxiety, prefrontal cortex, and attention bias to angry faces in children and adolescents. Biological Psychology, *79*, 216-222.
27. **Monk, C.S.**, ^Telzer, E.H., Mogg, K. Bradley, B.P, Mai, X., Louro, H.M.C., Chen, G., McClure-Tone, E.B., Ernst, M., Pine, D.S. (2008). Amygdala and ventrolateral prefrontal cortex activation to masked

angry faces in children and adolescents with generalized anxiety disorder. Archives of General Psychiatry, *65*, 568-76.

26. **Monk, C.S.**, Klein, R.G., ^Telzer, E.H., Schroth, E.A., Mannuzza S., Moulton, J.L. III, Guardino, M., ^Masten, C.L., McClure, E.B., Fromm, S., Blair, R.J.R., Pine, D.S., & Ernst, M. (2008). Amygdala and nucleus accumbens activation to emotional facial expressions in adolescents at risk for major depression. American Journal of Psychiatry, *165*, 90-98.
25. ^Masten, C.L., Guyer, A.E., Hodgdon, H.B., McClure, E.B., Charney, D.S., Ernst, M., Kaufman, J., Pine, D.S., & **Monk, C.S.** (2008). Recognition of facial emotions among maltreated children with high rates of post-traumatic stress disorder. Child Abuse and Neglect, *32*(1), 139-153.
24. Guyer, A.E., **Monk, C.S.**, McClure, E.B., Nelson, E.E., Roberson-Nay, R. Adler, A.D., Fromm, S., Leibenluft, E., Pine, D.S., Ernst, M. (2008). A developmental examination of amygdala response to facial expressions. Journal of Cognitive Neuroscience, *20*(9), 1565-1582.
23. McClure, E.B., **Monk, C.S.**, Nelson, E.E., Parrish, J.M., Adler, A., Blair, R.J.R., Fromm, S., Charney, D.S., Leibenluft, E., Ernst, M., & Pine, D.S. (2007). Abnormal attention modulation of fear circuit activation in pediatric generalized anxiety disorder. Archives of General Psychiatry, *164*, 97-106.
22. Brotman, M.A., Rich, B.A., Schmajuk, M., Reising, M., **Monk, C.S.**, Dickstein, D.P., Mogg, K., Bradley, B.P., Pine, D.S., Leibenluft, E. (2007). Attention bias to threat faces in children with bipolar disorder and comorbid anxiety disorders. Biological Psychiatry, *61*, 819-21.
21. McClure, E.B., Adler, A., **Monk, C.S.**, Cameron, J., Smith, S., Nelson, E.E., Leibenluft, E., Ernst, M., & Pine, D.S. (2007). fMRI predictors of treatment outcome in pediatric anxiety disorders. Psychopharmacology, *191*, 97-105.
20. **Monk, C.S.**, Nelson, E.E., McClure, E.B., Mogg, K., Bradley, B.P., Leibenluft, E., Blair, R.J.R., Chen, G., Charney, D.S., Ernst, M., Pine, D.S. (2006). Ventrolateral prefrontal cortex activation and attention bias in response to angry faces in adolescents with generalized anxiety disorder. American Journal of Psychiatry *163*, 1091-1097.
19. Guyer, A. E., Nelson, E. E., Perez-Edgar, K., Hardin, M. G., Roberson-Nay, R., **Monk, C. S.**, Bjork, J. M., Henderson, H. A., Pine, D. S., Fox, N. A., & Ernst, M. (2006). Striatal functional alteration in adolescents characterized by early childhood behavioral inhibition. Journal of Neuroscience, *26*, 6399-405.
18. Roberson-Nay R., McClure E.B., **Monk C.S.**, Nelson E.E., Guyer A.E., Fromm S.J., Charney D.S., Leibenluft E., Blair J., Ernst M., Pine D.S. (2006). Increased Amygdala Activity During Successful Memory Encoding in Adolescent Major Depressive Disorder: An fMRI Study. Biological Psychiatry, *60*, 966-73.
17. Easter J., McClure E.B., **Monk C.S.**, Dhanani M., Hodgdon H., Leibenluft E., Charney D.S., Pine D.S., Ernst M. (2005) Emotion recognition deficits in pediatric anxiety disorders: implications for amygdala research. Journal of Child and Adolescent Psychopharmacology, *15*, 563-70.
16. Ernst M., Nelson E.E., Jazbec S., McClure E.B., **Monk C.S.**, Leibenluft E., Blair J., Pine D.S. (2005). Amygdala and nucleus accumbens in response to receipt and omission of gains in adults and adolescents. NeuroImage, *25*, 1279-91.

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11. **Monk, C.S.**, McClure, E.B., Nelson, E. E., Zarahn, E., Bilder, R. M., Leibenluft, E., Charney, D.S., Ernst, M., & Pine, D.S. (2003). Adolescent immaturity in attention-related brain engagement to emotional facial expressions. *NeuroImage*, *20*, 420-428.
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9. Nelson, E. E., McClure, E.B., **Monk, C.S.**, Zarahn, E., Leibenluft, E., Pine, D.S. & Ernst, M. (2003). Developmental differences in neuronal engagement during implicit encoding of emotional faces: an event-related fMRI study. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, *44*, 1015-1024.
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7. **Monk, C.S.**, Pine, D.S., Charney, D.S. (2002). A developmental and neurobiological approach to early trauma research. *Seminars in Clinical Neuropsychiatry*, *7*, 129-146.
6. **Monk, C.S.** & Nelson, C.A. (2002). The effects of hydrocortisone on cognitive and neural function: a behavioral and event-related potential investigation. *Neuropsychopharmacology* *26*, 505-519.
5. **Monk, C.S.**, Webb, S.J., & Nelson C.A. (2001). Prenatal neurobiological development: molecular mechanisms and anatomical change. *Developmental Neuropsychology*, *19*, 211-236.
4. Webb, S.J., **Monk, C.S.**, & Nelson, C.A. (2001). Mechanisms of postnatal neurobiological development in the prefrontal cortex and the hippocampal region: implications for human development. *Developmental Neuropsychology*, *19*, 147-171.
3. Nelson, C.A., **Monk, C. S.**, Lin, J. Carver, L. J., Thomas, K.M., & Truwit, C.L. (2000). Functional neuroanatomy of spatial working memory in children as revealed by fMRI. *Developmental Psychology*, *36*, 109-116.
2. Epps, J., **Monk, C.**, Savage, S., & Marlatt, G.A. (1998) Improving credibility of instructions in the balanced placebo design: a misattribution manipulation. *Addictive Behaviors*, *23*, 427-435.

1. **Monk, C. S.**, Gunderson, V.M., Grant-Webster, K.S., & Mechling, J., (1996). A demonstration of the memory savings effect in infant monkeys. Developmental Psychology, 32, 1051-1055.

#Graduate student or postdoc advisee at the University of Michigan

^Post-baccalaureate advisee at NIH

Book Chapters

8. **Monk, C.S.** & Pine, D.S. (in press). Synthesis II: Implications for Understanding Amygdala Function in Mental Disorders. In D. Amaral & R. Adolphs (Eds), Living without an Amygdala. New York, NY: Guilford Publications.
 7. Swartz, J.R. & **Monk, C.S.** (2014). Functional magnetic resonance imaging in developmental psychopathology: Using neural function as a window into the development and treatment of psychopathology. In M. Lewis & K. Rudolph (Eds), Handbook of Developmental Psychopathology, 3rd Edition.
 6. Swartz, J.R. & **Monk, C.S.** (2014). The role of corticolimbic circuitry in the development of anxiety disorders. In S. Andersen & D. Pine (Eds.), Current Topics in Behavioral Neurosciences.
 5. **Monk, C.S.**, & Pine, D.S. (2008). Childhood anxiety disorders: a cognitive neurobiological perspective. In Charney, D.S., Nestler, E.J., & Bunney, B.S. (Eds), Neurobiology of Mental Illness. New York, NY: Oxford University Press.
 4. **Monk, C.S.** & Pine, D.S. (2008). Cognitive factors in depressive disorders: A developmental perspective. In Allen, N. & Sheeber, L. (Eds.), Adolescent Emotional Development and the Emergence of Depressive Disorders. New York: Cambridge University Press.
 3. Pine, D.S., & **Monk, C.S.** (2008). Anxiety disorders. In C.A. Nelson & M. Luciana (Eds.), Handbook of Developmental Cognitive Neuroscience, 2nd Edition. Cambridge, MA: MIT Press.
 2. **Monk, C.S.** & Pine, D.S. (2004). Childhood anxiety disorders: a cognitive neurobiological perspective. In Charney, D.S., Nestler, E.J., & Bunney, B.S. (Eds), Neurobiology of Mental Illness (pp. 1022-1046). New York, NY: Oxford University Press.
 1. Nelson, C.A., & **Monk, C.S.** (2001). The use of event-related potentials in the study of cognitive development. In C.A. Nelson & M. Luciana (Eds.), Handbook of Developmental Cognitive Neuroscience (pp. 125-136). Cambridge, MA: MIT Press.
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Invited Talks

University of Kansas, Department of Psychology, Mind Lecture (2017)
 Princeton University, Fragile Families and Child Wellbeing Meeting (2017)
 University of Michigan, Center for Human Growth and Development (2016)
 Association for Psychological Science (2016)
 University of California, Berkeley, Center for the Developing Adolescent (2016)
 Virginia Tech, Center for Autism Research Annual Conference, keynote (2014)
 University of Michigan, Center for Human Growth and Development (2014)
 Association for Psychological Science (2014)
 University of Michigan, Survey Research Center, Institute of Social Research (2014)
 University of Michigan, Population Studies Center, Institute for Social Research (2014)

University of Tennessee, Department of Psychology (2013)
 Wayne State University, Merrill Palmer Skillman Institute (2011)
 Beijing Normal University, Key Lab in Cognitive Neuroscience (2011)
 University of Miami, Department of Psychology (2011)
 University of Michigan, fMRI Lab Annual Symposium (2010)
 University of Michigan, Department of Psychology, Developmental Area (2007)
 University of California, Berkeley, Department of Psychology (2005)
 University of Pittsburgh, Department of Psychiatry, Pediatric Depression Working Group (2005)
 National Institute of Mental Health, Mood and Anxiety Disorders Program (2003)

Presentations and Posters

Roberts, A.G., Hein, T., Mitchell, C., **Monk, C.S.**, Hyde, L., and Lopez-Duran, N. (2017, May). Relationship Between Amygdala Responses to Emotional Faces and Cortisol Responses to a Socially Evaluative Cold Pressor Task. Poster presented at the annual conference of the Association for Psychological Science in Boston, MA.

Hyde, L.W., Murray, L., Mitchell, C.M., & **Monk, C.S.**, (2017, May). Dopamine signaling x harsh context interactions in the development of reward-related ventral striatum reactivity. Paper presented at the annual meeting of the Association for Psychological Science, Boston, MA, USA.

Kujawa, A., Bunford, N., Lorán, E., Fitzgerald, K., **Monk, C.S.**, Phan, K.L. (2017, April). Neural Processing of Threatening Faces Predicts Response to Treatment for Pediatric Anxiety Disorders: A Multi-Method Approach. Paper presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.

Burkhouse, K., Kujawa, A., Klumpp, H., Fitzgerald, K., **Monk, C.S.**, Phan, K.L. (2017, April). Neural Correlates of Explicit and Implicit Emotion Processing in Relation to Treatment Response in Pediatric Anxiety. Paper presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.

Monk, C.S. (2017, April). Population-based perspectives on child development. Conversation Roundtable at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.

#Mattson, W.I., #Hein, T.C., #Velasquez, F., Lopez-Duran, N., Hyde, L.W., Mitchell, C. & **Monk, C.S.** (2017, April). Concurrent eye tracking during an fMRI face-processing task predicts amygdala reactivity to neutral faces. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.

#Hein, T.C., #Mattson, W.I., Dotterer, H.L., Mitchell, C., Thomason, M.E., Peltier, S.J., Welsh, R.C., Hyde, L.W., & **Monk, C.S.** (2017). Amygdala Habituation, Uncinate Fasciculus Integrity, and Task-Based Functional Connectivity in a Large, Diverse Adolescent Sample. Poster to be presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.

#Velasquez, F., Thomason, M.E., Peltier, S.J., Welsh, R.C., **Monk, C.S.** The relationship between white matter development and amygdala activity in response to emotional faces. To be presented at the 2017 Society for Research in Child Development (SRCD) Biennial Meeting, Austin, TX.

#Hein, T.C., #Mattson, W.I., Dotterer, H.L., Thomason, M.E., Peltier, S.J., Welsh, R.C., Mitchell, C., Hyde, L.W., & **Monk, C.S.** (2016, May). Amygdala Habituation and Uncinate Fasciculus Integrity in an Adolescent Sample Representative of Urban Cities Containing Large Ethnic Diversity. Poster presented at the Association for Psychological Science annual convention, Chicago, IL, USA.

#Mattson, W.I., #Hein, T.C., Hyde, L.W., Mitchell, C., & **Monk, C.S.** (2016, May). Concurrent eye tracking during an fMRI face-processing task interacts with emotional facial expression type to predict amygdala activation. Poster presented at the Association for Psychological Science annual convention, Chicago, USA.

Monk, C.S., Mitchell, C., Lopez-Duran, N., & Hyde, L.W. (2016, May). Impact of Poverty-Related Stress on Adolescent Brain Function: Evidence from a Population-Based, Representative Sample Followed Since Birth. Paper presented at the annual meeting of the Society for Biological Psychiatry, Atlanta GA.

^Mattson, W.I., Shaw, D.S., Forbes, E.E., **Monk, C.S.**, & Hyde, L.W. (2015, May). Developmental trajectories of anxiety symptoms and amygdala reactivity predict depression in adolescent males from low-income families. Poster presented at the annual meeting of the Society for Biological Psychiatry, Toronto, Canada.

#Velasquez, F., ^Mattson, W.I., Swartz, J.R., Wiggins, J.L., Peltier, S., & **Monk, C.S.** (2015, April). Amygdala habituation to emotional faces in children and adolescents: fMRI and eye tracking indices. Paper presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

#Hein, T. & **Monk, C.S.** (2015, March). Neural Response to Threat in Children with Early Life Stress: A Quantitative Meta-Analysis. Poster presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.

Monk, C.S. (December, 2014). Amygdala-ventromedial prefrontal functional and structural connectivity in children and adolescents with autism spectrum disorder. Paper presented at the American College of Neuropsychopharmacology, Phoenix, AZ.

#Velasquez, F., #Swartz, J.R., #Wiggins, J.L., Peltier, S.J., Welsh, R.C., Lord, C., **Monk, C.S.** The relationship between the amygdala and vmPFC during rest and amygdala habituation in adolescents with ASD. Poster presented at the 2014 Life Course: Evolutionary and Ontogenetic Dynamics (LIFE) Bi-Annual Meeting, Charlottesville, VA.

#Swartz, J.R., Phan, K.L., Angstadt, M., Fitzgerald, K.D., **Monk, C.S.** (2013, March). Changes in amygdala activation and functional connectivity across a scanning session in children and adolescents with anxiety disorders. In J. Clauss (Chair), Exploring the Neurobiology of Pediatric Anxiety Disorders. Symposium Presentation at the Anxiety and Depression Association of America 34th Annual Conference, Chicago, IL.

#Velasquez, F., #Swartz, J.R., #Wiggins, J.L., Peltier, S.J., Welsh, R.C., Lord, C., **Monk, C.S.** Analyzing the role of the vmPFC on amygdala habituation in adolescents with autism spectrum disorders using a resting connectivity protocol. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA.

Monk, C.S., #Swartz, J.R., #Wiggins, J.L., #Carasco, M., Martin, D. Lord, C., (December, 2012). Amygdala activation and prefrontal cortex functional connectivity: Potential targets of treatment in autism spectrum disorders. Paper presented at the American College of Neuropsychopharmacology, Hollywood, FL.

Monk, C.S., #Swartz, J.R., #Wiggins, J.L., #Carasco, M., Lord, C., (September, 2012). Amygdala activation and prefrontal cortex functional connectivity in youth with autism spectrum disorders. Paper presented at the Society of Psychophysiological Research, New Orleans, LA.

#Wiggins, J.L., Bedoyan, J.K., #Carrasco, M., #Swartz, J.R., Martin, D.M., **Monk, C.S.** (June, 2012). Age-related effects of 5-HTTLPR genetic variants on cortico-limbic function in adolescence. Poster presentation at the Annual Meeting of the Organization for Human Brain Mapping, Beijing, China.

#Wiggins, J.L., Peltier, S.J., Bedoyan, J.K., Ashinoff, S., #Weng, S.J., #Carrasco, M., Welsh, R.C., Lord, C., Martin, D.M., **Monk, C.S.** (May, 2012). The Impact of 5-HTTLPR Genotype on Default Network Functional Connectivity in Autism Spectrum Disorders. Oral presentation at the Society for Biological Psychiatry Annual Meeting, Philadelphia, PA.

#Swartz, J.R., #Wiggins, J.L., Rosen, J., Lord, C., **Monk, C.S.** (May, 2012). Reduced amygdala habituation to emotional faces in youth with autism spectrum disorders. Poster presentation at the Society of Biological Psychiatry Annual Meeting, Philadelphia, PA.

#Swartz, J.R., #Wiggins, J. L., #Carrasco, M., Lord, C., **Monk, C.S.** (May 2011). Pubertal development and amygdala activity in adolescents with autism spectrum disorders. Poster presented at the Society of Biological Psychiatry Annual Meeting, San Francisco, CA.

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Wiggins, J.L., Peltier, S.J., Bedoyan, J.K., Ashinoff, S., #Weng, S.J., #Carrasco, M., Lord, C., Martin, D.M., **Monk, C.S.** (2011, April). Amygdala reactivity is moderated by 5-HTTLPR genotype in Autism Spectrum Disorders. Oral presentation at the Biennial Meeting of the Society for Research in Child Development, Montreal, Canada.

#Wiggins, J.L., Peltier, S.J., Bedoyan, J.K., Ashinoff, S., #Weng, S.J., #Carrasco, M., Lord, C., Martin, D.M., **Monk, C.S.** (2011, April). Altered functional connectivity during rest is related to 5-HTTLPR genotype in Autism Spectrum Disorders. Oral presentation at the Biennial Meeting of the Society for Research in Child Development, Montreal, Canada.

#Wiggins, J.L., Peltier, S.J., Bedoyan, J.K., Ashinoff, S., #Weng, S.J., #Carrasco, M., Lord, C., Martin, D.M., **Monk, C.S.** (2010, June). Altered intrinsic functional connectivity relates to 5-HTTLPR genotype in Autism Spectrum Disorders. Poster presentation at the Annual Meeting of the Organization for Human Brain Mapping, Barcelona, Spain.

#Wiggins, J.L., Peltier, S.J., Bedoyan, J.K., Ashinoff, S., #Weng, S.J., #Carrasco, M., Welsh, R.C., Lord, C., Martin, D.M., **Monk, C.S.** (May 2010). Altered Intrinsic Functional Connectivity Relates to 5-HTTLPR Genotype in Autism Spectrum Disorders. Oral presentation at the International Meeting for Autism Research, Philadelphia, PA.

#Weng S.J, #Carrasco M, #Swartz J.R, #Wiggins J.L, Kurapati N., Liberzon I., Risi S., Lord C., **Monk C.S.** (May, 2010). Neural Activation to Emotional Faces in Adolescents with ASD. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.

#Carrasco, M. #Wiggins, J. L., Peltier, S. J., #Weng, S. J., Clancy, K., Risi, S., Lord, C., **Monk, C.S.** (May 2010). Default Network Correlates of Obsessive Compulsive Symptoms in Autism Spectrum Disorders. Poster presented at the International Meeting for Autism Research (IMFAR) Philadelphia, PA.

#Swartz, J. R., #Weng, S., #Carrasco, M., #Wiggins, J. L., Phan, K. L., Lord, C., **Monk, C.S.** (May, 2010). The relationship between amygdala activation to emotional faces and anxiety symptoms in adolescents with autism spectrum disorders. Poster presented at the Society of Biological Psychiatry, New Orleans, LA, May, 2010.

Monk, C.S., #Weng, S.J., #Carrasco, M., #Swartz, J. R., #Wiggins, J.L., Kurapati N., Liberzon, I., Risi, S., Lord, C. (October 2009). Amygdala Activation to Emotional Faces in Adolescents with Autism Spectrum Disorders. Paper presented at the annual meeting for the Society of Neuroscience, Chicago, IL.

#Swartz, J. R., **Monk, C. S.**, Castor, L. E., & Graham-Bermann, S. A. (August, 2009). Attention to facial expressions in children exposed to domestic violence. Poster presented at the annual meeting for the American Psychological Association, Toronto, Canada.

#Weng, S.J., Peltier, S.J., #Wiggins, J.L., #Carrasco, M., Risi, S., Lord, C., **Monk, C.S.** (May 2009) Reduced intrinsic connectivity in the default mode network in adolescents with autism spectrum disorders. Poster presented at the International Meeting for Autism Research, Chicago, I.

#Carrasco, M., #Wiggins, J.L., #Weng, S.J., Peltier, S.J., Perkins, S., Fitzgerald, K., Lord, C., **Monk, C.S.** (May 2009). Diffusion tensor imaging of frontal and temporal lobe pathways to the amygdala in adolescents with autism spectrum disorders. Poster presented at the International Meeting for Autism Research, Chicago, IL.

#Wiggins, J.L., Peltier, S.J., #Weng, S.J., #Carrasco, M., Risi, S., Lord, C., **Monk, C.S.** (April 2009). Brain connectivity and serotonin transporter gene polymorphisms in autism spectrum disorders. Paper presented at the Society for Research in Child Development, Denver, CO.

Monk, C.S., #Weng, S.J., #Lee, J.A., Kurapati, N., #Maslowsky, J., Louro, H.M.C., Risi, S., Lord, C. (May 2008). Amygdala activation and connectivity to emotional faces in autism spectrum disorders. Paper presented at the International Meeting for Autism Research, London, UK.

#Weng, S.J., #Lee, J.A., Louro, H.M.C., Zucker, H., Fulton, C., Risi, S., Lord, C., **Monk, C.S.** (2008). The neural circuitry of social reward in autism spectrum disorders. Poster presented at the International Meeting for Autism Research, London, UK.

#Lee, J.A., Peltier, S., #Weng, S.J., Fulton, C., Risi, S., Lord, C., **Monk, C.S.** (May 2008). Abnormal functional connectivity during baseline relates to social symptom severity in autism spectrum disorders. Poster presented at the International Meeting for Autism Research, London, UK.

#Maslowsky, J., Mogg, K., Bradley, B., McClure, E., Ernst, M., Pine, D.S., **Monk, C.S.** (March 2008). Neural correlates of treatment in adolescents with generalized anxiety disorder. Poster presented at the Meeting for the Cognitive Neuroscience Society, San Francisco, CA.

#Weng, S.J., Louro, H., Peltier, S.J., Zaccagnini, G., Dayton, L.I., Bissett, P., Guthrie, W.J., Risi, S., Lord, C., **Monk, C.S.** (May 2007). Neural activation and attention bias to emotional faces in autism spectrum disorders. Poster presented at the International Meeting for Autism Research, Seattle, WA.

Monk, C.S., Klein, R.G., Mannuzza, S., Telzer, E.H., Pine, D.S., Ernst, M. (April, 2007). Neural correlates of risk for depression in children and adolescents. Paper presented at the Society for Research in Child Development, Boston, MA.

Monk, C.S., Telzer, E.H., Schroth, E., Klein, R., Molton, J.L., Manuzza, S., Masten, C.L., McClure, E.B., Nelson, E.E., Blair, R.J.R., Fromm, S., Pine, D.S., Ernst, M. (October, 2005) Amygdala and nucleus accumbens activation to emotional facial expressions in adolescents at risk for major depression. Paper presented at the University of Pittsburgh Depression Consortium, Pittsburgh, PA.

Monk, C.S., Telzer, E.H., Schroth, E., Klein, R., Molton, J.L., Manuzza, S., Masten, C.L., McClure, E.B., Nelson, E.E., Zarah, E., Blair, R.J.R., Fromm, S., Pine, D.S., Ernst, M. (May, 2005) Attention-related brain activation to emotional facial expressions in adolescents at risk for major depression. Paper presented at the Society of Biological Psychiatry Annual Meeting, Atlanta, GA.

Monk, C.S., Telzer, E.H., Schroth, E., Klein, R., Molton, J.L., Manuzza, S., Masten, C.L., McClure, E.B., Nelson, E.E., Zarah, E., Blair, R.J.R., Fromm, S., Pine, D.S., Ernst, M. (April, 2005) Attention-related brain activation to emotional facial expressions in adolescents at risk for major depression: A parametric

functional MRI study. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.

Monk, C.S., (December, 2004). Attention to threat in adolescents with anxiety disorders: evidence for abnormal behavioral and ventrolateral prefrontal cortex function. Paper presented at the Annual Meeting for the American College of Neuropsychopharmacology, San Juan, PR.

Monk, C.S., Masten, C.L., McClure, E.B., Nelson, E.E., Zarahn, E., Blair, R.J.R., Mitchell, D.G.V., Woldehawariat, G., Leibenluft, E., Charney, D.S., Ernst, M., & Pine, D.S. (April 2004). Symptom-Relevant Cognitive Measures in Development: A Foundation for Linking Psychiatric Disorders to Neurophysiology. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, New York, NY.

McClure, E.B., **Monk, C.S.**, Nelson, E.E., Zarahn, E., Leibenluft, E., Roberson-Nay, R., Schweder, A.E., Charney, D.S., Ernst, M., & Pine, D.S. (April, 2004). Attention-Modulated Neural Engagement to Emotional Facial Expressions in Adolescents with Anxiety Disorders. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, New York, NY.

Masten, C.L., Schweder, A.E., Hodgdon, H.B., McClure, E.B., Woldehawariat, G., Charney, D.S., Ernst, M., Kaufman, J., Pine, D.S., & **Monk, C.S.** (April, 2004). Effect of Maltreatment and Psychiatric Diagnosis on Adolescent Identification of Emotional Facial Expressions. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, New York, NY.

Monk, C.S., Masten, C.L., McClure, E.B., Nelson, E.E., Zarahn, E., Blair, R.J.R., Mitchell, D.G.V., Charney, D.S., Ernst, M., Pine, D.S. (December, 2003). A Parametric Neuroimaging Approach for the Examination of Attention-Related Brain Activation to Emotional Facial Expressions. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, San Juan, PR.

Ernst, M., Pine, D. S., Nelson, E., **Monk, C.S.**, McClure, E., Eshel, N., Leibenluft, E., Charney, D. S., Hoberman, A. J., Montgomery, L. A., Munson, S. (May 2003). Anxiety and reward circuitry. Paper presented at the Annual Meeting of the Society for Biological Psychiatry, San Francisco, CA.

Nelson, E. E., **Monk, C. S.**, McClure, E. B., Zarahn, E., Liebenluft, E., Munson, S., Eshel, N., Charney, D. S., Pine, D. S., Ernst, M. (May 2003). Risky business: Event-related fMRI of decision, anticipation, and attainment in a reward task. Poster presented at the Annual Meeting of the Society for Biological Psychiatry, San Francisco, California.

Monk, C.S., McClure, E.B., Nelson, E. E., Zarahn, E., Bilder, R. M., Leibenluft, E., Charney, D.S., Ernst, M., & Pine, D.S. (March, 2003). Adolescent immaturity in attention-related brain engagement to emotional facial expressions. Poster presented at the Meetings for the Cognitive Neuroscience Society, New York, NY.

Leibenluft, E., Schachar, R. J., **Monk, C. S.**, McClure, E. B., Puri, R., Ernst, M., Charney, D.S., & Pine, D. S. (December, 2002). An fMRI study of motor inhibition. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, San Juan, PR.

McClure, E. B., **Monk, C. S.**, Nelson, E. E., Zarahn, E., Leibenluft, E., Charney, D. S., Ernst, M., & Pine, D. S. (December 2002). A developmental examination of sex differences in brain engagement during evaluation of threat. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, San Juan, PR.

Monk, C.S., McClure, E.B., Nelson, E.R., Ernst, M., Zarahn, E., Bilder, RM, Charney, D.S., Pine, D.S. (November, 2002). Development of attention-related brain engagement to emotional stimuli: a functional MRI study. Poster presented at the Meetings for the Society for Neuroscience, Orlando, FL.

Monk, C.S., Grillon, C., McClure, E.B. Nelson, E.E., Ernst, M., Baas, J., Charney, D.S., & Pine, D.S. (October, 2002). Neuroimaging Methods for the Study of Threat in Children. Paper presented at the Meetings for the Society of Psychophysiological Research, Washington, DC.

Monk, C.S. (April, 2000). The effects of hydrocortisone on cognitive and neural function: a behavioral and event-related potential investigation. Poster presented at the Meetings for the Cognitive Neuroscience Society, San Francisco, CA.

Zhuang, J., **Monk, C.S.**, Curtis, W.J., Nelson, C.A., & Hu, X. (April, 2000). Event-related fMRI study of delayed match-to-sample and nonmatch-to sample tasks. Paper presented at the Meetings for the International Society for Magnetic Resonance in Medicine, Denver, CO.

Monk, C.S., Lin, J., Curtis, W. John, Carver, L. J., Truwit, C.L., & Nelson, C.A. (April, 1999). Multiple cortical structures are activated in visual recognition memory. Poster presented at the Meetings for the Cognitive Neuroscience Society, Washington, DC.

Monk, C.S., Toepper, T.N., & Nelson, C.A. (1998, April). Ten-month-old infants' recognition of objects in contexts. Poster presented at the International Conference on Infant Studies, Atlanta, GA.

Carver, L.J., **Monk, C.S.**, Lin, J.C., Luciana, M., Curtis, W.J., Nelson, C.A., & Truwit, C.L. (1998, April). Functional magnetic resonance imaging of delayed non-matching to sample in human adults. Poster presented at the Meetings for the Cognitive Neuroscience Society, San Francisco, CA.

Monk, C.S., Gunderson, V.M., Sen, M.G., & Yonas, A. (1997, October). Eight-week-old macaque monkeys' sensitivity to surface contour monocular depth cues. Poster presented at the Conference on Vision for Reach and Grasp, Minneapolis, MN.

Monk, C. S. (1997, April). Ten-month-old infants' ability to recognize objects across changes in context. Poster presented at the meetings for Society for Research in Child Development, Washington, DC.

Nelson, C.A., Le, T., Hu, X, Lin, J. Carver, L., **Monk, C.S.**, Truwit, C.L. (1997, April). The use of functional magnetic resonance imaging (fMRI) in children: preliminary studies of working memory and 8-10-year-olds. Paper presented at the Meetings for the Society for Research in Child Development, Washington, DC.

Truwit, C.L., Le, T.H., Lin, J.C., Hu, X., Carver, L., Thomas, K.M., **Monk, C.S.**, & Nelson, C.A. (1996, June). Functional MR imaging of working memory task activation in children: preliminary findings. Poster presented at the American Society of Neuroradiology, Seattle, WA.

Truwit, C.L., Le, T.H., Lin, J.C., Hu, X., Carver, L., Thomas, K.M., **Monk, C.S.**, & Nelson, C.A. (1996, June). Functional MR imaging of working memory task activation in children: preliminary findings. Poster presented at the Second International Conference on Functional Mapping of the Human Brain, Boston, MA.

#Graduate student or postdoc advisee at the University of Michigan

^Post-baccalaureate advisee at NIH

Awards and Fellowships

4.2003 – 8.2007 Research Career Award for the Transition to Independence (K22 Award),
National Institute of Mental Health

8.2000 – 3.2003 Postdoctoral Intramural Research Training Award, National Institute of Mental
Health

9.1999 – 6.2000	<u>Departmental Fellowship</u> , Institute of Child Development, University of Minnesota
9.1998 – 6.1999	<u>Eva O. Miller Fellowship</u> , Graduate School, University of Minnesota
9.1995 – 9.1998	<u>Predoctoral Traineeship</u> , National Institutes of Health, Center for Cognitive Sciences, University of Minnesota

Teaching Experience

1.2017-4.2017	<u>Instructor for Developmental Neuroscience of Human Behavior</u> (Psyc 758; 12 grad students; 1 postdoc), Dept of Psychology, University of Michigan
1.2016-4.2016	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 300 undergraduates), Dept of Psychology, University of Michigan
1.2015-4.2015	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 302 undergraduates), Dept of Psychology, University of Michigan
9.2014-12.2014	<u>Instructor for Developmental Neuroscience of Human Behavior</u> (Psyc 758; 13 grad students), Dept of Psychology, University of Michigan
1.2014-4.2014	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 303 undergraduates), Dept of Psychology, University of Michigan
9.2013-12.2013	<u>Instructor for Developmental Neuroscience of Human Behavior</u> (Psyc 758; 11 grad students), Dept of Psychology, University of Michigan
1.2012-4.2012	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 300 undergraduates), Dept of Psychology, University of Michigan
1.2011-4.2011	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 280 undergraduates), Dept of Psychology, University of Michigan
1.2010-4.2010	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 299 undergraduates), Dept of Psychology, University of Michigan
1.2009-4.2009	<u>Instructor for Developmental Neuroscience of Human Behavior</u> (Psyc 758; 13 grad students), Dept of Psychology, University of Michigan
1.2009-4.2009	<u>Instructor for Human Developmental Neuroscience</u> (Psyc 400-002; 26 undergraduates), Dept of Psychology, University of Michigan
1.2008-4.2008	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 298 undergraduates), Dept of Psychology, University of Michigan
1.2007-4.2007	<u>Instructor for Introduction to Developmental Psychology</u> (Psyc 250; 150 undergraduates), Dept of Psychology, University of Michigan
1.2006-4.2006	<u>Instructor for Developmental Neuroscience</u> (Psyc 808-008; 8 grad students), Dept. of Psychology, University of Michigan
6.1999 – 7.1999	<u>Instructor for Infancy</u> (CPsy 5302; 20 undergraduates), Institute of Child Development, University of Minnesota
9.1998 – 12.1998	<u>Instructor for Introduction to Child Psychology</u> (CPsy 1301; 16 undergraduates), Institute of Child Development, University of Minnesota

Doctoral Students

2016 – Present	<u>Leigh Gayle Goetschius</u> , Psychology, U. of Michigan, Chair
2014 – Present	<u>Jaime Munoz-Velazquez</u> , Psychology, U. of Michigan, Chair
2013 – Present	<u>Tyler Hein</u> , Psychology, U. of Michigan, Chair
2011 – 2016	<u>Francisco Velasquez</u> (NSF Fellow), Psychology, U. of Michigan, Chair. Now a postdoctoral fellow at the University of Washington Medical School.
2008 - 2013	<u>Johnna Swartz</u> , Psychology, U. of Michigan, Chair. Now an Assistant Professor of Human Ecology at U.C. Davis.
2007 - 2013	<u>Jillian Wiggins</u> , Psychology, U. of Michigan, Chair. Now Assistant Professor of Psychology at San Diego State University.

- 2008 - 2012 Melisa Carrasco (NIH NRSA Fellow), Neuroscience, U. of Michigan, Co-Chair. Resident in Pediatric Neurology at Johns Hopkins Hospital.
- 2006 - 2009 Shih-Jen Weng Psychology, U. of Michigan, Chair. Now a research fellow at the Institute of Mental Health, Singapore.

Postdoctoral Fellows

- 2014 – 2017 Whit Mattson, Psychology, U. of Michigan. Now an assistant research scientist at Nationwide Children's Hospital

Professional Service and Administrative Experience

National

- 2013-Present Associate Editor, Social Cognitive and Affective Neuroscience
- 2012-2018 Member of the Child Psychopathology and Developmental Disability (CPDD) Study Section, National Institutes of Health
- 2012 Reviewer for Autism Speaks treatment grants, San Francisco, CA.
- 2012 Reviewer for Society for Research in Child Development Biennial Meeting
- 2011 Reviewer for Autism Speaks treatment grants, San Francisco, CA.
- 2011 Invited workshop participant for NIMH Research Domain Criteria (RDoC) on Negative Affect, Rockville, MD.
- 2011, 2010 Member (ad hoc) of the Child Psychopathology and Developmental Disabilities (CPDD) Study Section, National Institutes of Health
- 2010 Reviewer for Autism Speaks Trailblazer Award grants
- 2010 Reviewer for Society for Research in Child Development Biennial Meeting
- 2010-2011 Chair of Developmental Area Prelim Exam Committee, Dept of Psychology, UM
- 2010-2011 Member of the Graduate Curriculum Committee, Dept. of Psychology, UM
- 2010-2012 Faculty advisor for Autism Speaks U at the University of Michigan
- 2009 Member of Special Emphasis Panel/Scientific Review Group on Autism, National Institutes of Health, National Institute of Mental Health
- 2009 Mail Reviewer for Special Emphasis Panel/Scientific Review Group on Autism, National Institutes of Health, National Institute of Mental Health
- 2010 Ad hoc reviewer, *Developmental Psychology*
- 2010 - Present Ad hoc reviewer, *Archives of General Psychiatry*
- 2010 Ad hoc reviewer, *Depression and Anxiety*
- 2009 – Present Ad hoc reviewer, *Developmental Science*
- 2009 – Present Ad hoc reviewer, *Journal of the American Academy of Child and Adolescent Psychiatry*
- 2005- Present Ad hoc reviewer, *Journal of Cognitive Neuroscience*
- 2005- Present Ad hoc reviewer, *American Journal of Psychiatry*
- 2004 - Present Ad hoc reviewer *Journal of Child Psychology and Psychiatry*
- 2003 Ad hoc reviewer for a research grant application, Israel Science Foundation
- 2003 - Present Ad hoc reviewer, *NeuroImage*
- 2002 Ad hoc reviewer for a research grant application, Broad Medical Research Program, The Eli and Edythe L. Broad Foundation
- 2001 – Present Ad hoc reviewer, *Biological Psychiatry*

University and Department

- 2015-Present Chair, Developmental Area, Dept. of Psychology, UM
- 2015-2017 Member, Executive Committee, Neuroscience Program, UM
- 2014-2015 Member, Executive Committee, Dept. of Psychology, UM
- 2014-2015 Member, Neuroscience Search Committee, Dept. of Psychology, UM
- 2014, 2015 Member and Chair, Third Year Review Committees, Dept. of Psychology, UM
- 2013-2015 Member, Steering Committee, Center for Human Growth and Development, UM
- 2013-2014 Member, Prelim Exam Committee (Developmental Area, Psychology)

05-24-2017

2011-2012	Member of Search Committee for Clinical Position, Dept. of Psychology, UM
2011-2012	Member of Developmental Area Graduate Curriculum Committee, Dept. of Psychology, UM
2011-2012	Chair, Prelim Exam Committee (Developmental Area, Psychology)
2009 – 2010	Member, Prelim Exam Committee (Developmental Area, Psychology)
2007 – 2009	Member, Search Committee for Developmental Position, Dept. of Psychology, UM
2007 – 2009	Member, Steering Committee, Center for Human Growth and Development, UM
2006 and 2007	Member of the Augmented Executive Committee, Dept. of Psychology, UM

Professional Societies

Society for Research in Child Development
American College of Neuropsychopharmacology (Associate Member)
Society of Biological Psychiatry