
Margaret A. Sheridan

Curriculum Vitae

Personal

Address: (Office) Davie Hall, 235 E. Cameron Street, Office 248 Chapel Hill, NC 27599
(Home) 311 McCauley Street, Chapel Hill, NC 27516
Phone: (Office) 919-962-3993 (Home) 734-276-0246
Email: sheridan.margaret@unc.edu
NC Psychology License Number: 103314

Education

2007-2010 Robert Wood Johnson Health and Society Scholar
(Neuroscience / Public Health)
Charles A. Nelson, PhD & Ichiro Kiawachi, MD
Harvard School of Public Health & Boston Children's Hospital: Boston, MA

2006-2007 Clinical Internship
Bellevue Hospital/NYU Child Study Center: New York, NY

2001-2007 PhD, Clinical Psychology
Mark D'Esposito, MD/Stephen Hinshaw, PhD
University of California, Berkeley: Berkeley, CA

1999 B.S. with Honors in Psychology
Michigan State University: East Lansing, MI

Professional Experience

Tenure Track Positions

2020- *pres.* Associate Professor, University of North Carolina, Chapel Hill
2015- 2020 Assistant Professor, University of North Carolina, Chapel Hill
2013-2015 Assistant Professor, Harvard Medical School at Boston Children's Hospital
2010-2013 Instructor, Harvard Medical School at Boston Children's Hospital

Affiliated Positions

2021-*pres.* Affiliated Faculty, Carolina Center for Population Aging and Health
2021-*pres.* Faculty Fellow, Frank Porter Graham Child Development Institute
2015-*pres.* Affiliated Faculty, Carolina Institute for Developmental Disabilities
2013-2015 Affiliated Faculty, Harvard Graduate School of Education
2011-2015 Affiliated Faculty, Harvard Center for the Developing Child
Affiliated Faculty, Harvard Center for Population Health
2008-2010 Visiting Scientist (Neuroscience) with John Gabrieli, PhD
Massachusetts Institute of Technology: Cambridge, MA

Bibliography

Books and Chapters

Indicates student or mentee

1. **Sheridan MA** and McLaughlin KA (2020) Neurodevelopmental Mechanisms linking ACEs with Psychopathology. In: *Adverse Childhood Experiences (ACEs): Using Evidence to Advance Research, Practice, Policy and Prevention*, (Eds) T Afifi and G Asmundson.
2. **Sheridan MA** and Bard K (2017) Neural Consequences of Infant Attachment. In: *The Cultural Nature of Attachment: Contextualizing Relationships and Development*, (Eds) H Keller and K A Bard. *Strüngmann Forum Reports, vol. 22*, J Lupp, series editor. Cambridge, MA: MIT Press, pp 243-255. (**Winner 2018 Ursula Gielen Global Psychology Book Award – APA Division 52**)
3. Bennett AJ, Hopkins WD, Feldman R, Gazzola V, Giedd J, Lamb ME, Scheele D, **Sheridan MA**, Suomi SJ, Tomoda A, and Tottenham N (2017) Neural Foundations of Variability in Attachment In: *The Cultural Nature of Attachment: Contextualizing Relationships and Development*, (Eds) H Keller and K A Bard. *Strüngmann Forum Reports, vol. 22*, J Lupp, series editor. Cambridge, MA: MIT Press, pp 243-255.
4. **Sheridan MA** (2017) The Neurobiologic Embedding of Childhood Socioeconomic Status. In: *Routledge Handbook of Neuroethics*, (Eds) S Johnson and K Rommelfanger. Taylor & Francis, pp. 457-468
5. #Busso D and **Sheridan MA** (2015) Toxic Environments and Human Development. In: *Salem Health: Psychology & Behavioral Health, 4th Edition*. (Ed) N Piotrowski.
6. McLaughlin KA, **Sheridan MA**, Nelson C (2013) Adverse childhood experiences and brain development: neurobiological mechanisms linking the social environment to psychiatric disorders In: *A Life Course Approach to Mental Disorders* (Eds) K Koenen, S Rudenstine, E Susser, and S Galea
7. Nelson CA and **Sheridan MA** (2011) Lessons from Neuroscience Research for Understanding Causal Links between Family and Neighborhood Characteristics and Educational Outcomes. In: *Whither Opportunity: Rethinking the Role of Neighborhoods and Families on Schools and School Outcomes for American Children* (Eds) R Murnane and G Duncan
8. **Sheridan MA** & Nelson CA (2009) Neurobiology of Fetal and Infant Development: Implications for Infant Mental Health In *Handbook of Infant Mental Health* (Ed) CH Zeanah

Peer Reviewed Publications in print

Indicates current or former trainee

h-index as of 4/26/22 h index – 56; i-index – 111

2022

1. #Berman I, McLaughlin KA, Tottenham N, Godfrey L, Seeman T, Loucks EB, Soumi S, Danese A, & **Sheridan MA**. (2022) Measuring Early Life Adversity Across the Lifespan. *Development & Psychopathology* 1-13.

2. DeCross, S. N., Sambrook, K. A., **Sheridan, M. A.**, Tottenham, N., & McLaughlin, K. A. (2022). Dynamic Alterations in Neural Networks Supporting Aversive Learning in Children Exposed to Trauma: Neural Mechanisms Underlying Psychopathology. *Biological Psychiatry* 91(7), 667-675.
3. #Naudé AR, #Machlin L, #Furlong S, **Sheridan MA** (2022) Threat responsivity predicts posttraumatic stress disorder hyperarousal symptoms in children after Hurricane Florence. *Cognitive, Affective, & Behavioral Neuroscience*, 1-13
4. Ellis BJ, **Sheridan MA**, Belsky J, McLaughlin KA (2022) Why and how does early adversity influence development? Toward an integrated model of dimensions of environmental experience. *Development and Psychopathology*, 1-25
5. Tang A, McLaughlin KA, **Sheridan MA**, Nelson CA, Zeanah CH, Fox NA (2022) Autonomic reactivity to social rejection, peer difficulties, and the buffering effects of adolescent friendships following early psychosocial deprivation. *Emotion* 22 (2), 318
6. **Sheridan MA** & McLaughlin KA (2022) Introduction to the special issue on childhood adversity and neurodevelopment. *Developmental Cognitive Neuroscience*, 101082-101082
7. Schulz CC, von Klitzing K, Deserno L, **Sheridan MA**, Crowley MJ, Schoett MJS, Hoffmann F, Villringer A, Vrticka P, White LO (2022) Emotional maltreatment and neglect impact neural activation upon exclusion in early and mid-adolescence: An event-related fMRI study. *Development and psychopathology*, 1-13
8. McGinnis EW, **Sheridan M**, Copeland WE (2022) Impact of dimensions of early adversity on adult health and functioning: A 2-decade, longitudinal study. *Development and Psychopathology*, 1-12
9. Sun S, **Sheridan M**, Tyrka A, Donofry SD, Erickson K, Loucks E (2022) Addressing the Biological Embedding of Early Life Adversities (ELA) among Adults through Mindfulness: Proposed Mechanisms and Review of Converging Evidence. *Neuroscience & Biobehavioral Reviews*, 104526

2021

10. Weissman DG, Rodman AM, Rosen ML, Kasperek S, Mayes M, **Sheridan MA**, Lengua LJ, Meltzoff AN, McLaughlin KA (2021) Contributions of emotion regulation and brain structure and function to adolescent internalizing problems and stress vulnerability during the COVID-19 pandemic: A longitudinal study. *Biological psychiatry global open science* 1 (4), 272-282
11. McLaughlin KA, **Sheridan MA**, Humphreys KL, Belsky J, Ellis BJ (2021) The value of dimensional models of early experience: Thinking clearly about concepts and categories *Perspectives on Psychological Science* 16 (6), 1463-1472

12. #Machlin L, Gruhn MA, Miller AB, Milojevich HM, Motton S, Findley A, Patel K, Mitchell A, Martinez DN, and **MA Sheridan** (2021). Predictors of family violence in North Carolina following initial COVID-19 stay-at-home orders. *Child abuse & neglect*, 105376.
13. Johnson, D., Policelli, J., Li, M., Dharamsi, A., Hu, Q., **Sheridan, MA.**, McLaughlin, K. A., & Wade, M. (2021). Associations of early-life threat and deprivation with executive functioning in childhood and adolescence: A systematic review and meta-analysis. *JAMA Pediatrics*, e212511–e212511.
14. Donofry, S. D., Stillman, C. M., Hanson, J. L., **Sheridan, MA.**, Sun, S., Loucks, E. B., & Erickson, K. I. (2021). Promoting brain health through physical activity among adults exposed to early life adversity: Potential mechanisms and theoretical framework. *Neuroscience & Biobehavioral Reviews*
15. #Woodburn, M., Bricken, C. L., Wu, Z., Li, G., Wang, L., Lin, W., **Sheridan, MA,** & Cohen, J. R. (2021). The maturation and cognitive relevance of structural brain network organization from early infancy to childhood. *NeuroImage*, 118232
16. #Lurie LA, Hagen MKP, McLaughlin KA, **Sheridan MA**, Meltzoff AN, Rosen M (2021) Mechanisms linking socioeconomic status and academic achievement in early childhood: Cognitive stimulation and language. *Cognitive Development* 58, 101045
17. Susman ES, Weissman DG, **Sheridan MA**, & McLaughlin KA (2021). High vagal tone and rapid extinction learning as potential transdiagnostic protective factors following childhood violence exposure. *Developmental psychobiology*, 63(6), e22176.
18. Cuartas J, Weissman, DG, **Sheridan MA**, Lengua L, & McLaughlin KA. (2021). Corporal punishment and elevated neural response to threat in children. *Child development*.
19. Kim SG, Weissman DG, **Sheridan MA**, & McLaughlin KA (2021). Child abuse and automatic emotion regulation in children and adolescents. *Development and Psychopathology*, 1–11.
20. McNeish D, Bauer DJ, Dumas D, Clements DH, Cohen JR, Lin W, Sarama J & **Sheridan M A** (2021). Modeling individual differences in the timing of change onset and offset. *Psychological Methods*
21. #Milojevich, H. M., Lindquist, K. A., & Sheridan, M. A. (2021). Adversity and Emotional Functioning. *Affective Science*, 1–21.
22. Weissman, D. G., Rosen, M. L., Colich, N., Sambrook, K., Lengua, L., Sheridan, M. A., & McLaughlin, K. A. (2021). Exposure to violence as an environmental pathway linking low socioeconomic status with altered neural processing of threat and adolescent psychopathology.
23. #Meyer KN, Davidow JY, Van Dijk KRA, Santillana RM, Snyder J, Bustamante CMV, Hollinshead M, Rosen BR, Somerville LH, & **Sheridan MA** (2021). History of conditioned reward association disrupts inhibitory control: An examination of neural correlates. *NeuroImage*, 227, 117629. <https://doi.org/10.1016/j.neuroimage.2020.117629>

24. #Salhi C, Beatriz E, McBain R, McCoy D, **Sheridan M**, & Fink G (2021) Physical Discipline, Deprivation, and Differential Risk of Developmental Delay Across 17 Countries. *Journal of the American Academy of Child & Adolescent Psychiatry*, 60(2), 296–306. <https://doi.org/10.1016/j.jaac.2020.02.016>
25. Miller AB, #Machlin L, McLaughlin KA, & **Sheridan MA** (2021). Deprivation and psychopathology in the Fragile Families Study: A 15-year longitudinal investigation. *Journal of Child Psychology and Psychiatry*, jcpp.13260. <https://doi.org/10.1111/jcpp.13260>
26. Colich, N. L., Sheridan, M. A., Humphreys, K. L., Wade, M., Tibu, F., Nelson, C. A., Zeanah, C. H., Fox, N. A., & McLaughlin, K. A. (2021). Heightened sensitivity to the caregiving environment during adolescence: Implications for recovery following early-life adversity. *Journal of Child Psychology and Psychiatry*, 62(8).

2020

27. Botvinik-Nezer R, Holzmeister F, Camerer C F, Dreber A, Huber J, Johannesson M, Kirchler M, Iwanir R, Mumford J A, Adcock R A, Avesani P, Baczkowski B M, Bajracharya A, Bakst L, Ball S, Barilari M, Bault N, Beaton D, Beitner J, ... Schonberg T (2020). Variability in the analysis of a single neuroimaging dataset by many teams. *Nature*, 582(7810), 84–88. <https://doi.org/10.1038/s41586-020-2314-9>
28. Cohen J, Eom K, Henry T, Bricken C, Cejas D, Politte L, & **Sheridan M** (2020) Dynamic Reconfiguration of Functional Brain Networks in ADHD After Methylphenidate Administration Relates to Improvements in Response Control. *Biological Psychiatry*, 87(9), S19. <https://doi.org/10.1016/j.biopsych.2020.02.074>
29. #Furlong, S, Cohen JR, Hopfinger J, #Snyder J, #Robertson MM, & **Sheridan, MA** (2020). Resting-state EEG Connectivity in Young Children with ADHD. *Journal of Clinical Child & Adolescent Psychology*, 0(0), 1–17. <https://doi.org/10.1080/15374416.2020.1796680>
30. Gee D, Colich N, **Sheridan M**, Pine D, & McLaughlin K (2020). Youth Exposed to Maltreatment Show Age-Related Alterations in Hippocampal-Fronto-Amygdala Function During Extinction Recall. *Biological Psychiatry*, 87(9), S104. <https://doi.org/10.1016/j.biopsych.2020.02.284>
31. Kim H Y, Brown L, Tubbs Dolan C, **Sheridan M**, & Aber JL (2020). Post-migration risks, developmental processes, and learning among Syrian refugee children in Lebanon. *Journal of Applied Developmental Psychology*, 69, 101142. <https://doi.org/10.1016/j.appdev.2020.101142>
32. #Meyer KN, Santillana R, Miller B, Clapp W, Way M, Bridgman-Goines K, & **Sheridan MA** (2020). Computer-based inhibitory control training in children with Attention-Deficit/Hyperactivity Disorder (ADHD): Evidence for behavioral and neural impact. *PLOS ONE*, 15(11), e0241352. <https://doi.org/10.1371/journal.pone.0241352>

33. #Meyer KN, **Sheridan MA**, & Hopfinger J B (2020) Reward history impacts attentional orienting and inhibitory control on untrained tasks. *Attention, Perception, & Psychophysics*, 82(8), 3842–3862. <https://doi.org/10.3758/s13414-020-02130-y>
34. #Milojevich H M, #Machlin L, & **Sheridan MA** (2020). Early adversity and children's emotion regulation: Differential roles of parent emotion regulation and adversity exposure. *Development and Psychopathology*, 32(5), 1788–1798. <https://doi.org/10.1017/S0954579420001273>
35. #Rodriguez-Thompson AM, Meyer KM, Davidow JY, Van Dijk KRA, Santillana RM, Snyder J, Vidal Bustamante CM, Hollinshead MO, Rosen BR, Somerville LH, & **Sheridan MA** (2020). Examining cognitive control and reward interactions in adolescent externalizing symptoms. *Developmental Cognitive Neuroscience*, 45, 100813. <https://doi.org/10.1016/j.dcn.2020.100813>
36. #Rosen ML, Hagen MP, Lurie LA, Miles ZE, **Sheridan MA**, Meltzoff AN, & McLaughlin KA (2020). Cognitive Stimulation as a Mechanism Linking Socioeconomic Status With Executive Function: A Longitudinal Investigation. *Child Development*, 91(4), e762–e779. <https://doi.org/10.1111/cdev.13315>
37. **Sheridan MA**, Shi F, Miller AB, Salhi C, & McLaughlin KA (2020) Network structure reveals clusters of associations between childhood adversities and development outcomes. *Developmental Science*, 23(5), e12934. <https://doi.org/10.1111/desc.12934>
38. Vaughn-Coaxum R A, Dhawan N, **Sheridan MA**, Hart M J, & Weisz J R (2020). Dimensions of adversity in association with adolescents' depression symptoms: Distinct moderating roles of cognitive and autonomic function. *Development and Psychopathology*, 32(3), 817–830. <https://doi.org/10.1017/S0954579419001172>
39. Volk H., & **Sheridan MA** (2020) Investigating the impact of the environment on neurodevelopmental disorder. *Journal of Neurodevelopmental Disorders*, 12(1), 43. <https://doi.org/10.1186/s11689-020-09345-y>
40. Wade M, **Sheridan MA**, Zeanah CH, Fox NA, Nelson CA, & McLaughlin KA (2020). Environmental determinants of physiological reactivity to stress: The interacting effects of early life deprivation, caregiving quality, and stressful life events. *Development and Psychopathology*, 32(5), 1732–1742. <https://doi.org/10.1017/S0954579420001327>
41. Weissman DG, Lambert H K, Rodman A M, Peverill M, **Sheridan MA**, & McLaughlin KA (2020). Reduced hippocampal and amygdala volume as a mechanism underlying stress sensitization to depression following childhood trauma. *Depression and Anxiety*, 37(9), 916–925. <https://doi.org/10.1002/da.23062>
42. Yuan H, Ocansey M, Oaks B, **Sheridan M**, Okronipa H, Hamoudi A, Kumordzie S, Adu-Afarwuah S, & Prado E (2020). Feasibility of Using Tablet-Based Cognitive Assessments in a Large Randomized Trial in Ghana. *Current Developments in Nutrition*, 4(Supplement_2), 1110–1110. https://doi.org/10.1093/cdn/nzaa054_182

43. #Robertson MM, Furlong S, Voytek B, Donoghue T, Boettiger C, **Sheridan MA** (2019) Quantifying the EEG Power Spectrum in Early Childhood ADHD. *Journal of Neurophysiology*. 122: 2427–2437, <https://doi.org/10.1152/jn.00388.2019>
44. #Chen A, Hadfield K, Panter-Brick C, **Sheridan MA** (2019) Dimensions of childhood adversity and cognitive function in Syrian refugee adolescents *Child Development*, 90(6) 1856-65, <https://doi.org/10.1111/cdev.13320>
45. Lambert HK, Peverill MR, Sambrook KA, Rosen ML, **Sheridan MA**, McLaughlin KA (2019) Altered Development of Hippocampus-Dependent Associative Learning following Early-Life Adversity. *Developmental Cognitive Neuroscience*. <https://doi.org/10.1016/j.dcn.2019.100666>
46. #Machlin L, McLaughlin KA, **Sheridan MA** (2019) In structure mediates the association between socioeconomic status and ADHD symptoms. *Developmental Science*. e12844. <https://doi.org/10.1111/desc.12844>
47. #Machlin L, Miller A, Snyder J, McLaughlin KA, **Sheridan MA** (2019). The Impact of Dimensions of Experience on Behavior: Examining the Role of Deprivation and Threat in Early Childhood. *Frontiers in Behavioral Neuroscience*, 13, <https://doi.org/10.3389/fnbeh.2019.00080>.
48. Weissman DG, Bitran D, Miller AB, Schaefer JD, **Sheridan MA**, McLaughlin KA. (2019) Difficulties with emotion regulation as a transdiagnostic mechanism linking child maltreatment with the emergence of psychopathology. *Development and Psychopathology*. Apr 8:1-17. doi: 10.1017/S0954579419000348. PMID:30957738
49. #Ford C B, Kim HY, Brown L, Abers L, **Sheridan MA** (2019) A Cognitive Assessment Tool Designed For Data Collection In The Field In Low And Middle Income Countries. *Research in Comparative and International Education*, <https://doi.org/10.1177/1745499919829217>
50. #Miller AB, Prinstein MJ, Munier E, Machlin, L **Sheridan MA** (2019) The Effects of a Targeted Interpersonal Rejection on Emotion Reactivity and Regulation in a Sample of Adolescent Girls. *Journal of Cognitive Neuroscience*. 31(2):249-261. doi: 10.1162/jocn_a_01351
51. Dennison MJ, Rosen M, Sambrook KA, Jenness J L, **Sheridan MA**, & McLaughlin KA (2019). Differential Associations of Distinct Forms of Childhood Adversity With Neurobehavioral Measures of Reward Processing: A Developmental Pathway to Depression. *Child Development*, 90(1), e96–e113. <https://doi.org/10.1111/cdev.13011>

2018

52. #Fehlbaum LV, Raschle N, Menks WM, Prätzlich M, Flemming E, Wyss L, Euler F, **Sheridan MA**, Sterzer P, Stadler C (2018) Altered neuronal responses during an affective Stroop task in adolescents with conduct disorder. *Frontiers in Psychology* 9:1961. doi: 10.3389/fpsyg.2018.01961
53. #Finn A, Kharitonova M, Holtby N, **Sheridan MA** (2018) Prefrontal and hippocampal structure predict statistical learning ability in early childhood. *Journal of Cognitive Neuroscience*. Sep 21:1-12. doi: 10.1162/jocn_a_01342
54. #Davidow JY, **Sheridan MA**, Van Dijk K, Santillana R, Snyder J, Bustamante C, Rosen BR, Somerville LH (2018) Development of prefrontal cortical connectivity and the enduring effect of learned value on cognitive control. *Journal of Cognitive Neuroscience*. 29:1-14. doi: 10.1162/jocn_a_01331

55. **Sheridan MA**, McLaughlin KA, Winter W, Fox NA, Zeanah CH, Nelson CA (2018) Early deprivation disrupts development of associative learning leading to depression and social problems in adolescence. *Nature Communications*. 9(1), 2216. doi: 10.1038/s41467-018-04381-8
56. #Miller A, **Sheridan MA**, Hanson JL, McLaughlin KA, Bates JE, Lansford JE, Pettit GS, Dodge KA (2018) Dimensions of Deprivation and Threat, Psychopathology, and Potential Mediators: A Multi-Year Longitudinal Analysis. *Journal of Abnormal Psychology* 127(2), 160–170. <https://doi.org/10.1037/abn0000331>
57. #Miller A, McLaughlin KA, Busso D, Brueck S, Peverill M, **Sheridan MA** (2018) Neural Correlates of Emotion Regulation and Adolescent Suicidal Ideation. *Biological Psychiatry – Cognitive Neuroscience and Neuroimaging*. Volume 3, Issue 2, Pages 125-132
58. Logue MW, van Rooij SJH, Dennis EL, Davis SL, Hayes JP, Stevens JS, Densmore M, Haswell CC, Ipser J, Koch SB, Korgaonkar M, Lebois LAM, Peverill M, Baker JT, Boedhoe PSW, Frijling JL, Gruber SA, Harpaz-Rotem I, Jahanshad N, Koopowitz S, Levy I, Nawijn L, O'Connor L, Olf M, Salat DH, **Sheridan MA**, Spielberg JM, van Zuiden M, Winternitz SR, Wolff JD, Wolf EJ, Wang X, Wrocklage K, Abdallah CG, Bryant RA, Geuze E, Jovanovic T, Kaufman ML, King AP, Krystal JH, Lagopoulos J, Lanius R, Liberzon I, McGlinchey RE, McLaughlin K, Milberg WP, Miller MW, Ressler KJ, Veltman DJ, Stein DJ, Thomaes K, Thompson PM, Morey RA (2018) Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multi-Site ENIGMA-PGC Study (Subcortical Volumetry Results from PTSD Consortia) *Biological Psychiatry*, 83(3), 244–253. <https://doi.org/10.1016/j.biopsych.2017.09.006>
59. #Rosen ML, **Sheridan MA**, Sambrook KA, Meltzoff AN, McLaughlin KA (2018) Socioeconomic disparities in academic achievement: A multi-modal investigation of neural mechanisms in children and adolescents. *Neuroimage*, 173, 298-310
60. #Rosen ML, **Sheridan MA**, Sambrook KA, Peverill MR, Meltzoff AN, McLaughlin KA (2018) The role of visual association cortex in associative memory formation across development. *Journal of Cognitive Neuroscience*, 30(3), 365-380.
61. Humphreys KL, Miron D, McLaughlin KA, **Sheridan MA**, Nelson CA, Fox NA, Zeanah CH (2018) Foster care promotes adaptive functioning in early adolescence among children who experienced severe, early deprivation. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 59(7), 811–821. <https://doi.org/10.1111/jcpp.12865>
62. #Schaefer J, Moffitt TE, Arseneault L, Danese A, Fisher HL, Houts R, **Sheridan MA**, Wertz J, & Caspi A (2018) Adolescent Victimization and Early-Adult Psychopathology: Approaching Causal Inference Using a Longitudinal Twin Study to Rule Out Noncausal Explanations. *Clinical Psychological Science*, 6(3):352-371. doi: 10.1177/2167702617741381
63. Jenness JL, Rosen ML, Sambrook KA, Dennison MJ, Lambert HK, **Sheridan MA**, McLaughlin KA (2018) Violence exposure and neural systems underlying working memory for emotional stimuli in youth. *Development and Psychopathology* Oct;30(4):1517-1528. doi: 10.1017/S0954579417001638

2017

64. **Sheridan MA**, Peverill M, Finn A, McLaughlin KA (2017) Dimensions of Childhood Adversity have Distinct Associations with Neural Systems Underlying Executive Functioning. *Development and Psychopathology* 29(5), 1777–1794. <https://doi.org/10.1017/S0954579417001390>.

65. Blattman C, Jamison JC, & **Sheridan MA** (2017). Reducing Crime and Violence: Experimental Evidence from Cognitive Behavioral Therapy in Liberia. *American Economic Review*, 107(4), 1165–1206. <https://doi.org/10.1257/aer.20150503>
66. LeWinn, K Z, **Sheridan, MA**, Keyes, K M, Hamilton, A, & McLaughlin, K A (2017) Sample composition alters associations between age and brain structure. *Nature Communications*, 8(1), 874. <https://doi.org/10.1038/s41467-017-00908-7>
67. #Rosen ML, **Sheridan MA**, Sambrook KA, Dennison MJ, Jenness JL, Askren MK, Meltzoff AN, McLaughlin KA (2017) Salience network response to changes in emotional expressions of others is heightened during early adolescence: relevance for social functioning. *Developmental Science*. doi: 10.1111/desc.12571. [Epub ahead of print]
68. McLaughlin KA, **Sheridan MA**, Nelson CA. (2017) Neglect as a Violation of Species-Expectant Experience: Neurodevelopmental Consequences. *Biological Psychiatry* pii: S0006-3223(17)31218-0. doi: 10.1016/j.biopsych.2017.02.1096. [Epub ahead of print].
69. #Busso DS, McLaughlin KA, Brueck S, Peverill M, Gold AL, **Sheridan MA**. (2017) Child Abuse, Neural Structure, and Adolescent Psychopathology: A Longitudinal Study. *Journal of the American Academy of Child Adolescent Psychiatry*. 2017 Apr;56(4):321-328.e1. doi: 10.1016/j.jaac.2017.01.013. PMID:28335876
70. Lambert HK, **Sheridan MA**, Sambrook K, Rosen M, Askren MK, McLaughlin KA (2017) Hippocampal Contribution to Context Encoding across Development is Disrupted following Early-Life Adversity. *Journal of Neuroscience*. 2017 Jan 16. pii: 2618-16. doi: 10.1523/JNEUROSCI.2618-16.2017
71. Troller-Renfree S, McLaughlin KA, **Sheridan MA**, Nelson CA, Zeanah CH, Fox NA. (2017) The beneficial effects of a positive attention bias amongst children with a history of psychosocial deprivation. *Biol Psychol*. pii: S0301-0511(16)30101-6. doi: 10.1016/j.biopsycho.201.04.008.
72. Dennison MJ, **Sheridan MA**, Busso DS, Jenness JL, Peverill M, Rosen ML, McLaughlin KA (2017) Neurobehavioral markers of resilience to depression amongst adolescents exposed to child abuse. *J Abnorm Psychol*. 2017 Nov;125(8):1201-1212.

2016

73. #Busso DS, McLaughlin KA, **Sheridan MA** (2016) Exposure to Deprivation and Threat Differentially Impact Stress Reactivity and Subsequent Externalizing Psychopathology in Adolescence. *Psychosomatic Medicine*. Jul 15
74. **Sheridan MA**, McLaughlin KA (2016) Neurobiological models of the impact of adversity on education. *Current Opinion in Behavioral Sciences* 10, 108-113
75. McLaughlin KA, **Sheridan MA** (2016) Beyond Cumulative Risk: A Dimensional Approach to Childhood Adversity. *Current Directions in Psychological Science* 25,4, 239-45.
76. #Tibu F, **Sheridan MA**, McLaughlin KA, Nelson CA, Fox NA, Zeanah CH (2016) Reduced Working Memory Mediates the Link between Early Institutional Rearing and Symptoms of ADHD at 12 Years. *Front Psychol*. 2016 Nov 24;7:1850
77. Blattman C, Jamison J, Koroknay-Palicz T, Rodrigues K, **Sheridan MA** (2016) Measuring the measurement error: A method to qualitatively validate survey data. *Journal of Development Economics* 120, 99-112

78. Gold AL, **Sheridan MA**, Peverill M, Busso DS, Lambert HK, Alves S, Pine DS, McLaughlin KA (2016) Childhood abuse and reduced cortical thickness in brain regions involved in emotional processing. *J Child Psychol Psychiatry*. 2016 Oct;57(10):1154-64. doi: 10.1111/jcpp.12630
79. Jenness JL, Jager-Hyman S, Heleniak C, Beck AT, **Sheridan MA**, McLaughlin KA (2016) Catastrophizing, rumination, and reappraisal prospectively predict adolescent PTSD symptom onset following a terrorist attack. *Depression and Anxiety*. Aug 24. doi: 10.1002/da.22548. PMID: 27557454
80. #Peverill M, McLaughlin KA, Finn A, **Sheridan MA** (2016) Working Memory Continues to Develop into Late Adolescence. *Journal of Developmental Cognitive Neuroscience*. Apr;18:78-88. doi:10.1016/j.dcn.2016.02.004. PMID:27026657
81. Fan Q, Witzel T, Nummenmaa A, Van Dijk KR, Van Horn JD, Drews MK, Somerville LH, **Sheridan MA**, Santillana RM, Snyder J, Hedden T, Shaw EE, Hollinshead MO, Renvall V, Zanzonico R, Keil B, Cauley S, Polimeni JR, Tisdall D, Buckner RL, Wedeen VJ, Wald LL, Toga AW, Rosen BR. (2016) MGH-USC Human Connectome Project datasets with ultra-high b-value diffusion MRI. *Neuroimage*.124(Pt B):1108-14. doi: 10.1016/j.neuroimage.2015.08.075. PMID:26364861
82. #Finn A, Kalra PB, Goetz C, Leonard JA, **Sheridan MA**, Gabrieli JD. (2016) Developmental dissociation between the maturation of procedural memory and declarative memory. *J Exp Child Psychol*. 2016 Feb;142:212-20. doi: 10.1016/j.jecp.2015.09.027. PMID:26560675

2015

83. Humphreys KL, McGoron L, **Sheridan MA**, McLaughlin KA, Fox NA, Nelson CA, Zeanah CH (2015). High quality foster care mitigates callous-unemotional traits following early deprivation in boys: A randomized controlled trial. *J Am Acad Child Adolesc Psychiatry*. (12):977-83. doi: 10.1016/j.jaac.2015.09.010. Epub 2015 Oct 9. PMID:26598472
84. Christensen KA, Aldao A, **Sheridan MA**, McLaughlin KA. (2015) Habitual reappraisal in context: peer victimisation moderates its association with physiological reactivity to social stress. *Cogn Emot*. Dec 14:1-11. [Epub ahead of print]
85. McLaughlin KA, **Sheridan MA**, Gold AL, Duys A, Lambert HK, Peverill M, Heleniak C, Shechner T, Wojcieszak Z, Pine DS (2015) Maltreatment Exposure, Brain Structure, and Fear Conditioning in Children and Adolescents. *Neuropsychopharmacology*. doi: 10.1038/npp.2015.365. [Epub ahead of print]
86. #Tibu F, **Sheridan MA**, McLaughlin KA, Nelson CA, Fox NA, Zeanah CH (2015) Disruptions of working memory and inhibition mediate the association between exposure to institutionalization and symptoms of attention deficit hyperactivity disorder. *Psychological Medicine*. Oct 16:1-13. [Epub ahead of print] PMID:26470598
87. Sumner JA, **Sheridan MA**, Drury SS, Esteves KC, Walsh K, Koenen KC, McLaughlin KA (2015) Variation in CACNA1C is Associated with Amygdala Structure and Function in Adolescents. *J Child Adolesc Psychopharmacol*. 2015 Sep 24. [Epub ahead of print] PMID:26401721
88. Gooding HC, Milliren C, Austin SB, **Sheridan MA**, McLaughlin KA (2015) Exposure to violence in childhood is associated with higher body mass index in adolescence. pii: S0145-2134(15)00273-2. *Child Abuse Neglect*. PMID:26303827

89. McLaughlin KA, Peverill M, Gold AL, Alves S, **Sheridan MA** (2015) Child Maltreatment and Neural Systems Underlying Emotion Regulation. *Journal of the American Academy of Child Adolescent Psychiatry*. 54(9):753-62. PMID:26299297
90. Gooding HC, Milliren CE, Austin SB, **Sheridan MA**, McLaughlin KA (2015) Child Abuse, Resting Blood Pressure, and Blood Pressure Reactivity to Psychosocial Stress. *Journal of Pediatric Psychology*. pii: jsv040. PMID:25979082
91. #Kharitonova M, Winter W, **Sheridan MA** (2015) As Working Memory Grows: A Developmental Account of Neural Bases of Working Memory Capacity in 5- to 8-Year Old Children and Adults. *Journal of Cognitive Neuroscience*. 27(9):1775-88. doi: 10.1162/jocn_a_00824. PMID:25961641
92. #Rotenstein LS, **Sheridan MA**, Garg R, Adler GK (2015) Effect of mineralocorticoid receptor blockade on hippocampal-dependent memory in adults with obesity. *Obesity*. 23(6):1136-42. doi: 10.1002/oby.21104. PMID:25959271
93. #Saygin ZM, Osher DE, Koldewyn K, Martin RE, Finn A, Saxe R, Gabrieli JDE, **Sheridan MA** (2015) Structural connectivity of the developing human amygdala. *PLOS-1*. 10(4):e0125170. doi: 10.1371/journal.pone.0125170.
94. McLaughlin KA, **Sheridan MA**, Tibuc F, Fox NA, Zeanah CH, Nelson CA (2015) Causal effects of the early caregiving environment on development of stress response systems in children. *Proceedings of National Academy of Sciences*. 112(18):5637-42. doi: 10.1073/pnas.1423363112
95. Sumner JA, McLaughlin KA, Walsh K, **Sheridan MA**, Koenen KC (2015) Caregiving and 5-HTTLPR Genotype Predict Adolescent Physiological Stress Reactivity: Confirmatory Tests of Gene × Environment Interactions. *Child Development* 2015 Mar 3. doi: 10.1111/cdev.12357. PMID:2573107
96. Brett ZH, **Sheridan MA**, Humphreys K, Smyke A, Gleason MM, Fox N, Zeanah C, Nelson C, Drury S (2015) A neurogenetics approach to defining differential susceptibility to institutional care. *International Journal Behavioral Development* Mar;39(2):150-160. PMID:25663728

2014

97. McLaughlin KA, **Sheridan MA**, Lambert HK (2014) Childhood adversity and neural development: deprivation and threat as distinct dimensions of early experience. *Neuroscience Biobehavioral Reviews*. Nov;47:578-91.
98. **Sheridan MA** & McLaughlin KA (2014) Childhood adversity and neural development: deprivation and threat as distinct dimensions of early experience. *Trends in Cognitive Neuroscience*. 2014 Nov;18(11):580-5. doi: 10.1016/j.tics.2014.09.001
99. McLaughlin KA, **Sheridan MA**, Alves S, Mendes W (2014). Child maltreatment and autonomic nervous system reactivity: identifying dysregulated stress reactivity patterns by using the biopsychosocial model of challenge and threat. *Psychosomatic Medicine*, Sep;76(7):538-46. doi: 10.1097/PSY.000000000000098. PMID: 25170753
100. McLaughlin KA, Busso DS, Duys A, Green JG, Alves S, Way M, **Sheridan MA** (2014) Amygdala response to negative stimuli predicts PTSD symptom onset following a terrorist attack. *Depression and Anxiety*. Oct;31(10):834-42. doi: 10.1002/da.22284. PMID: 24995938
101. #Busso DS, McLaughlin KA, **Sheridan MA** (2014) Media exposure and sympathetic nervous system reactivity predict PTSD symptoms after

the Boston marathon bombings. *Depression and Anxiety*. Jul;31(7):551-8. doi: 10.1002/da.22282. PMID: 24995832

102. Sumner JA, McLaughlin KA, Walsh K, **Sheridan MA**, Koenen KC (2014) CRHR1 genotype and history of maltreatment predict cortisol reactivity to stress in adolescents. *Psychoneuroendocrinolog*. May;43:71-80. doi: 10.1016/j.psyneuen.2014.02.002. PMID: 24703172
103. **Sheridan MA**, Kharitonova M, Martin R, Gabrieli, JDE (2014) Neural substrates of the development of cognitive control in children 5-10 years of age. *Journal of Cognitive Neuroscience*. Aug;26(8):1840-50. doi: 10.1162/jocn_a_00597. PMID: 24650280
104. Rith-Najarian, LR, McLaughlin KA, **Sheridan MA**, Nock M (2014) The biopsychosocial model of stress in adolescence: Self-awareness of performance versus stress reactivity. *Stress*. Mar;17(2):193-203. doi: 10.3109/10253890.2014.891102. PMCID:24491123
105. #Law E, Sideridis G, Albers Prock L, **Sheridan MA** (2014) Attention-Deficit/Hyperactivity Disorder in Young Children: Predictors of Diagnostic Stability. *Pediatrics*.
106. #Winter W and **Sheridan MA** (2014) Previous reward decreases errors of commission on later "No-Go" trials in children 4 to 12 years of age: Evidence for a context monitoring account *Developmental Science*. Sep;17(5):797-807. doi: 10.1111/desc.12168. PMID: 24636228
107. #Finn A, Kraft MA, West MR, Leonard J, Bish CE, Martin, RE, **Sheridan MA**, Gabrieli CFO and Gabrieli JDE (2014) Cognitive Skills, Student Achievement Tests, and Schools, *Psychological Science*. Mar;25(3):736-44. doi: 10.1177/0956797613516008.PMID: 24434238
108. McLaughlin KA, Alves S, **Sheridan MA** (2014) Vagal regulation and internalizing psychopathology among adolescents exposed to childhood adversity. *Developmental Psychobiology*. Jul;56(5):1036-51. doi: 10.1002/dev.21187. PMID: 24338154
109. McLaughlin KA, **Sheridan MA**, Winter W, Fox N, Zeanah C, Nelson C (2014) Widespread reductions in cortical thickness following severe early-life deprivation: A neurodevelopmental pathway to ADHD. *Biological Psychiatry*. Oct 15;76(8):629-38. doi: 10.1016/j.biopsych.2013.08.016. PMID: 24090797

2013

110. McLaughlin KA, Rith-Najarian L, Dirks MA, **Sheridan MA** (2013). Low vagal tone magnifies the association between psychosocial stress exposure and internalizing psychopathology in adolescents. *Journal of Clinical Child and Adolescent Psychology*. PMID: 24156380
111. #Khartinova M, Martin R, Gabrieli J, **Sheridan MA** (2013) Cortical grey-matter thinning is associated with age-related improvements on executive function tasks *Journal of Developmental Cognitive Neuroscience*. 6, 61-71
112. **Sheridan MA**, How J, Araujo M, Schamberg M, Nelson CA (2013) What are the Links Between Maternal Social Status, Hippocampal Function, and HPA Axis Function in Children? *Developmental Science* 16 (5), 665-675

113. #Miller M, **Sheridan MA**, Cardoos SL, Hinshaw SP (2013) Impaired decision-making as a young adult outcome of girls diagnosed with ADHD in childhood. *Journal of the International Neuropsychological Society*. 19(1):110-4
- 2012
114. **Sheridan MA**, McLaughlin KA, Fox NA, Zeanah C, Nelson CA (2012) Variation in neural development as a result of exposure to institutionalization early in childhood. *Proceedings of the National Academy of Sciences* vol. 109(32):12927-12932 doi: 10.1073/pnas.1200041109
115. **Sheridan MA**, Sarsour K, Jutte D, D'Esposito M, Boyce WT (2012) Social disparity and prefrontal function in childhood? *PLoSone*, 7(4):e35744
- 2011
116. Sarsour K, **Sheridan MA**, Jutte D, Nuru-Jeter A, Hinshaw S, Boyce W (2011) Family Socioeconomic Status and Child Executive Functions: The Roles of Language, Home Environment and Single Parenthood *Journal of International Neuropsychological Society*, 17(1): 120-32.
- 2010
117. **Sheridan MA**, Drury S, McLaughlin KA, Almas A (2010) Early institutionalization neurobiological consequences and genetic modifiers. *Neuropsychology Reviews*. 20(4):414-29.
118. #Finn A, **Sheridan MA**, Hinshaw S, Hudson-Camm C, D'Esposito M (2010) Longitudinal evidence for functional specialization of the neural circuit supporting working memory in the human brain *Journal of Neuroscience*, 30(33):11062-7.
119. **Sheridan MA**, Hinshaw S, D'Esposito M (2010) An fMRI study of working memory on and off stimulant medication in adolescents with ADHD *Journal of Attention Disorders*, 14(1), 69-78.
120. McLaughlin KA, Fox NA, Zeanah CH, **Sheridan MA**, Marshall PJ, Nelson CA (2010) Delayed Maturation in Brain Activity Explains the Association between Early Environmental Deprivation and Symptoms of Attention-Deficit/Hyperactivity Disorder (ADHD) *Biological Psychiatry*.
121. Cools R, Miyakawa A, **Sheridan MA**, D'Esposito M (2010) Enhanced frontal function in Parkinson's disease. *Brain*. 133(Pt 1):225-33. 2009 and earlier
- Tottenham N and **Sheridan MA** (2009) A review of adversity, the amygdala and the hippocampus: a consideration of developmental timing *Frontiers in Neuroscience*, 3(4).
122. Cools R, **Sheridan MA**, Jacobs E, D'Esposito M (2007) Impulsive personality predicts dopamine-dependent changes in fronto-striatal activity during component processes of working memory *Journal of Neuroscience* Vol 27(20), pg. 5506-14.
123. **Sheridan MA**, Hinshaw S, D'Esposito M (2007) Efficiency of the Prefrontal Cortex during Working Memory in Attention-deficit/Hyperactivity Disorder *Journal of the American Academy of Child and Adolescent Psychiatry* Vol 46(10), pg.1357-66
124. Gazzaley A, **Sheridan MA**, Cooney J (2007) Age-Related Deficits in Component Processes of Working Memory *Neuropsychology* Vol 21(5), pg. 532-539
125. Zacks JM, **Sheridan MA**, Ollinger JM (2002) A parametric study of mental spatial transformations of bodies *NeuroImage* Vol 16, pg.857-872

126. Zacks JM,, Braver T, **Sheridan MA**, Donaldson DI, Snyder AZ, Ollinger JM, Buckner RL, Raichle ME (2001) Human brain activity time-locked to perceptual event boundaries. *Nature Neuroscience* Vol 4(6), pg.651-655
127. Buckner RL, Wheeler ME, **Sheridan MA** (2001) Encoding processes during retrieval tasks, *Journal of Cognitive Neuroscience* Vol 13(3), pg 406-15

National and International Presentations

Those presentations below sponsored by outside entities are so noted and the sponsor is identified.

Invited National Presentations

- 2021 – *Invited Speaker*, Carolina Institute for Developmental Disabilities, T32 Seminar Series
- 2021 – *Invited Speaker*, Carolina Population Center, Seminar Series
- 2020 – *Invited Speaker*, KeyNote Presentation, Flux Society Annual Congress, USA
- 2020 – *Invited Speaker*, Cognitive Colloquia, Ohio State University, Psychology Department, Columbus, OH
- 2020 – *Invited Speaker*, Psychology Department Colloquia. North Dakota State University, Fargo, ND
- 2020 – *Invited Speaker*, Conte Center Colloquia, University of California Irvine, Irvine, CA
- 2020 – *Invited Speaker*, Association for Psychological Science, Chicago, IL
- 2019 – *Invited Speaker*, Clinical Area Brown Bag, University of Virginia, Psychology Department
- 2019 – *Key Note (Division 12)*, American Psychological Association, Chicago, IL
- 2019 - *Invited Speaker*, Child Poverty and Brain Development in Global Context, University of Pennsylvania, Philadelphia, PA
- 2018 – *Invited Speaker*, Leveraging Rarely-Investigate Populations for Research on Behavioral and Social Processes in an Aging Context Expert Meeting, National Academy of Sciences, Washington, DC
- 2018- *Invited Speaker*, Society for Research on Adolescence, Minneapolis, MN
- 2017- *Invited Speaker*, Multi-modal Neuroimaging Training Program, Center for the Neural Basis of Cognition, University of Pittsburgh, Pittsburgh, PA. (<http://www.mntp.pitt.edu/>)
- 2017- *Invited Speaker*, NYU Child Study Center, Grand Rounds, New York City, NY
- 2017- *Invited Speaker*, National Institute of Aging, Working Group on Reversibility, Bethesda, MD
- 2016- *Invited Speaker*, Workshop on Pretrial Justice, Harvard Law School, Cambridge, MA
- 2015- *Attendee*, National Institute of Aging, Working Group on Reversibility, Bethesda, MD
- 2015- *Invited Speaker*, International Rescue Committee, New York, NY
- 2014- *Plenary Speaker*, Robert Wood Johnson Health and Society Scholars, Annual Meeting, Detroit, MI
- 2014- *Plenary Speaker*, Cognitive Neuroscience Society, Boston, MA
- 2013- *Invited Discussant*, Population Association of America, Annual Meeting, New Orleans, LA
- 2012- *Invited Speaker*, Columbia University Epidemiology, Scientific Symposium, New York City, NY
- 2012- *Invited Speaker*, McLean Hospital Seminar Series, Belmont, MA
- 2011- *Invited Speaker*, University of Puget Sound Seminar Series, Seattle, WA
- 2011- *Invited Speaker*, DuPRI Institute Seminar Series, Duke University, Durham, NC
- 2011- *Invited Speaker*, Achievement Gap Initiative Conference at the Kennedy School, Cambridge, MA
- 2011- *Invited Speaker*, Harvard Center for Developing Child, Harvard University, Cambridge, MA
- 2010- *Invited Speaker*, Massachusetts General Hospital Seminar Series, MGH, Boston, MA

- 2010- *Invited Speaker*, Child Health and Well-being: Socioeconomic Position, Biological Links, and Policy Solutions University of Wisconsin, Madison, WI
- 2010- *Invited Speaker*, Boston Children's Hospital Trauma Research Group, Boston, MA
- 2009- *Invited Speaker*, Gallo Center, University of California, San Francisco, Oakland, CA
- 2009- *Invited Speaker*, Conference on Neurocognitive Development, Berkeley, CA
- 2009- *Invited Speaker*, Clinical Collaborative Brain Seminars at BCH/HMS, Boston, MA
- 2009- *Invited Speaker*, Brain and Cognitive Sciences Seminar Series, MIT, Cambridge, MA

International Presentations

- 2020 - *Invited Speaker*, Leiden University, Symposium in celebration of Michelle Achterberg, Leiden, Netherlands.
- 2020 - *Invited Speaker*, Max Plank Institute, Leipzig Germany
- 2019 – *Invited Speaker*, American Psychosomatic Society (APS) Pre-Conference Workshop on the developmental origins of disease. Vancouver, Canada
- 2016- *Invited Speaker*, Academy of Behavioral Medicine Research, Whistler, Canada.
- 2016- *Invited Attendee*, 22nd Ernst Strungmann Forum, *The Cultural Nature of Attachment*, Frankfurt, Germany. (<https://www.esforum.de/>) - a small invited topical meeting focused on issues of interest to the Ernst Strungmann Institute
- 2011- *Invited Speaker*, Canadian Institute Advanced Research (CIFAR) Montreal, Canada.
- 2011- *Invited Speaker*, Young Lives Study Group, Oxford University, Oxford, U.K.
- 2011- *Invited Speaker*, Bucharest University, Bucharest, Romania
- 2008- *Speaker*, Development of Executive Functions Workshop, St. Catherine's College, Oxford, United Kingdom

Refereed National Presentations

- 2019 – American Academy of Child and Adolescent Psychiatry, Chicago, IL
- 2019 - Society for Research in Child Development, Baltimore, MD
- 2017 – American College of Neuropsychopharmacology, Palm Springs, CA
- 2017- Association for Psychological Science, Boston, MA
- 2017- Society for Research in Child Development, Austin, TX
- 2016- Control Processes Meeting, San Diego, SD (<http://controlprocesses.com/>) – a small meeting for faculty exploring the role of cognitive control in behavior and the neural correlates of cognitive control
- 2016- Association for Psychological Science, Chicago, IL
- 2015- Society for Research in Child Development, Philadelphia, PA
- 2014 - International Society for Trauma Stress Studies, Miami, FL
- 2014- Association for Psychological Science, San Francisco, CA
- 2013- Society for Research in Child Development, Seattle, WA
- 2013- Cognitive Neuroscience Society, San Francisco, CA
- 2011- Society for Neuroscience, Washington, DC
- 2011- International Society for Developmental Psychobiology, Washington, DC
- 2011- Cognitive Development Society, Philadelphia, PA
- 2011- Society for Research in Child Development, Montreal, Canada
- 2009- Society for Research in Child Development, Denver, CO

Teaching

Teaching of Students in Courses

Fall 2021	PSYC 738 Neurons to Neighborhoods: Individual Differences in Neurobiology Graduate Students	UNC-CH – 26 students Instructor 150 min 1 sess/week
Spring 2021	PSYC 829 Clinical Assessment Graduate Students	UNC-CH – 8 students Instructor 180 min 2 sess/week
Spring 2018	PSYC 738 Neurons to Neighborhoods: Individual Differences in Neurobiology Graduate Students	UNC-CH – 5 students Instructor 150 min 1 sess/week
Fall 2017	PSYC 829 Clinical Assessment Graduate Students	UNC-CH – 15 students Instructor 180 min 1 sess/week
Spring 2017	PSYC 500 Developmental Psychopathology Undergraduate Students	UNC-CH – 31 students Instructor 50 min 3 sess/week
Fall 2016	PSYC 738 Neurons to Neighborhoods: Individual Differences in Neurobiology Graduate Students	UNC-CH – 13 students Instructor 150 min 1 sess/week
Fall 2015	PSYC 500 Developmental Psychopathology Undergraduate Students	UNC-CH – 34 students Instructor 75 min 2 sess/week
Spring 2014	H126 Typical and Atypical Neurodevelopment Graduate Students	Harvard Graduate School of Education – 105 students Instructor 150 min 1 sess/week

Formally Supervised Trainees

- 2021- present Esme Navarro, Ph.D. candidate, University of North Carolina, Chapel Hill
- 2021- present Megan Davis, Ph.D., Post Doctoral Fellow, University of North Carolina, Chapel Hill
- 2021- present Andrea Baldelli, Ph.D., Post Doctoral Fellow, University of North Carolina, Chapel Hill
- 2020- present Meredith Gruhn, Ph.D., Post Doctoral Fellow, University of North Carolina, Chapel Hill (T32 training grant recipient 2020-2022 - Carolina Institute for Developmental Disabilities)
- 2020- present Ilana Berman, Ph.D., Post Doctoral Fellow, North Carolina, Chapel Hill (T32 training grant recipient 2020-2022 – Carolina Consortium on Human Development)
- 2020- present Lucy Lurie, Ph.D. candidate, University of North Carolina, Chapel Hill
- 2017- present Anais Rodriguez-Thompson, Ph.D. candidate, University of North Carolina, Chapel Hill (NSF-GRP recipient 2018-2021) Award Title: Neural circuits regulating positive and negative affect in adolescents.
- 2017- present Maddie Robertson, Ph.D. candidate, University of North Carolina, Chapel Hill (F31 NRSA recipient 2020-present) Award Title: Excitatory/inhibitory balance and behavioral flexibility in adults with a history of adolescent binge drinking

- 2016- 2021 Sarah Furlong, Ph.D. candidate, University of North Carolina, Chapel Hill
- 2015- 2021 Laura Machlin, Ph.D. candidate, University of North Carolina, Chapel Hill (NSF-GRP Recipient 2016-2019) Award Title: The Impact of Deprivation and Threatening Experiences on Neural Development. (Center for Developmental Science pre-doctoral fellow 2019-2020)
- 2018- 2020 Helen Milojevich, Ph.D., Center for Developmental Science post-doctoral fellow (2016-2019). Assistant Professor, Center on Child Abuse and Neglect. University of Oklahoma Health Sciences Center (current)
- 2015- 2020 Kristin Meyer, Ph.D. candidate, University of North Carolina, Chapel Hill (NSF-GRP Recipient 2016-2019) Award Title: Neural Correlates of Reward Learning
- 2015- 2018 Adam Miller, Post-Doctoral Fellow, University of North Carolina, Chapel Hill (F32 award Co-mentor; K01 award mentor) Child Trauma and Adolescent Suicide
- 2015-2017 Hannah Davis, Undergraduate Honors Thesis, University of North Carolina, Chapel Hill. Thesis Title: Early Childhood Abuse and Inhibition. Defended 3/28/17
- 2015-2017 Megan Foxworth, Undergraduate Honors Thesis, University of North Carolina, Chapel Hill. Thesis Title: Perceived Discrimination, Psychopathology and Racial Socialization in Preschool-Aged Children. Defended 4/10/17
- 2013 - 2016 Daniel Busso, EDD, Harvard University. Dissertation Title: Can we predict novel onset of disorders for adolescents exposed to childhood maltreatment using fMRI? Defended 4/22/16
- 2013 – 2015 Carmel Salhi, Boston Children’s Hospital, Postdoctoral Fellow
- 2011 – 2013 Maria Kharitonova, Boston Children’s Hospital, Postdoctoral Fellow
- 2011 – 2013 Evelyn Law, Boston Children’s Hospital, Medical Fellow
- 2010- 2013 Amy Finn, Boston Children’s Hospital & MIT, Postdoctoral Fellow, Co-Mentor (with John Gabrieli) on funded F32 (NRSA) Postdoctoral Fellowship Award Titled: Maturation of Procedural Memory in the Developing Brain of Children with and without ADHD
- 2009-2010 Nancy Tsai, Master’s degree in Education, Mind Brain Behavior Concentration Harvard School of Education, Research Field Experience Program Supervisee
- 2008-2009 Alexandra Urasche, Master’s degree in Education, Mind Brain Behavior Concentration Harvard School of Education, Research Field Experience Program Supervisee

Funding

Current

R01 (Propper, Knickmeyer) NIMH-NIH	9/18/2020 - 6/30/2025 \$604,801	Role: Co-I	10%
---------------------------------------	------------------------------------	------------	-----

The Development of Gut Microbiota and Behavioral Inhibition in Childhood: The Role of Early Stress and Brain Development The proposed study aims to examine the influence of exposure to toxic stress across the first years of life on the gut microbiota, which has been found to alter neurodevelopment and subsequent behavioral inhibition, leading to anxiety symptoms in later childhood.

R01 (Frankenberg) 9/15/2020 – 5/31/2025 Role: Co-I 10%
 NIA- NIH \$608,535

Long-term Effects of a Natural Disaster on Cognitive Aging, Dementia, Health and Well-being of Older Adults. This project sees to better understand how cognition, Alzheimer's Disease and other dementias, and cardiometabolic health are affected by and evolve after exposure to extreme stressors from a natural disaster.

R01 (Sheridan, Egger, Carpenter, Copeland) 7/01/2020-6/30/2025 Role: Co-PI 18%
 Effort
 NIMH-NIH \$520,158

Neural pathways linking early adversity and preschool psychopathology to adolescent mental health. The proposed project would follow-up a sample, now adolescents, half of whom met criteria for an anxiety disorder when they were first enrolled into the study between the ages of 2-5 years. The purpose of the project is to examine the interaction between anxiety risk and exposure to adversity in predicting neural function, structure, and psychopathology.

Carolina Consortium for Human Development T32 (Berman – Post Doctoral Fellow) 2020-2022 Role: Mentor Post Doctoral Training Grant to Ilana Berman

Carolina Institute for Developmental Disabilities T32 (Gruhn – Post Doctoral Fellow) 2020-2022 Role: Mentor Post Doctoral Training Grant to Meredith Gruhn

R01 (Fox) 07/01/19-06/30/24 Role: Co-I 8% Effort
 NIMH – NIH \$24,968 (UNC Sub)

Effects of Early Psychosocial Deprivation on Mental Health in Early Adulthood

Over the past 17 years we have conducted the first-ever randomized controlled trial (RCT) of foster care as an alternative to institutional care for young children. Here we will examine how our original cohort of children make the transition to early adulthood. Specifically, we will reexamine, at age 21, the long term impact of early institutional rearing on developmental outcomes and the efficacy of our intervention in ameliorating the burden of mental health outcomes using an intent-to-treat design; and examine the effects of early experience versus caregiving experience during adolescence.

R21 HD096232-A1 (Sheridan) 12/01/18-8/31/21 Role: PI 15% Effort
 NICHD- NIH \$150,000

Using growth models to identify how trajectories of infant brain development in predict childhood behavior and neural function. The proposed project will examine brain development in infancy and early childhood as a longitudinal predictor of executive function and neural correlates in middle childhood.

R01MH115004 07/01/18-6/30/25 Role: PI 25% Effort
 NIMH-NIH \$520,158

Do dimensions of adversity differentially predict neural development and psychopathology in young children?

The proposed project will follow a large group (N = 300) of young children (ages 4-7 years) with exposure to deprivation and threat assessing neural and

cognitive function and psychopathology across 2 years. The proposed project will examine the impact of deprivation and threat on the development of neural networks in Cognitive Control Systems, Positive and Negative Valance System.

Previous Research Support

R01-MH106482 (McLaughlin) 09/01/2015-08/31/2020 Role: Co-I 8.33% Effort
NIMH-NIH \$15,494 (UNC Sub)

Deprivation and Threat: Dimensions of Early Experience and Neural Development

In this grant we examine the impact of child trauma and deprivation on the development of neural networks involved in emotion regulation and cognitive control in a unique, well characterized NIH-funded longitudinal cohort of children.

R24 (Loucks, Sheridan, Godfrey) 09/01/19-08/31/21 Role: Co-PI 4% Effort
NIA-NIH

Reversibility Network: Interventions to Reverse or Remediate Effects of Early Life

Adversity on Aging Processes. Increasingly, it is clear that early adversity impacts not only early and mid-life but also late-life and aging. This network will work to encourage research identifying the pathways through which early adversity impacts aging, interventions which can act to directly target these effects, and identify how to measure adversity best in late life. Network activities including website development, planning and organization of annual meetings, planning and organization of pre-conference meetings, grant solicitation and grant review.

NSFGRP (Rodriguez-Thompson – graduate student) 05/01/18-4/30/21 Role: Mentor
Graduate student fellowship to Anais Rodriguez-Thompson

R01-MH103291 (McLaughlin) 9/17/2015-8/31/2019 Role: Co-I 8.33% Effort
NIMH-NIH \$14,669 (UNC Sub)

Child Trauma and the Development of Neural Systems Underlying Emotion Regulation

Goals: The proposed research aims to identify neurodevelopmental mechanisms underlying the association between child trauma and risk for anxiety and mood disorders in children and adolescents aged 8-16 years.

K01MH116325 (Miller- Post Doc) 04/01/17-03/31/18 Role: Mentor
NIMH-NIH \$179,558

Testing the predictive power of neural connectivity: Suicidal ideation in youth exposed to maltreatment

This grant examines neural connectivity as a predictor of suicidal ideation in a group of adolescents at risk due to exposure to trauma.

R01 MH107479-01 (Prinstein) 09/01/16-08/31/19 Role: Co-I 4.16% Effort
NIMH-NIH \$139,687

Multilevel Biomarkers for Suicidal Behavior: From Interpersonal Stress to Gene Expression in a Longitudinal Study of Adolescent Girls – Administrative Supplement.

This proposal is a supplement to allow us to collect neuroimaging data using fMRI in a unique sample of girls at risk for suicidal ideation and behavior who are already being followed for one year as part of the parent grant. This research will contribute meaningfully to the larger literature on preventing suicide.

Role: Co-Investigator

NSFGRP (Machlin – graduate student) 05/01/16-4/30/19 Role: Mentor
Graduate student fellowship to Laura Machlin

NSFGRP (Meyer – graduate student) 05/01/16-4/30/19 Role: Mentor
Graduate student fellowship to Kristin Meyer

U24AG047867 (Sheridan) 9/1/17-9/1/18 Role: PI 2% Effort
competitive sub-award
NIA-NIH \$24,995

A network analysis approach to identifying dimensional structure among adversities. The proposed project would use network analysis, an emerging analytic technique to identify clusters of symptoms and predictors (here exposures to adversity) which are predicted to co-occur by the deprivation and threat theory.

R01 MH091363-08 (Nelson) 04/01/17-03/31/18 Role: Co-I 8.33% Effort
NIMH- NIH \$19,560

Effects of Early Psychosocial Deprivation on Mental Health in Adolescence. This R01 follows participants in the Bucharest Early Intervention Project (BEIP) into their 16th year. My lab is responsible for the acquisition and analysis of the structural neuroimaging data. This is the second year of this subcontract.

2KR831605 (Machlin – graduate student) 2/1/17-1/31/18 Role: Mentor 0% Effort
NC TraCS \$2,000

Pilot Study: The impact of deprivation and threatening experiences on neural development.

This small grant was obtained to collect data that served as pilot data for the R01 application which is currently pending and to support Laura Machlin's Master's Thesis data collection.

R3900-02 (Abers) 04/01/17-03/31/18 Role: Co-I 6.7% Effort
Dubai Cares \$35,380

Education in Emergencies: Evidence for Action (3EA)

This grant examines executive function in children exposed to war trauma and the impact of random assignment to healing classrooms on shifting executive function in these children.

F32 MH108238-03 (Miller- Post Doc) 04/01/17-03/31/18 Role: Sponsor
NIMH-NIH \$61,566

Child Trauma, Neural Systems Underlying Emotion Regulation, and Adolescent Suicide

This grant examines the neural correlates of emotion regulation in the context of social rejection in a group of adolescents at risk for suicidal ideation and identifies which aspects of neural function longitudinally predict suicidal behavior and ideation.

R03 DA037405-01A1 02/01/2015-01/31/2016 Role: PI 20% Effort
NIDA-NIH

Development of Control Over Rewarding Stimuli: A Cognitive Neuroscience Approach.

Goals: An investigation in children, adolescents, and adults, of the neural correlates of inhibitory control over stimuli with a learned reward history. We build on previous work to link these correlates with externalizing behavior, in particular substance use.

R01 MH091363-02S1 (Nelson) 06/2011 – 6/2015 Role: Co-I 2.5% Effort
NIMH-NIH

The Relation Between Early Psychosocial Deprivation and Mental Health at 12 Years (with Katie McLaughlin, Ph.D., Charles Nelson, Ph.D., Nathan Fox, Ph.D., and Charlie Zeanah, M.D.) This supplement to R01 MH091363 is designed to investigate stress physiology in previously institutionalized children randomly assigned into a foster care intervention.

Mind Brain Behavior Faculty Award 06/05/14 – 05/31/15 Role: Co-PI 5% Effort
Mind Brain Behavior Initiative (with Leah Somerville, Ph.D.) \$ 50,000

Real-life Risk Taking, Regulation in the Face of Reward, and Neurodevelopment through Adolescence Goals: Investigating in children, adolescents, and adults, of the neural correlates of inhibitory control over stimuli with a learned reward history. We will use the human connectome project scanner to investigate the role of white matter connectivity in supporting development of inhibitory control of reward.

K01-MH092555-04 (Sheridan) 09/24/2010-05/31/2015 Role: PI 50% Effort
NIMH-NIH

Neural Markers of the Transition from ADHD risk before age 7 to stable diagnosis

Project Goals: To distinguish children between the ages of 3 and 7 years of age, using EEG and fMRI, children who will versus who will not continue to meet criteria for ADHD after the age of 7. There is no scientific or budgetary overlap

Ag No. 256297-5072329 04/01/2013 – 03/31/2015 Role: Co-PI 2.5% Effort
Bezos Foundation through Harvard University \$60,000

Collaborative Research- Agenda Center on the Developing Child (with Katie McLaughlin, Ph.D.). Goals: To engage in collaborative research on 'critical periods' in brain development and executive functions with the University of Washington's Institute for Learning and Brain Sciences.

Ag No. GA-C1-RA2-114/PC005611(Blattman) 11/1/2012 – 10/31/2014 Role: Co-PI 10% Effort
Department of International Development through Columbia University \$132,205

Environmentally testing the roots of poverty and violence: Changing preferences, behaviors, and outcomes. Goals: This subcontract award from the University of Columbia is to assess executive function in a population of youth engaged in extremely risky behaviors and living on the streets of Monrovia, Liberia. We explored the impact of a cash grant and psychosocial intervention on economic engagement, risk behaviors, executive function, and formally measured patience in these youth.

Agreement No. SES-1317506 / GG009564 03/01/2013 – 02/28/2014 Role: Co-I 0% Effort
NSF (Blattman)

Environmentally testing the roots of poverty and violence: Changing preferences, behaviors, and outcomes. Goals: (with Chris Blattman, Ph.D., and Julian Jamison, Ph.D.) This subcontract award from the University of Columbia is to assess executive function in a population of youth engaged in extremely risky behaviors and living on the streets of Monrovia, Liberia. We explored the association of executive function, and formally measured patience with economic engagement and risk behaviors at baseline, prior to an economic and psychosocial intervention in these youth.

9/2012 – 9/2013 1R43MH095282-01A1(Miller) Role: Co-I 0% Effort

Neuroplasticity Training for ADHD (with Brian Miller, Ph.D., Wes Clapp, Ph.D.) This subcontract award from Neuroscouting is to investigate the effectiveness of a cognitive training paradigm (developed by Neuroscouting) in remediating inhibitory control deficits in children with ADHD.

5/2011 – 5/2012 DuPRI Developmental Awards (Hamoudi) Role: Co-PI 0% Effort
Methods for understanding self-control in the context of reward (with Amar Hamoudi, Ph.D.) This grant is for the development/testing of novel methods of assessing self-control in the context of reward for use in large-scale studies examining children in a variety of contexts and with a variety of early exposures around the world.

2010-2011 Robert Wood Johnson Foundation Role: Co-PI 0% Effort
Origins of Health Disparities: Stress exposure, stress reactivity and psychopathology (with Katie McLaughlin, Ph.D. and Wendy Berry Mendes, Ph.D.). Investigation of association between exposure to stressful and traumatic life events, stress reactivity as measured in the laboratory, and self and parent reported psychopathology in adolescents.

2009-2010 Robert Wood Johnson Foundation Role: PI 0% Effort
Role of Mineralcorticoid Receptors in Paired Associate Learning in Humans (with Gail Adler, M.D.). Investigation of how chronic administration of a mineralcorticoid receptor (MR) antagonist will modulate behavioral performance on a paired associate learning task known to be associated with hippocampal function.

2008-2009 Robert Wood Johnson Foundation Role: PI 0% Effort
Establishing a link between hippocampal function and HPA axis modulation in children from high and low SES backgrounds (with Charles Nelson, Ph.D.). Investigation of how SES associated differences in prefrontal function and hypothesized differences in hippocampal function relate to true stress reactivity in children aged 8-12yrs using fMRI, EEG, and psychophysiology measures of heart rate variability, cardiac impedance, and salivary cortisol.

Professional Service

- 2020- present Flux Society, Secretary
- 2018-2019 Convener - Carolina Network for Network and Data Science seminar
 Funded by Carolina Seminar Series.
 Grant Review for The Netherlands Organization for Scientific Research
- 2017- 2018 Lead organizer FLUX Satellite Meeting – Big Data Little Brains - Spring 2018. Supported/Funded by FLUX and Nestle Corporation.
 Grant Review for Russel Sage Foundation, National Science Foundation, NCTRACs.
- 2017 - 2016 Grant Review for internally funded projects at Hotchkiss Brain Institute (HBI) at University of Calgary
 Grant Review for seed grant competition at Global TIES, NYU
 Panel Chair for Society for Research in Child Development 2017 - Review Panel #9: Health, Growth, Injury. Organized and oversaw review and rating of abstracts for over 100 potential presentations for SRCD, 2017.
- 2015 – 2021 Co-PI of the National Institutes of Aging (NIA-NIH) *Reversibility of Early Effects of Adversity Network*. This network brings together researchers from a range of disciplines to identify how and when to intervene to decrease the impact of early adversity on the aging process.

2019 - Present	Board Member - FLUX Society
2013 - Present	Member -FLUX Society for Developmental Cognitive Neuroscience
2012 - Present	Member - Society for Developmental & Behavioral Pediatrics
2011 - Present	Member - International Society for Developmental Psychobiology
2011 - Present	Member - Cognitive Development Society
2007 - Present	Member - Society for Research in Child Development
2000 - Present	Member - Cognitive Neuroscience Society
2000 - Present	Member - Society for Neuroscience
1999 - 2007	Member - American Psychological Association

Editorial Activities

Editorial Board: Development and Psychopathology (current); Journal of Clinical Child and Adolescent Psychology (2015-2017).

Guest Editor, Special issue: Developmental Cognitive Neuroscience (2020-2021)

Ad hoc Reviewer: Psychological Science, Development and Psychopathology, Neuropsychologia, Journal of Cognitive Neuroscience, Journal of the International Neuropsychological Society, Developmental Psychology, Developmental Science, Journal of Neuroscience, Biological Psychiatry, Psychological Bulletin, Journal of Child Clinical Psychology, Journal of Neuroscience, Biological Psychiatry; Nature Communications.

Educational Material for Patients and the Lay Community

No educational materials below were sponsored by outside entities.

Articles

2018	<i>How to Turn Children into Criminals</i> (OpEd)	The New York Times
2008	<i>Effect of the Experience of Stress on Brain Function in Children</i>	The Parent Review

Presentations

2012	Measuring Change in Executive Function: Potential Impacts of Music Education.	New England Conservatory Of Music Boston, MA
2010	<i>The Development of Executive Function</i>	Kingsley School Boston, MA
2010	<i>Early Brain and Behavioral Development Conference</i>	Norlien Foundation Banff, Alberta, CA
2010	How Social Disparities Shape Learning in The Brain.	Learning and the Brain Conference, MIT Boston, MA
2009	<i>Applying Brain Science to Youth Development</i>	Newton Community Service Center Newton, MA
2008	Applying Brain Science to Youth Development: What Can We Learn?	United Way of Massachusetts Bay and Merrimack Valley