

## CURRICULUM VITAE

### **Marie Camerota, Ph.D.**

Business Address            Women and Infants Hospital of Rhode Island  
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### EDUCATION

Undergraduate            Cornell University, Human Development  
B.S., 2013  
Honors/Awards: High Honors in Human Development

Graduate                    University of North Carolina at Chapel Hill, Developmental Psychology  
M.A., 2016  
Ph.D., 2018  
Honors/Awards: Royster Society of Fellows Chancellor's Fellowship; Student  
Excellence in Mentoring Award; Dashiell Research Fund Travel Award

### POSTGRADUATE TRAINING

Postdoctoral Fellowship   RTI International, Education and Workforce Development  
Postdoctoral Research Fellow, 2018-2020

Postdoctoral Fellowship   Warren Alpert Medical School of Brown University, Clinical Psychology  
Training Consortium  
NIMH T32 Postdoctoral Fellow in Child Mental Health, 2020-2022

### POSTGRADUATE HONORS AND AWARDS

Trainee Registration Grant Award, Pediatric Academic Societies, 2021  
Highly Published Author Award, RTI International, 2019  
Early Career Author Award, RTI International, 2019  
Student/Postdoc Travel Award, International Society of Developmental Psychobiology, 2019

## ACADEMIC APPOINTMENTS

*Assistant Professor (Research)*, Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, July 2022-Present

## HOSPITAL APPOINTMENTS

*Director*, Brown Center for the Study of Children at Risk, Women and Infants Hospital, October 2025-Present

*Research Scientist*, Brown Center for the Study of Children at Risk, Women and Infants Hospital, May 2022-September 2025

## OTHER APPOINTMENTS

Ad-hoc Grant Reviewer      Cardiovascular and Respiratory Diseases (CRD) Study Section, Center for Scientific Review, NIH, 2024

Special Emphasis Panel ZRG1 SCIL-Q (NIH Collaborative International Research Projects), Center for Scientific Review, NIH, 2026

Conference Reviewer      Society for Research in Child Development Biennial Meeting, 2021-present

Editorial Board Member      *Developmental Psychology*

Ad-hoc Journal Reviewer      *Biological Psychiatry*  
*Child Development*  
*Child Neuropsychology*  
*Cognitive Development*  
*Development and Psychopathology*  
*Developmental Science*  
*Early Human Development*  
*Epigenetics*  
*Frontiers Psychology*  
*Infant and Child Development*  
*International Journal of Behavior Development*  
*Journal of Abnormal Child Psychology*  
*Journal of Applied Developmental Psychology*  
*Journal of Child Psychology and Psychiatry*  
*Journal of Pediatrics*  
*Pediatric Research*  
*PLOS One*  
*Sleep Health*  
*Sleep Medicine Reviews*

## UNIVERSITY COMMITTEES

*Member*, Community and Belonging Council Education Committee, Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, 2025-present

*Member*, Anti-Racism Steering Committee (ARSC) Education Working Group, Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, 2022-2025

*Member*, Planning Committee for Research Assistant (RA) Research Day, Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, 2021

## MEMBERSHIPS IN SOCIETIES

Society for Research in Child Development, 2013-present

Society for Pediatric Research, 2025-present

*Member*, SPR Membership & Engagement Committee, 2026-present

## PUBLICATIONS LIST

### ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

1. Donahue, M., Ramirez Heil, M., **Camerota, M.**, Dansereau, L., Conradt, E., & Lester, B. M. (2026). Association between NNNS-II profiles and pharmacological treatment in infants with prenatal opioid exposure. *Journal of Perinatology*, 46, 1092-1097. <https://doi.org/10.1038/s41372-026-02628-7>
2. Goin, D. E., Ghidey, R., Schuh, H., Dean, L., Barrett, E., ... **Camerota, M...***et al.* (in press). Applying mixtures methodology to analyze how exposure to structural racism and economic disadvantage affect perinatal health outcomes: An ECHO study. *American Journal of Epidemiology*, kwaf224. Published online October 20, 2025. <https://doi.org/10.1093/aje/kwaf224>
3. **Camerota, M.**, Castellanos, F. X., Carter, B. S., *et al.* (in press). Attention problems in children born very preterm: Evidence from a performance-based measure. *Pediatric Research*. Published online April 9, 2025. <https://doi.org/10.1038/s41390-025-04050-9>
4. Kelly, N. R., Kosty, D., Bodovski, Y., Blackwell, C., Ganiban, J. M.,...**Camerota, M...***et al.* (2025). Understanding the nuanced relationship between children's executive functioning and health behaviors across life stages and ecological contexts. *Journal of Behavioral Medicine*, 48, 230-250. <https://doi.org/10.1007/s10865-024-00543-w>
5. **Camerota, M.**, Castellanos, F. X., Carter, B. S., *et al.* (2025). Trajectories of attention problems in preschoolers born very preterm. *Journal of Child Psychology and Psychiatry*, 66, 667-676. <https://doi.org/10.1111/jcpp.14074>
6. Peacock, J.L., Coto, S.D., Rees, J.R...**Camerota, M...***et al.* (2024) Do small effects matter more in vulnerable populations? An investigation using Environmental influences on Child Health Outcomes (ECHO) cohorts. *BMC Public Health*, 24, 2655. <https://doi.org/10.1186/s12889-024-20075-x>

7. Hodge, K. M., Burt, A. A., **Camerota, M.**, Carter, B., Check, J., Conneely, K. N., Helderman, J., Hofheimer, J. A., Hüls, A., McGowan, E., Neal, C., O'Shea, T.M., Pastyrnak, S., Smith, L.M., DellaGrotta, S. A., Dansereau, L. M., O'Shea, T. M., Marsit, C. J., Lester, B. M., & Everson, T. M. (2024). Epigenetic associations with neonatal age in infants born very preterm, particularly among genes involved in neurodevelopment. *Scientific Reports*, *14*, 18147. <https://doi.org/10.1038/s41598-024-68071-w>
8. Kuhn, L. J., **Camerota, M.**, Willoughby, M. T., & Blair, C. (2024). A comparison of three executive function batteries in a preschool-aged sample. *Children*, *11*(7), 811. <https://doi.org/10.3390/children11070811>
9. Check, J., Shuster, C., Hofheimer, J., **Camerota, M.**, Dansereau, L. M., Smith, L. M., Carter, B. S., DellaGrotta, S. A., Helderman, J., Kilbride, H., Loncar, C. M., McGowan, E. C., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Sheinkopf, S. J., & Lester, B. M. (2024). Preeclampsia, fetal growth restriction, and 24-month neurodevelopment in very preterm infants. *JAMA Network Open*, *7*(7), e2420382. <https://doi.org/10.1001/jamanetworkopen.2024.20382>
10. Craft, A. L., **Camerota, M.**, Loncar, C., Marsit, C., Carter, B., Check, J., Helderman, J., Hofheimer, J., Kilbride, H., McGowan, E., Neal, C., O'Shea, T.M., Pastyrnak, S., Smith, L., Dansereau, L., Della Grotta, S. A., Lester, B. (2024). Neonatal neurobehavior associated with developmental changes from ages two to three in children born very preterm. *Early Human Development*, *194*, 106039. <https://doi.org/10.1016/j.earlhumdev.2024.106039>
11. **Camerota, M.**, Lester, B. M., McGowan, E. C., Carter, B. S., Check, J., Dansereau, L. M., DellaGrotta, S. A., Helderman, J. B., Hofheimer, J. A., Loncar, C. M., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Abrishamcar, S., Hüls, A., Marsit, C. J., & Everson, T. M. (2024). Contributions of prenatal risk factors and neonatal epigenetics to cognitive outcome in children born very preterm. *Developmental Psychology*, *60*(9): 1606:1619. <https://doi.org/10.1037/dev0001709>
12. Lester, B. M., **Camerota, M.**, Everson, T. M., Shuster, C. L., & Marsit, C. J. (2024). Toward a more holistic approach to the study of exposures and child outcomes. *Epigenomics*, *16*, 635-651. <https://doi.org/10.2217/epi-2023-0424>
13. **Camerota, M.**, Lester, B. M., Castellanos, F. X., Carter, B. S., Check, J., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., Pastyrnak, S. L., Smith, L. M., O'Shea, T. M., Marsit, C. J., & Everson, T. M. (2024). Epigenome-wide association study identifies neonatal DNA methylation associated with two-year attention problems in children born very preterm. *Translational Psychiatry*, *14*, 126. <https://doi.org/10.1038/s41398-024-02841-y>
14. **Camerota, M.**, McGowan, E. C., Aschner, J., Stroustrup, A., O'Shea, T. M., Hofheimer, J. A., Joseph, R. M., Musci, R., Taylor, G., Carter, B. S., Check, J., Dansereau, L. M., Gogcu, S., Helderman, J. B., Neal, C. R., Pastyrnak, S. L., Smith, L. M., Marsit, C. J., Lester, B. M., ... ECHO Awardees and Cohorts. (2024). Neurodevelopmental and behavioral outcomes of very preterm infants: Latent profile analysis in the Environmental influences on Child Health Outcomes (ECHO) Program. *Pediatric Research*, *95*, 377-385. <https://doi.org/10.1038/s41390-023-02814-9>
15. **Camerota, M.**, Bagley, J., McGowan, E. C., Carter, B. S., Check, J., Dansereau, L. M., DellaGrotta, S. A., Helderman, J. B., Hofheimer, J. A., Loncar, C. M., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Everson, T. M., & Lester, B. M. (2024) Agreement between two behavioral rating scales in preschoolers

born very preterm. *Journal of Developmental and Behavioral Pediatrics*, 45, e72-e78. <https://doi.org/10.1097/DBP.0000000000001238>.

16. Paniagua, U., Lester, B. M., Marsit, C. J., **Camerota, M.**, Carter, B. S., Check, J. F., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., Pastyrnak, S. L., Smith, L. M., DellaGrotta, S. A., Dansereau, L. M., O'Shea, T. M., & Everson, T. M. (2023). Epigenetic age acceleration, neonatal morbidities, and neurobehavioral profiles in infants born very preterm. *Epigenetics*, 18, 2280738. <https://doi.org/10.1080/15592294.2023.2280738>
17. **Camerota, M.**, McGowan, E. C., Carter, B. S., Check, J., Dansereau, L. M., DellaGrotta, S. A., Helderman, J. B., Hofheimer, J. A., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., & Lester, B. (2023) Maternal prenatal risk phenotypes and neurobehavioral outcomes among infants born very preterm. *Journal of Pediatrics*, 260, 113521. <https://doi.org/10.1016/j.jpeds.2023.113521>
18. **Camerota, M.**, McGowan, E. C., Aschner, J., Stroustrup, A., Karagas, M. R., Conradt, E., Crowell, S. E., Brennan, P., Carter, B. S., Check, J., Dansereau, L., DellaGrotta, S. A., Everson, T. M., Helderman, J., Hofheimer, J. A., Kuiper, J. R., Loncar, C. M., Marsit, C., Neal, C. R., O'Shea, M., Pastyrnak, S. L., Sheinkopf, S. J., Smith, L. M., Zhang, X., & Lester, B. (2023) Prenatal and perinatal factors associated with neonatal neurobehavioral profiles in the ECHO Program. *Pediatric Research*, 94, 762-770. <https://doi.org/10.1038/s41390-023-02540-2>
19. Willoughby M.T., **Camerota, M.**, King, K., Nduku, T., & Piper, B. (2023). Leveraging item-level accuracy and reaction time to address ceiling effects in the measurement of inhibitory control in preschool-aged children. *Frontiers in Psychology – Quantitative Psychology and Measurement*, 14, 861441. <https://doi.org/10.3389/fpsyg.2023.861441>
20. Eaves, L. A., Enggasser, A. E., **Camerota, M.**, Gogcu, S., Gower, W. A., Hartwell, H., ... & Fry, R. C. (2023). CpG methylation patterns in placenta and neonatal blood are differentially associated with neonatal inflammation. *Pediatric Research*, 93, 1072-1084. <https://doi.org/10.1038/s41390-022-02150-4>
21. McGowan, E. C., Hofheimer, J. A., O'Shea, T. M., Kilbride, H., Carter, B., Check, J., Helderman, J., Neal, C. R., Pastyrnak, S., Smith, L. M., **Camerota, M.**, Dansereau, L. M., DellaGrotta, S. A., & Lester, B. M. (2022). Analysis of neonatal neurobehavior and developmental outcomes among preterm infants. *JAMA Network Open*, 5, e2222249. <https://doi.org/10.1001/jamanetworkopen.2022.22249>
22. **Camerota, M.**, Wylie, A. C., Goldblum, J., Wideman, L., Cheatham, C. L., & Propper, C. B. (2022). Testing a cascade model linking prenatal inflammation to child executive function. *Behavioral Brain Research*, 431, 113959. <https://doi.org/10.1016/j.bbr.2022.113959>
23. McLaughlin, K., Chandra, A., **Camerota, M.**, & Propper, C. B. (2022). Relations between infant sleep quality, physiological reactivity, and emotional reactivity to stress at 3 and 6 months. *Infant Behavior and Development*, 67, 101702. <https://doi.org/10.1016/j.infbeh.2022.101702>
24. Propper, C. B., McLaughlin, K., Goldblum, J., **Camerota, M.**, Gueron-Sela, N., Mills-Koonce, W. R., & Wagner, N. J. (2022). Parenting and maternal reported child sleep problems in infancy predict school-age aggression and inattention. *Sleep Health*, 8, 62-68. <https://doi.org/10.1016/j.sleh.2021.11.010>

25. **Camerota, M.**, Davis, J. M., Dansereau, L. M., Oliveira, E. L., Padbury, J. F., & Lester, B. M. (2022). Effects of pharmacological treatment for neonatal abstinence syndrome on DNA methylation and neurobehavior: A prospective cohort study. *Journal of Pediatrics*, 243, 21-26. <https://doi.org/10.1016/j.jpeds.2021.12.057>
26. **Camerota, M.**, McGowan, E. C., Hofheimer, J. A., O'Shea, T. M., Carter, B. S., Helderma, J. B., Check, J., Neal, C. R., Pastyrnak, S. L., Smith, L. M., Loncar, C. M., Sheinkopf, S. J., Dansereau, L. M., DellaGrotta, S. A., & Lester, B. M. (2022). Neurodevelopmental profiles of infants born < 30 weeks gestation at 2 years of age. *Pediatric Research*, 91, 1579-1586. <https://doi.org/10.1038/s41390-021-01871-2>
27. Graw, S., **Camerota, M.**, Carter, B. S., Helderma, J. B., Hofheimer, J. A., McGowan, E. C., Neal, C. R., Pastyrnak, S. L., Smith, L. M., DellaGrotta, S. A., Dansereau, L. M., Padbury, J. F., O'Shea, T. M., Lester, B. M., Marsit, C. J., & Everson, T. M. (2021). NEOage clocks - Epigenetic clocks to estimate post-menstrual and postnatal age in preterm infants. *Aging*, 13, 23527-23544. <https://doi.org/10.18632/aging.203637>
28. **Camerota, M.**, Graw, S., Everson, T. M., McGowan, E. C., Hofheimer, J. A., O'Shea, T. M., Carter, B. S., Helderma, J. B., Check, J., Neal, C. R., Pastyrnak, S. L., Smith, L. M., Dansereau, L. M., DellaGrotta, S. A., Marsit, C. J., & Lester, B. M. (2021). Prenatal risk factors and neonatal DNA methylation in very preterm infants. *Clinical Epigenetics*, 13, 171. <https://doi.org/10.1186/s13148-021-01164-9>
29. **Camerota, M.**, Willoughby, M. T., & Blair, C. B. (2020). Measurement models for studying childhood executive functioning: Questioning the status quo. *Developmental Psychology*, 56, 2236-2245. <https://doi.org/10.1037/dev0001127>
30. **Camerota, M.**, Willoughby, M. T., Magnus, B. E., & Blair, C. B. (2020). Leveraging item accuracy and reaction time to improve measurement of child executive function ability. *Psychological Assessment*, 32, 1118-1132. <https://doi.org/10.1037/pas0000953>
31. Lerner, R., **Camerota, M.**, Tully, K. P., & Propper, C. B. (2020). Associations between infant sleep location, bed-sharing practices, and infant affect and behavior during the still-face paradigm. *Infant Behavior and Development*, 60, 101464. <https://doi.org/10.1016/j.infbeh.2020.101464>
32. **Camerota, M.**, Gueron-Sela, N., Grimes, M., & Propper, C. B. (2020). Longitudinal links between infant sleep and cognition: Moderation by maternal factors. *Infancy*, 25, 128-150. <https://doi.org/10.1111/inf.12321>
33. Short, S. J., Willoughby, M. T., **Camerota, M.**, Stephens, R. L., Steiner, R. J., Styner, M., & Gilmore, J. H. (2019). Individual differences in neonatal white matter are associated with executive function at 3 years of age. *Brain Structure and Function*, 224, 3159-3169. <https://doi.org/10.1007/s00429-019-01955-0>
34. **Camerota, M.** & Willoughby, M. T. (2019). Prenatal risk predicts preschooler executive function: A cascade model. *Child Development*, 91, e682-700. <https://doi.org/10.1111/cdev.13271>
35. **Camerota, M.**, Willoughby, M. T., & Blair, C. B. (2019). Speed and accuracy on the hearts and flowers task interact to predict child outcomes. *Psychological Assessment*, 31, 995-1005. <https://doi.org/10.1037/pas0000725>

36. \*Grimes, M., **Camerota, M.**, & Propper, C. B (2019). Neighborhood deprivation predicts infant sleep quality. *Sleep Health*, 5, 148-151. <https://doi.org/10.1016/j.sleh.2018.11.001>
37. **Camerota, M.**, Tully, K. P., Gueron-Sela, N., Grimes, M., Propper, C. B. (2018). Assessment of infant sleep: How well do multiple methods compare? *SLEEP*, 41, zsy146. <https://doi.org/10.1093/sleep/zsy146>
38. Gueron-Sela, N., **Camerota, M.**, Willoughby, M. T., Vernon-Feagans, L., Cox M. J., and the Family Life Project Key Investigators (2018). Maternal depressive symptoms, mother-child interactions and children's executive function. *Developmental Psychology*, 54, 71-82. <https://doi.org/10.1037/dev0000389>
39. **Camerota, M.**, Willoughby, M.T., Kuhn, L.J., & Blair, C.B. (2018). The Childhood Executive Functioning Inventory (CHEXI): Psychometric properties and relation to performance-based measures in US preschoolers. *Child Neuropsychology*, 24, 322-337. <https://doi.org/10.1080/09297049.2016.1247795>
40. Wagner, N.J., **Camerota, M.**, & Propper, C. (2017). Prevalence and perceptions of electronic cigarette use during pregnancy. *Maternal and Child Health Journal*, 21, 1655-1661. <https://doi.org/10.1007/s10995-016-2257-9>.
41. Gueron-Sela, N., Propper, C. B., Wagner, N. J., **Camerota, M.**, & Tully, K. P. (2016). Infant respiratory sinus arrhythmia and maternal depressive symptoms predict toddler sleep problems. *Developmental Psychobiology*, 59, 261-267. <https://doi.org/10.1002/dev.21480>
42. **Camerota, M.** & Bollen, K.A. (2016). Birth weight, birth length, and gestational age as indicators of favorable fetal growth conditions in a US sample. *PLOS One*, 11, e0153800. <https://doi.org/10.1371/journal.pone.0153800>
43. **Camerota, M.**, Willoughby, M.T., Cox, M., & Greenberg, M. (2015). Executive function in low birth weight preschoolers: The moderating effect of parenting. *Journal of Abnormal Child Psychology*, 43, 1551-1562. <https://doi.org/10.1007/s10802-015-0032-9>

#### OTHER PEER-REVIEWED PUBLICATIONS

1. **Camerota M.** & Lester B.M. (2025) Neurobehavioral Outcomes of Preterm Infants: Toward a Holistic Approach. *Pediatric Research*, 97, 1475-1480. <https://doi.org/10.1038/s41390-024-03505-9>.
2. **Camerota, M.**, Lester, B. M., Everson, T. M. (2023). Epigenetic studies of child neurodevelopment: What can we learn from a developmental science perspective? *Epigenomics*, 15, 799-804. <https://doi.org/10.2217/epi-2023-0218>.
3. Conradt, E., **Camerota, M.**, Maylott, S., & Lester, B.M. (2023). Prenatal opioid exposure: A two-generation approach to conceptualizing neurodevelopmental outcomes. *Journal of Child Psychology and Psychiatry*, 64, 566-578. <https://doi.org/10.1111/jcpp.13761>
4. Lester, B. M., **Camerota, M.**, & Everson, T. M. (2022). The emergence of developmental behavioral epigenomics. *Epigenomics*, 14, 499-502. <https://doi.org/10.2217/epi-2022-0065>

5. **Camerota, M.** & Willoughby, M. T. (2021). Applying interdisciplinary frameworks to study prenatal influences on child development. *Child Development Perspectives*, 15, 24-30. <https://doi.org/10.1111/cdep.12395>
6. **Camerota, M.**, Propper, C. B., & Teti, D. M. (2019). Intrinsic and extrinsic factors predicting infant sleep: Moving beyond main effects. *Developmental Review*, 53, 100871. <https://doi.org/10.1016/j.dr.2019.100871>

#### PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Kazi, S., Lester, B. M., Everson, T. M., Marsit, C. J., Carter, B. S... & **Camerota, M.** (2024) DNA methylation, environmental adversities and attention problems in children born very preterm. PsyArXiv. [Pre-print] Published online October 4, 2024. doi: 10.31234/osf.io/r5t4d

#### ABSTRACTS

1. Patel, P., Huang, C., **Camerota, M.**, Cragin, C., Carter, B. S., Check, J., Helderman, J. B., Hofheimer, J. A., McGowan, E. C., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Marsit, C. J., Lester, B. M., & Everson, T. M. (2025). Epigenome-wide associations of neonatal DNA methylation and autism-related traits in children born very preterm. Poster presented at 2025 European Perinatal and Paediatric Epidemiology Conference in Oslo, Norway.
2. **Camerota, M.**, Lester, B. M., Carter, B., Check, J., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Marsit, C. J. & Everson, T. M. (2025). Neonatal DNA methylation and trajectories of attention problems among children born very preterm. Poster presented at 2025 Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
3. **Camerota, M.** (2025). Neonatal epigenetics, health, and neurodevelopment in the Neonatal Neurobehavior and Outcomes in Very Preterm Infants (NOVI) Cohort. Paper presented at 2025 Pediatric Academic Societies Annual Meeting, Honolulu, HI.
4. Craft, A., **Camerota, M.**, Carter, B., Check, J., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Dansereau, L. M., DellaGrotta, S. A., Marsit, C. J., & Lester, B. M. (2025). Depression trajectories across early childhood for mothers of infants born very preterm. Poster presented at 2025 Pediatric Academic Societies Annual Meeting, Honolulu, HI.
5. Patel, P., **Camerota, M.**, Carter, B., Check, J., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Marsit, C. J., Lester, B. M., & Everson, T. M. (2025). Poorer neonatal neurobehavioral regulation is associated with longitudinal epigenetic age deceleration in children that were born very preterm. Poster presented at 2025 Pediatric Academic Societies Annual Meeting, Honolulu, HI.
6. Kazi, S., Everson, T. M., Marsit, C. J., Lester, B. M., & **Camerota, M.** (2024) DNA methylation and attention problems in children born very preterm. Poster presented at 2024 American Academy of Child & Adolescent Psychiatry Annual Meeting, Seattle, WA.
7. **Camerota, M.** (2024). Neurodevelopmental and behavioral outcome profiles of very preterm infants. Paper presented at 2024 Pediatric Academic Societies Annual Meeting, Toronto, Canada.

8. **Camerota, M.,** McGowan, E. C., Carter, B. S., Check, J., Dansereau, L., DellaGrotta, S. A., Helderman, J., Hofheimer, J. A., Loncar, C. M., Neal, C. R., O'Shea, M., Pastyrnak, S. L., Smith, L. M., Marsit, C. M., & Lester, B. M. (2024). Trajectories of attention problems in children born very preterm: Patterns and predictors. Paper presented at 2024 Pediatric Academic Societies Annual Meeting, Toronto, Canada.
9. **Camerota, M.,** McGowan, E. C., Carter, B. S., Check, J., Dansereau, L., DellaGrotta, S. A., Helderman, J., Hofheimer, J. A., Neal, C. R., O'Shea, M., Pastyrnak, S. L., Smith, L. M., & Lester, B. M. (2023). Prenatal risk phenotypes and neurodevelopmental outcomes among infants born very preterm. Paper presented at 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
10. **Camerota, M.,** McGowan, E. C., Aschner, J., Stroustrup, A., Karagas, M. R., Conradt, E., Crowell, S. E., Brennan, P., Carter, B. S., Check, J., Dansereau, L., DellaGrotta, S. A., Everson, T. M., Helderman, J., Hofheimer, J. A., Kuiper, J. R., Loncar, C. M., Marsit, C., Neal, C. R., O'Shea, M., Pastyrnak, S. L., Sheinkopf, S. J., Smith, L. M., Zhang, X., & Lester, B. (2023). Evaluating prenatal and perinatal factors associated with neonatal neurobehavior in preterm and full-term infants in the ECHO program. Paper presented at 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
11. **Camerota, M.,** Lester, B. M., McGowan, E. C., Carter, B., Check, J., Dansereau, L. M., DellaGrotta, S. A., Helderman, J. B., Hofheimer, J. A., Loncar, C. M., Neal, C. R., O'Shea, T. M., Pastyrnak, S. L., Smith, L. M., Marsit, C. J., & Everson, T. M. (2023). Contributions of prenatal risk factors and neonatal epigenetics to cognitive outcome in children born very preterm. Poster presented at 2023 Pediatric Academic Societies Annual Meeting, Washington, DC.
12. **Camerota, M.,** Lester, B. M., Carter, B., Check, J., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., Pastyrnak, S. L., Smith, L. M., O'Shea, T. M., Marsit, C. J., Everson, T. M. (2022). Epigenome-wide association study identifies neonatal DNA methylation associated with two-year attention problems in children born very preterm. Poster presented at 2022 Epigenomics of Common Disease Conference, Virtual Meeting.
13. **Camerota, M.,** McGowan, E. C., Hofheimer, J. A., O'Shea, T. M., Carter, B. S., Helderman, J., Check, J., Neal, C. R., Pastyrnak, S. L., Smith, L. M., Loncar, C. M., Sheinkopf, S., Dansereau, L., DellaGrotta, S. A., & Lester, B. (2021). Neurodevelopmental profiles of infants born < 30 weeks gestation at 2 years of age. Paper presented at 2021 Pediatric Academic Societies Annual Meeting, Virtual Meeting.
14. **Camerota, M.,** Davis, J. M., Czynski, A., Dansereau, L., Oliveira, E., Padbury, J., & Lester, B. M. (2021). Pharmacological treatment for neonatal abstinence syndrome alters neonatal DNA methylation and neurobehavior. Poster presented at 2021 Pediatric Academic Societies Annual Meeting, Virtual Meeting.
15. **Camerota, M.,** Short, S. J., Stephens, R. L., Propper, C. B. (2021) Maternal prenatal distress, neonatal brain volume, and infant sleep. Paper presented at 2021 Society for Research in Child Development Biennial Meeting, Virtual Meeting.
16. **Camerota, M.,** Graw, S., Everson, T. M., McGowan, E. C., Hofheimer, J. A., O'Shea, T. M., Carter, B. S., Helderman, J., Check, J., Neal, C. R., Pastyrnak, S. L., Smith, L. M., Dansereau, L., DellaGrotta, S. A., Marsit, C. J., & Lester, B. M. (2021). Prenatal stressors and neonatal DNA methylation in extremely preterm infants. Paper presented at 2021 Brown University Mind-Brain Research Day, Virtual Meeting.

17. Graw, S., **Camerota, M.**, Carter, B., Helderman, J., Hofheimer, J. A., McGowan, E. C., Neal, C. R., Pastyrnak, S. L., Smith, L. M., O'Shea, T. M., Lester, B. M., Marsit, C. J., Everson, T. M. (2020). An epigenetic clock to estimate postmenstrual and postnatal age in preterm infants. Poster presented at 2020 Epigenomics of Common Diseases Conference, Virtual Meeting.
18. Wylie, A., **Camerota, M.**, Goldblum, J., Wideman, L., & Propper, C. B. (2020). Maternal prenatal inflammatory markers and child executive functions: Cascading effects through infant cognition. Poster presented at 2020 Annual Meeting of the International Society for Developmental Psychobiology, Virtual Meeting.
19. **Camerota, M.**, Gueron-Sela, N., & Propper, C. B. (2019). Maternal Education and Sleep Quality Moderate the Associations Between Infant Sleep and Cognition. Paper presented at 2019 Society for Research in Child Development Biennial Meeting, Baltimore, MD.
20. McLaughlin, K., Grimes, M., & **Camerota, M.** (2019). Three Measures of Prenatal Tobacco Use: Methodological Comparisons and Infant Outcomes. Poster presented at 2019 Society for Research in Child Development Biennial Meeting, Baltimore, MD.
21. **Camerota, M.**, Propper, C. B., & Wideman, L. (2019). Maternal obesity and inflammation during pregnancy predict infant neurodevelopment. Poster presented at 2019 Annual Meeting of the International Society for Developmental Psychobiology, Chicago, IL.
22. **Camerota, M.**, Cheatham, C. L., & Propper, C. B. (2019). Maternal Obesity and Fatty Acids During Pregnancy Predict Infant Sleep and Cognition. Paper presented at 2019 Society for Research in Child Development Biennial Meeting, Baltimore, MD.
23. **Camerota, M.** & Willoughby, M. T. (2018). Perinatal risk factors, infant general cognition, and preschooler executive function: A cascade model. Paper presented at 2018 International Conference on Infant Studies Biennial Meeting, Philadelphia, PA.
24. **Camerota, M.** & Propper, C. B. (2017). Maternal nutrition during pregnancy predicts infant sleep quality. Paper presented at 2017 Pediatric Sleep Medicine Conference, Amelia Island, FL.
25. Grimes, M., **Camerota, M.**, & Propper, C.B. (2017). The relationship between community-level risk factors and infant sleep at 3 months. Poster presented at 2017 Pediatric Sleep Medicine Conference, Amelia Island, FL.
26. Gueron-Sela, N., **Camerota, M.**, & Propper, C. (2017). Maternal depressive symptoms, infant parasympathetic reactivity and sleep in the first 6 months. Poster presented at 2017 Pediatric Sleep Medicine Conference, Amelia Island, FL.
27. **Camerota, M.**, Propper, C. B., & Tully, K. P. (2017). Bedtime parenting practices predict African-American infant sleep quality. Paper presented at 2017 Society for Research in Child Development Biennial Meeting, Austin, TX.
28. Gueron-Sela, N., Propper, C., Wagner, N. J., **Camerota, M.**, Tully, K. P., & Moore, G. (2017). Infant Respiratory Sinus Arrhythmia and Maternal Depressive Symptoms Predict Toddler Sleep Problems. Paper presented at 2017 Society for Research in Child Development Biennial Meeting, Austin, TX.

29. Lerner, R., **Camerota, M.**, Tully, K. P., & Propper, C. B. (2017). Does Maternal-Infant Bed-Sharing Promote Parent-Child Relationship Quality? Poster presented at 2017 Society for Research in Child Development Biennial Meeting, Austin, TX.
30. **Camerota, M.**, & Wagner, N.J. (2016). Prevalence, patterns, and perceptions of electronic cigarette use in pregnant women. Paper presented at 2016 Center for Regulatory Research on Tobacco Communication Annual Retreat, Chapel Hill, NC.
31. **Camerota, M.**, Wagner, N. J., & Propper, C. (2016). Electronic cigarette use among pregnant women: Prevalence, perceptions, and implications for infant birth weight. Poster presented at 2016 International Conference on Infant Studies Biennial Meeting, New Orleans, LA.
32. **Camerota, M.**, & Bollen, K. A. (2016). Birth weight, birth length, and gestational age as indicators of favorable fetal growth conditions in a US sample. Poster presented at 2016 International Conference on Infant Studies Biennial Meeting, New Orleans, LA.
33. Wagner, N. J., Propper, C., **Camerota, M.**, & Gueron-Sela, N. (2016). Low Birth Weight, Parenting in Infancy, and Trajectories of Children's Sleep Problems Predict Teacher-Rated Attention and Aggression Problems. Poster presented at 2016 International Conference on Infant Studies Biennial Meeting, New Orleans, LA.
34. **Camerota, M.**, Gueron-Sela, N., & Propper, C. (2015). Childhood sleep problems and executive function: The moderating effect of sensitive caregiving. Poster presented at 2015 Pediatric Sleep Medicine Conference, Amelia Island, FL.
35. Gueron-Sela, N., **Camerota, M.**, & Propper, C. (2015). Biological sensitivity to context in early childhood sleep problems. Poster presented at 2015 Pediatric Sleep Medicine Conference, Amelia Island, FL.
36. Wagner, N.J., & **Camerota, M.** (2015). Prevalence, patterns, and perceptions of electronic cigarette use in pregnant women. Poster presented at 2015 Center for Regulatory Research on Tobacco Communication Retreat, Chapel Hill, NC.
37. **Camerota, M.**, Willoughby, M.T., Cox, M., & Greenberg, M. (2015) Executive Function in Low Birth Weight Preschoolers: The Moderating Effect of Parenting. Poster presented at 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
38. **Camerota, M.**, Casasola, M., Evans, G.W. (2013). Does parenting matter? Exploring the link among poverty, mental state language, and executive function in infancy. Poster presented at 2013 Cornell Undergraduate Research Board Symposium, Ithaca, NY.

## INVITED PRESENTATIONS

### NATIONAL

2025    *"Neurodevelopmental trajectories following very preterm birth: Environment, epigenetics, and the exposome"*

Developmental Science Colloquium, Department of Psychological & Brain Sciences, Boston University, Boston, MA

- 2025 *“Neurodevelopmental trajectories following very preterm birth: Environment, epigenetics, and exposome, oh my!”*  
Hercules Exposome Research Center Seminar Series, Emory University Rollins School of Public Health, Atlanta, GA
- 2024 *“Neurodevelopmental and behavioral outcome profiles of very preterm infants”*  
Hot Topic Symposia, 2024 Pediatric Academic Societies Annual Meeting, Toronto, Canada
- 2023 *“Epigenetic studies of child neurodevelopment: What can we learn from a developmental science perspective?”*  
Research Seminar, Emory University Rollins School of Public Health, Atlanta, GA
- 2021 *“Interdisciplinary Frameworks for Studying Prenatal Influences on Children: Challenges and Opportunities for Advancing Research on Prenatal Risk”*  
Institute for Innovations in Developmental Sciences, Northwestern University, Virtual

#### REGIONAL/LOCAL

- 2021 *“Prenatal Influences on Infant and Child Neurodevelopment”*  
Developmental Psychology Brown Bag, UNC Chapel Hill
- 2020 *“Prenatal Influences on Infant and Child Neurodevelopment”*  
Brown Center for the Study of Children at Risk, Women & Infants Hospital
- 2019 *“Maternal Diet and Inflammation During Pregnancy and Infant Sleep”*  
Sleep Research Forum, Department of Allied Health Sciences, UNC Chapel Hill
- 2018 *“Advancing the study of infant sleep: Measurement, precursors, and cognitive correlates”*  
Developmental Psychology Brown Bag, UNC Chapel Hill
- 2017 *“New Methodologies for Studying Infant Sleep: Preliminary Findings and Future Research Agenda”*  
Student Speaker, UNC-Duke Developmental Psychology Research Meeting, Duke University
- 2016 *“Measuring Fetal Growth Conditions: A Case Study on Considerations for Replicating Research”*  
Quantitative Psychology Brown Bag, UNC Chapel Hill

#### GRANTS

- |                                                                                         |                      |                       |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------|
| 1. R01HD117782                                                                          | <b>Camerota (PI)</b> | 07/06/2026-03/31/2031 |
| Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) |                      |                       |
| Total Amount: \$ 3,885,132                                                              |                      |                       |

Title: A Hidden Phenotype: Understanding Subclinical Deficits in Attention, Executive Function, and Social Communication in Children Born Very Preterm  
Role: Principal Investigator

2. R03HD115843 **Camerota (PI)** 08/16/2024-07/31/2026  
Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)  
Total Amount: \$174,954  
Title: Caregiving Influences on Attention and Executive Function in Children Born Very Preterm  
Role: Principal Investigator
3. K01MH129510 **Camerota (PI)** 04/01/2022-03/31/2027  
National Institute of Mental Health (NIMH)  
Total Amount: \$946,621  
Title: Longitudinal Antecedents of Attention Problems in Very Preterm Children: Role of Epigenetics, Executive Function, and Caregiver Psychological Distress  
Role: Principal Investigator
4. Unnumbered **Camerota (PI)** 07/01/2018-06/30/2019  
Sleep Innovation Research Grant Program, Department of Allied Health Sciences, UNC-CH  
Total Amount: \$10,000  
Title: Influence of Prenatal Inflammation and Diet on Infant Sleep Quality  
Role: Co-Principal Investigator
5. Unnumbered **Camerota & Wagner (Co-PI)** 09/01/2014-08/31/2015  
Center for Regulatory Research on Tobacco Control Pilot Funding, UNC-CH  
Total Amount: \$14,038  
Title: Prevalence, Perceptions and Patterns of Electronic Cigarette Use in Pregnant Women  
Role: Co-Principal Investigator

### UNIVERSITY TEACHING ROLES

Instructor, *Directed Research/Independent Study* (BIOL 1960), Department of Biology, Brown University; Fall 2023, Spring 2024, Fall 2024, Spring 2025

Instructor, *Child Development*, Department of Psychology, University of North Carolina at Chapel Hill; Spring 2017

Instructional Assistant, *Child Development*, Department of Psychology, University of North Carolina at Chapel Hill; Fall 2016

Instructor, *Introduction to Structural Equation Modeling Short Course*, The Odum Institute, University of North Carolina at Chapel Hill; Fall 2016

Undergraduate Teaching Assistant, *Introduction to Human Environmental Relations*, Department of Design and Environmental Analysis, Cornell University; Spring 2013

Undergraduate Teaching Assistant, *Research Methods in Human Development*, Department of Human Development, Cornell University; Fall 2012

## HOSPITAL MENTORING

### **Women and Infants Hospital**

Elisabeth McGovern, MD (Neonatology Fellow Research Mentor, 2025-present)

#### *Resulting Abstracts:*

McGovern, E., Craft, A. L., Carter, B. S., Check, J., Helderman, J. B., Hofheimer, J. A., McGowan, E. C., Neal, C. R., Pastyrnak, S. L., Smith, L. M., O'Shea, T. M., Marsit, C. J., Lester, B. M., & **Camerota, M.** (2025). Associations Between Parental Stress and Parenting Quality in Parents of Very Preterm Infants. Abstract submitted to 2026 Pediatric Academic Societies Annual Meeting, Boston, MA.

## UNIVERSITY MENTORING

### **Brown University**

Abigail Gulchin (Undergraduate Honor's Thesis; 2021-2022)

Michelle Guo (Undergraduate Honor's Thesis; 2021-2022)

Michaela Loughran (High School Advanced Science Research Project; 2021-2022)

Annika Coleman (Undergraduate Honor's Thesis; 2023-2024)

Samiha Kazi (Undergraduate Honor's Thesis; 2023-2024)

Elijah McCray (Directed Research; 2023-2024)

Olivia Perez (Master's Thesis Committee; 2024)

Ayanna Singh (High School Advanced Science Research Project; 2024)

Icy Liang (Undergraduate Honor's Thesis; 2024-2025)

Adriana Ruiz (Undergraduate Honor's Thesis, 2025-present)

Angelica Aragon Vasquez (Master's Thesis Advisor, 2025-present)

#### *Resulting Abstracts:*

Liang, I., **Camerota, M.**, & Lester, B. M. (2025). Neonatal epigenetics and attention problem trajectories in children born very preterm. Poster presented at 2025 Biological Sciences Senior Research & Capstone Poster Day, Department of Biology, Brown University.

McCray, E., **Camerota, M.**, Lester, B. M. (2024). A novel glucocorticoid score predicts behavior problems in children born very preterm. Poster presented at 2024 Mind-Brain Research Day, Department of Psychiatry and Human Behavior, Brown University.

**\*Awarded first prize, undergraduate student category**

Kazi, S., Everson, T. M., Marsit, C. J., Lester, B. M., & **Camerota, M.** (2024) DNA methylation and attention problems in children born very preterm. Poster presented at 2024 American Academy of Child and Adolescent Psychiatry Annual Meeting.

### **University of North Carolina at Chapel Hill**

Rachel Lerner (Undergraduate Honor's Thesis; 2016-2017)

Sophia Rowland (Undergraduate Honor's Thesis; 2016-2017)

Archita Chandra ((Undergraduate Honor's Thesis; 2016-2017)

*Resulting Abstracts and Publications:*

Lerner, R., Camerota, M., Tully, K. P., & Propper, C. B. (2017). Does Maternal-Infant Bed-Sharing Promote Parent-Child Relationship Quality? Poster presented at 2017 Society for Research in Child Development Biennial Meeting, Austin, TX.

Lerner, R., Camerota, M., Tully, K. P., & Propper, C. B. (2020). Associations between infant sleep location, bed-sharing practices, and infant affect and behavior during the still-face paradigm. *Infant Behavior and Development*, 60, 101464. <https://doi.org/10.1016/j.infbeh.2020.101464>