Denise Werchan, Ph.D.

*Department of Child & Adolescent Psychiatry*

*New York University School of Medicine*

Email: Denise.Werchan@nyulangone.org

Website: denisewerchan.com

# ACADEMIC APPOINTMENTS

2020 – Present Post-Doctoral Research Fellow

 Department of Child & Adolescent Psychiatry

 New York University School of Medicine, New York, NY

2020 – 2022 Post-Doctoral Research Fellow

 Department of Population Health

 New York University School of Medicine, New York, NY

2019 – 2020 Post-Doctoral Research Scientist

 Department of Cognitive, Linguistic, & Psychological Sciences

 Brown University, Providence, RI

# EDUCATION

2020 Ph.D., Cognitive Science

 Brown University, Providence, RI

 *Committee: Dr. Dima Amso (chair), Dr. Kevin Bath, Dr. Michael Frank*

2016 Sc.M., Psychology

 Brown University, Providence, RI

 *Committee: Dr. Dima Amso (chair), Dr. Michael Frank, Dr. David Sobel*

2011 B.S., Psychology with Honors, *Summa Cum Laude*

 University of Arizona, Tucson, AZ

 *Honors thesis advisor: Dr. Rebecca Gómez*

**RESEARCH AREA**

* Brain and Cognitive Development in Infancy and Childhood
* Environmental Shaping of Executive Functions and Prefrontal Cortex
* Contextual Influences on Attention, Learning, and Executive Functions

# SELECTED HONORS & AWARDS

2023 NIH/National Eye Institute Travel Grant – *Vision Sciences Society*

2022 Early Career Research Grant Award – *APA Division 7*

2021 Travel Award – *International Society for Developmental Psychobiology*

2020 Student Investigator Award – *International Society for Developmental Psychobiology*

2020 Dissertation Award – *FLUX Society for Developmental Cognitive Neuroscience*

2018-19 Graduate Award in Brain Science – *Brown University Carney Institute for Brain Science*

2017-18 Betty R.H. and James M. Pickett Fellowship Fund – *Brown University*

2017 Newton International Fellowship – *The British Society/The University of Cambridge* (*declined*)

2016 Travel Award – *International Congress of Infant Studies*

2013-16 National Science Foundation Graduate Research Fellowship

2014 Travel Award – *International Society for Developmental Psychobiology*

2013-14 Graduate Research Fellowship – *Brown University*

2013 Sackler Developmental Psychobiology Fellowship – *Cornell University*

2013 Travel Award – *Sleep Research Society*

2012-13 Harvill Graduate Research Grant – *The University of Arizona*

2012 Excellence in Research Award – *The University of Arizona*

2012 William James Award – *The University of Arizona Department of Psychology*

2012 Galileo Circle Scholarship – *The University of Arizona*

2012 Phi Beta Kappa Society

2011 Undergraduate Research Grant – *The University of Arizona*

2011 William C. Dement Sleep Research Fellowship – *Brown University*

# CURRENT GRANT SUPPORT

**R01 DA** **059415 (2023-2027)**National Institute on Drug Abuse (NIDA)
*Integrating eye-tracking and ECG methodologies for remote infant neurocognitive assessments in the home*

Role: Co-Investigator (PI: Brito)Total: $597,896

**Young Investigator Grant** (2023-2025)

Brain and Behavior Research Foundation (BBRF)

*Ontological origins of psychopathology: intergenerational transmission through maternal programming of the developing gut microbiome in offspring*

Role: Principal Investigator Total: $70,000

**Small Grants Program for Early Career Scholars** (2022-2023)

Society for Research in Child Development (SRCD)

*Naturalistic studies of infant visual attention: improving ecological validity and diversity in developmental science through innovation in remote infant eye tracking*

Role: Principal Investigator Total: $7,500

# PUBLICATIONS

1. **Werchan, D.M.,** Hendrix, C.L., Hume, A., Zhang, M., Thomason, M.E.,& Brito, N.H. (2023). Effects of prenatal psychosocial stress and COVID-19 infection on infant attention and socioemotional development. *Pediatric Research.*
2. **Werchan, D.M.,** Thomason, M.E., & Brito, N.H. (2022). OWLET: An Automated, Open-Source Method for Infant Gaze Tracking using Smartphone and Webcam Recordings. *Behavior Research Methods.*
3. **Werchan, D.M.,** Brandes-Aitken, A., & Brito, N.H. (2022). Signal in the Noise: Dimensions of Predictability in the Home Auditory Environment are Associated with Neurobehavioral Measures of Early Infant Sustained Attention. *Developmental Psychobiology.*
4. Hendrix, C.L., Ji, L., **Werchan, D.M.**, Majbri, A., Trentacosta, C.J., Burt, A., & Thomason, M.E. (2022). Fetal frontolimbic connectivity prospectively associates with aggression in toddlers. *Biological Psychiatry: Global Open Science.*
5. Hendrix, C.L., **Werchan, D.M,** Ablow, J.C., Amstadrer, A.B., Austin, A.C., Babineau, V., Bogat, G. A., Cioffredi, L., Conradt, E., Crowell, S. E., Dumitriu, D., Fifer, W., Firestein, M. R., Gao, W., Gotlib, I. H., Graham, A., Gregory, K.D., Gustafsson, H.C., Havens, K.L., ... Thomason, M.E. (2022). Geotemporal analysis of perinatal care changes and maternal mental health: An example from the COVID-19 pandemic. *Archives of Women’s Mental Health.*
6. **Werchan, D.M.**, Ku, S., Berry, D., & Blair, C. (2022). Sensitive Caregiving and Reward Responsivity: A Novel Mechanism Linking Parenting and Executive Functions Development in Early Childhood. *Developmental Science.*
7. Thomason, M.E., Hendrix, C.L., **Werchan, D.M.**, & Brito, N.H. (2022). Perceived discrimination as a modifier of health, disease, and medicine: empirical data from the COVID-19 pandemic. *Translational Psychiatry.*
8. Brito, N.H., **Werchan, D.M.,** Brandes-Aitken, A., Greaves, A., Zhang, M. (2022). Paid Maternal Leave is Associated with Infant Brain Function at 3-Months of Age. *Child Development.*
9. **Werchan, D.M,** Hendrix, C.L., Ablow, J.C., Amstadrer, A.B., Austin, A.C., Babineau, V., Bogat, G.A., Cioffredi, L., Conradt, E., Crowell, S.E., Dumitriu, D., Fifer, W., Firestein, M. R., Gao, W., Gotlib, I.H., Graham, A., Gregory, K.D., Gustafsson, H.C., Havens, K.L., ... Brito, N.H. (2022). Behavioral coping phenotypes and psychosocial outcomes in a national US sample of pregnant and postpartum women during the COVID-19 pandemic. *Nature Scientific Reports.*
10. Thomason, M.E., **Werchan, D.M.,** & Hendrix, C.L. (2022). COVID-19 patient accounts of illness severity, treatments and lasting symptoms. *Nature Scientific Data.*
11. Thomason, M.E., Palopoli, A.C., Jariwala, N.N., **Werchan, D.M.,** Chen, A., Adhikari, S., Espinoza-Heredia, C., Brito, N.H., & Trentacosta, C.J. (2021). Miswiring the brain: Human prenatal Δ9-tetrahydrocannabinol use associated with altered fetal hippocampal brain network connectivity. *Developmental Cognitive Neuroscience.*
12. **Werchan, D.M.** & Amso, D. (2021). All contexts are not created equal: Social stimuli win the competition for organizing reinforcement learning in 9-month-old infants. *Developmental Science.*
13. **Werchan, D.M.**, Kim, J., & Gómez, R.L. (2021). A Daytime Nap Combined with Nighttime Sleep Promotes Learning in Toddlers. *Journal of Experimental Child Psychology.*
14. **Werchan, D.M.** & Amso, D. (2020). Adaptive Rule Learning of Event Sequences During the A‐not‐B Task in 9‐Month‐Old Infants*.**Developmental Psychobiology.*
15. **Werchan, D.M.** & Amso, D. (2020). Top-Down Knowledge Rapidly Acquired Through PFC-Dependent Rule Learning Biases Visual Attention in 9-Month-Old Infants. *Developmental Cognitive Neuroscience.*
16. **Werchan, D.M.,** Lynn, A., Baumgartner, H., Kirkham, N.Z., & Amso, D. (2019). The Emergence of Object-Based Visual Attention in Infancy: A Role for Family Socioeconomic Status and Competing Visual Features. *Infancy.*
17. **Werchan, D.M.**, Baumgartner, H., Lewkowicz, D. & Amso, D. (2018). The Origins of Cortical Multisensory Dynamics: Evidence from Human Infants. *Developmental Cognitive Neuroscience.*
18. **Werchan, D.M.** & Amso, D. (2017). A Novel Ecological Model of Prefrontal Cortex Functional Development. *Psychological Review, 24*(6), 720-739.
19. **Werchan, D.M.**, Collins, A.G.E, Frank, M.J., & Amso, D. (2016). Role of Prefrontal Cortex in Learning and Generalizing Hierarchical Rules in 8-Month-Old Infants. *The* *Journal of Neuroscience, 36*(40), 10314-10322*.*
20. Simon, K.N.S., **Werchan, D.M.**, Goldstein, M., Sweeney, L., Bootzin, R.R., Nadel, L., & Gómez, R.L. (2016). Sleep and Statistical Language Learning: Insights into Cortical Development and Retention in 6.5-Month-Olds. *Brain & Language, 167,* 3-12*.*
21. **Werchan, D.M.**, Collins, A.G.E, Frank, M.J., & Amso, D. (2015). Eight-Month-Old Infants Spontaneously Learn and Generalize Hierarchical Rules. *Psychological Science, 26*(6), 805-15.
22. **Werchan, D.M.** & Gómez, R.L. (2014). Wakefulness (Not Sleep) Promotes Generalization of Word Learning in 2.5-Year-Old Children. *Child Development, 85*(2), 429-436*.*
23. **Werchan, D.M.** & Gómez, R.L. (2013). Generalizing Memories Over Time: Reinforcement and Sleep Facilitate Transitive Inference. *Neurobiology of Learning and Memory, 100,* 70-76*.*

**MANUSCRIPTS UNDER REVIEW OR IN REVISION**

1. **Werchan, D.M.,** Aitken, A.B., Ku, S.,& Blair, C. (in revision). Naturalistic patterns of sustained attention across early childhood: Developmental profiles and longitudinal associations with executive functions. *Developmental Psychology.*

**OPEN-SOURCE SOFTWARE PACKAGES**

**The Online Webcam-Linked Eye Tracker (OWLET)**

**Werchan, D.M.**, Thomason, M.E., Brito, N.H.

GitHub Repository: https://github.com/denisemw/owlet

**INVITED TALKS**

June 2023 Child Development Lab, University of Maryland

July 2022 Impact of Comorbid COVID-19 and Substance Use During Pregnancy on Fetal and Infant Development NIDA Workshop, Flash Talk

April 2022 National Institutes of Health Social, Behavioral, and Economic (SBE) Health Impacts of COVID-19 Spring Webinar

May 2021 T32 Fellowship Seminar, Department of Psychiatry, Columbia University Irving Medical Center

November 2020 International Society for Developmental Psychobiology, Student Investigator Award talk

September 2020 FLUX Congress for Developmental Cognitive Neuroscience, Dissertation Award talk.

January 2020 Department of Psychology, University of Texas - Dallas

January 2020 Department of Psychology, University of Oregon

January 2019 Department of Psychology, Columbia University

December 2018 Department of Psychology, University of Toronto

December 2018 Department of Psychology, Carnegie Mellon University

November 2018 Department of Psychology, Stanford University

October 2018 Department of Psychology, Boston College

October 2018 Department of Psychology, Harvard University

September 2018 SaxeLab, Massachusetts Institute of Technology

**PRESENTATIONS**

*Conference talks*

1. Werchan, D.M., Hendrix, C. L., Blair, C., Thomason, M. E., & Brito, N. H. (2022, July). *Influences of the home visual environment on infant attention: insights from remote webcam eye tracking.* Talk presented at the annual meeting for the Vision Sciences Society, St. Pete Beach, FL.
2. Werchan, D.M., Hendrix, C. L., Blair, C., Thomason, M. E., & Brito, N. H. (2022, July). *Blunted reward sensitivity as a novel link between maternal depression and self-regulation development: convergent evidence from two prospective longitudinal cohorts.* Talk to be presented at the International Congress of Infant Studies, Ottawa, ON.
3. Werchan, D.M., Thomason, M. E. Brito, N. H., VanTieghem, M. et al. (2021, April). *COVID-19 and Perinatal Experiences: Individual differences in coping strategies predict emotional wellbeing in perinatal women.* Talk presented at the biennial meeting for the Society for Research in Child Development*,* virtual meeting.
4. Hendrix, C. L., Werchan, D. M., Lenniger, C. J., Austin, A. C., Brito, N. H., & Thomason, M. E. (2021, April). *Geographic Variability in Perinatal Care Disruptions as a Consequence of COVID-19.* Talk presented at the biennial meeting for the Society for Research in Child Development*,* virtual meeting.
5. Werchan, D.M., Collins, A. G. E., Frank, M. J., & Amso, D. (2016, May). *8-Month-Old Infants Create Hierarchical Rules to Support Learning and Generalization in Novel Contexts*. Talk presented at the International Congress of Infant Studies, New Orleans, LA.
6. Werchan, D.M., Kim, J., & Gomez, R. L. (2016, May). *Nighttime Sleep Enhances Preschoolers’ Long-Term Generalization of Word Learning.*Talk presented at the International Congress of Infant Studies, New Orleans, LA.
7. Newman-Smith, K., Werchan, D.M., Bootzin, R., Nadel, L., & Gomez, R.L. (2015, March). *Retention of Statistical Learning in 6.5-Month-Old Infants*. Talk presented at the Society for Research in Child Development biennial meeting, Philadelphia, PA.
8. Werchan, D.M., Collins, A. G. E., Frank, M. J., & Amso, D. (2014, November). *The development of hierarchical rule learning and generalization in infancy*. Talk presented at the Society for Neuroscience*,* Washington, DC.
9. Werchan, D.M., Collins, A. G. E, Frank, M. J., & Amso, D. (2014, September). *The early emergence of hierarchical rule learning*. Talk presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience*,* Los Angeles, CA.
10. Werchan, D.M., & Gomez, RL. (2013, April). *Wake (not sleep) promotes generalization of word learning in toddlers*. Talk presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.

*Select conference posters*

1. Werchan, D.M., Hume, A., Zhang, M., Brandes-Aitken, A., & Brito., N.H. (2023, September). *Longitudinal associations between the predictability of maternal behavior and infant brain function.* Poster presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience, Santa Rosa, CA.
2. Zhang, M., Werchan, D.M., Brito, N.H., & Thomason, M.E. (2023, July). *Maternal Mental Health and Maternal Sensory Input During Play with 6 Month Old Infants.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Leiden, The Netherlands.
3. Gaines, L., Susskind, B., Srinivasan, H., Hendrix, C., Werchan, D.M., McCormack, C., Brito, N. H., & Thomason, M. E. (2023, July). *Temperament of Infants Exposed to Sars-Cov-2 Infection and Pandemic Stress in Utero.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Leiden, The Netherlands.
4. Susskind, B., Gaines, L., Srinivasan, H., McCormack, C., Werchan, D.M., Brito, N. H., & Thomason, M. E. (2023, July). *The Impact of Maternal Sars-Cov-2 Infection on Maternal Inflammation, Maternal Depressive Symptoms, and Child Outcomes.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Leiden, The Netherlands.
5. Perez, G., Tisborn, K., Yan, L., Klein, R., Werchan, D.M., Thomason, M. E., & Brito, N. H. (2023, July). *Emotion Regulation and Associations to Maternal Mental Health: Comparing Measures of Emotion Regulation at 6 and 12 Months.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Leiden, The Netherlands.
6. Werchan, D.M., Brandes-Aitken, A., Ku, S. & Blair. C. (2021, November). *Naturalistic patterns of attention during shared book reading in early childhood: longitudinal trajectories and associations with emerging executive functions.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Chicago, IL.
7. Werchan, D.M., Hendrix, C., Thomason, M. E., & Brito, N. H. (2021, November). *Infant visual attention and maternal depression: a novel remote assessment for examining longitudinal impacts of the COVID-19 pandemic on infant development.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Chicago, IL.
8. Hume, A., Werchan, D.M., Hendrix, C., Thomason, M. E., & Brito, N. H. (2021, November). *COVID-19 perinatal care disruptions, maternal depression, and subsequent infant outcomes: investigating longitudinal associations and protective factors.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Chicago, IL.
9. Zhang, M., Werchan, D.M., Thomason, M. E., & Brito, N. H. (2021, November). *Examining infant attention in relation to mother infant behavioral synchrony.* Poster presented at the annual meeting for the International Society for Developmental Psychobiology, Chicago, IL.
10. Martino, R.M., Amso, D. & Werchan, D.M. (2021, April). *Acquisition of Gender STEM Stereotypes through Reinforcement Learning in School-Age Children.* Poster presented at the biennial meeting for the Society for Research in Child Development*,* virtual meeting.
11. Martino, R.M., Amso, D. & Werchan, D.M. (2020, September). *Acquisition of Gender STEM Stereotypes through Reinforcement Learning in School-Age Children.* Poster presented at the Flux Congress for Developmental Cognitive Neuroscience*,* virtual meeting.
12. Werchan, D.M., Gordon, L., & Amso, D. (2019, October). *Top-down activation in mid-level visual regions supports efficient object perception in 8-10-month-old infants.* Poster presented at the Biennial Conference of the Cognitive Development Society*,* Louisville, KY.
13. Werchan, D.M. & Amso, D. (2018, September). *Abstract Rule Learning Supports the Development of Visual Attentional Biases in 9-Month-Old Infants.* Poster presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience*,* Berlin, Germany.
14. Placido, D., Nketia, J., Werchan, D.M. & Amso, D. (2018, September). *Exploring the effects of emotional enrichment on components of executive functions in children of varying socioeconomic status.* Poster presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience*,* Berlin, Germany.
15. Novick, A. M., Werchan, D.M., Amso, D., Parade, S. H., Ackerman, L, Gunther, K., Seifer, R., Philip, N. S., & Tyrka, A. R. (2018, May). *Cognitive and Affective Function in School- Aged Children Experiencing Trauma and Adversity*. Poster presented at the 73rd Annual Meeting of the Society of Biological Psychiatry, New York, NY.
16. Werchan, D.M., Gunther, K., & Amso, D. (2017, September). *9-Month-Old Infants use Higher-Order Contexts to Support Working Memory in the A-Not-B Task.* Poster presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience*,* Portland, OR.
17. Werchan, D.M., Baumgartner, H., Martino, R., Lewkowicz, D. & Amso, D. (2017, April). *Unisensory and Multisensory Processing in Cortex.* Poster presented at the Society for Research in Child Development, Austin, TX.
18. Werchan, D.M., Gunther, K., & Amso, D. (2017, April). *9-Month-Old Infants use Contextual Cues to Support Working Memory in the A-Not-B Task.* Poster presented at the Society for Research in Child Development, Austin, TX.
19. Baumgartner, H, Werchan, D.M., Lewkowicz, D. & Amso, D. (2016, September). *Cortical Plasticity and Specialization in Response to Multimodal Events in Infancy.* Poster presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience*,* St. Louis, MO.
20. Werchan, D.M., Collins, A. G. E., Frank, M. J., & Amso, D. (2015, September). *Activation of prefrontal cortex during hierarchical rule learning in 8-month-old infants: data from near-infrared spectroscopy*. Poster presented at the Flux Congress on Integrative Developmental Cognitive Neuroscience, Leiden, The Netherlands.
21. Werchan, D.M., Collins, A. G. E, Frank, M. J., & Amso, D. (2014, November). *Hierarchical rule learning and generalization in infancy*. Poster presented at the annual meeting of the International Society for Developmental Psychobiology*,* Washington, DC.
22. Newman-Smith, K., Werchan, D.M., Goldstein, M., Bootzin, R., Nadel, L., & Gomez, R.G. (2014, June). *A nap and its relationship to consolidation and retention of new learning in 6.5-month-olds.* Poster presented at the annual meeting of the Society for Sleep Research, Minneapolis, MN.
23. Werchan, D.M., & Gomez, RL. (2013, June). *Wake (not sleep) enhances preschool age children’s generalization of word learning*. Poster presented at the annual meeting of the Society for Sleep Research, Baltimore, MD.
24. Werchan, D.M., & Gomez, RL. (2013, June). *Integrating memories over time: reward mediates the formation of inferences during sleep*. Poster presented at the annual meeting of the Society for Sleep Research, Baltimore, MD.
25. Werchan, D.M., & Gomez, RL. (2013, April). *The role of sleep and reinforcement in memory integration.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
26. Werchan, D.M., & Gomez, RL. (2012, October). *The effects of sleep and reinforcement on transitive inference*. Poster presented at the annual meeting of the Society for Neuroscience*,* New Orleans, LA.

# TEACHING EXPERIENCE

2020 Guest Lecturer,“Attention Development”, Graduate Cognitive Development Seminar

 New York University, Department of Applied Psychology

2019 Guest Lecturer,“fNIRS in Developmental Research”, Psycholinguistics Laboratory

 Brown University, Department of Cognitive, Linguistics, and Psychological Sciences

2018 Guest Lecturer,“fNIRS Applications in Linguistics”, Psycholinguistics Laboratory

 Brown University, Department of Cognitive, Linguistics, and Psychological Sciences

2016 Teaching Assistant, Statistics for the Behavioral Sciences

 Brown University, Department of Cognitive, Linguistics, and Psychological Sciences

2015 Guest Lecturer, “Neurodevelopmental Disorders”, Elementary Psychology

 Brown University, Department of Cognitive, Linguistics, and Psychological Sciences

2015 Teaching Assistant, Elementary Psychology

 Brown University, Department of Cognitive, Linguistics, and Psychological Sciences

2015 Laboratory Instructor, Elementary Psychology

 Brown University, Department of Cognitive, Linguistics, and Psychological Sciences

2014 Teaching Assistant, Introduction to Cognitive Science

 Brown University, Cognitive, Linguistics, and Psychological Sciences Dept.

2011-12 Teaching Assistant, Scientific Computing in Python

 The University of Arizona, Departmentof Computer Science

2011-12 Laboratory Instructor, Scientific Computing in Python

#  The University of Arizona, Departmentof Computer Science

# MENTORSHIP

*New York University*

*2023* Netania Stewart, *Child & Adolescent Mental Health Studies (CAMS) Intern*

2020- Maggie Zhang, *independent research project*

2020- Amy Hume, *independent research project*

*Brown University*

2019-20 Lily Collins, *undergraduate independent study*

2019-20 Delphine Mahos-Moros, *undergraduate honors thesis*

2018-19 Rachel Martino, *undergraduate honors thesis*

# PROFESSIONAL SERVICE

*Ad-hoc Reviewer*

Child Development • Developmental Science • Brain Sciences • Developmental Psychology • Science Advances • Journal of Cognitive Neuroscience • Cognitive Development • Journal of Experimental Psychology – General • Developmental Cognitive Neuroscience • Emotion • Child Neuropsychology • Journal of Vision • Science Translational Medicine

*Service to School and Department*

2015-17 Graduate Student Representative

 Brown University Department of Cognitive, Linguistics, and Psychological Sciences

2012-13 Psychology Colloquium Committee Member

 The University of Arizona Psychology Department

*Science Communication & Outreach*

2021-now Program Development & Evaluation Scientific Committee Member

 The Social Creatures Applied Research Non-Profit

2014-19 Annual Volunteer, Brain Week RI Brain Fair, Brown University

2016 Organizer, Communicating Science to Society

 Brown University Friedman Family Fund Lecture Series

2015 STEM Workshop Leader, The Brain 101

 Girl Scouts of America Senior Leadership Conference

*Professional Memberships*

Society for Research in Child Development • FLUX Society for Developmental Cognitive Neuroscience • International Society for Developmental Psychobiology • International Congress of Infant Studies

**MEDIA COVERAGE**

2023 Healio - *Prenatal COVID-19, maternal stress could affect infants’ attention span*

2023 NIH News Releases - *Combined, high maternal stress and prenatal COVID-19 infection may affect attention span in infants*

2021 The Atlantic - *The Isolation of New Parenthood During the Pandemic*

2016Science Daily - *Infants Use Prefrontal Cortex in Learning*

2014Psychology Today - *Learning and Sleep in Toddlers*

**OTHER TRAINING**

2022 Designing Ambulatory Assessment Studies

 Pittsburgh Summer Stats Workshop

2016 Teaching Certificate 1: Reflective Teaching

 Brown University Sheridan Center for Teaching and Learning

2016 Functional Near-Infrared Spectroscopy (fNIRS) Course

 Harvard University Martinos Institute for Biomedical Engineering

**PROFESSIONAL REFERENCES**

**Dima Amso, Ph.D.**

Professor of Psychology

Columbia University

da2959@columbia.edu

**Clancy Blair, Ph.D.**

Emeritus Professor of Applied Psychology

NYU Steinhardt

clancy.blair@nyu.edu

**Natalie Brito, Ph.D.**

Associate Professor of Applied Psychology

NYU Steinhardt

natalie.brito@nyu.edu

**Moriah Thomason, Ph.D.**

Associate Professor of Child & Adolescent Psychiatry

NYU Langone Health

moriah.thomason@nyulangone.org