# RACHEL RENÉ ROMEO, PhD, CCC-SLP

romeo@umd.edu | +1 (301) 405-2809
https://go.umd.edu/rachelromeo | https://leadlab.umd.edu

## EDUCATION

**Ph.D., Harvard University** and **Massachusetts Institute of Technology**  May 2018
Program in Speech and Hearing Bioscience and Technology, concentration in
   Neuroscience and clinical Speech Language Pathology

**CCC-SLP, MGH Institute of Health Professions**  August 2015
Communication Sciences and Disorders, concentration in Pediatric Language and Literacy
   ASHA Certificate of Clinical Competence: 14092953 (2018-present)
   Maryland License: 09745 (2021-2024)
   Massachusetts License: 77082-SP-SL (2018-2021)

**M.Sc. *with Distinction*, University College London**  October 2012
Language Sciences, with specialisation in Language Development

**B.A. *Summa Cum Laude*, University of Pennsylvania**  May 2011
Psychology *with Honors*, and Linguistics

## ACADEMIC POSITIONS

**University of Maryland, College Park**
Assistant Professor, Department of Human Development and Quantitative  2022-
   Methodology (College of Education)
Assistant Professor by courtesy, Department of Hearing and Speech Sciences  2022-
   (College of Behavioral & Social Sciences)
Faculty Member, Program in Neuroscience and Cognitive Sciences  2022-
   (College of Behavioral & Social Sciences)
Director, UMD Language, Experience, and Development (LEAD) Lab  2022-
Additional Faculty Affiliations: Brain Behavior Institute, Language Science Center,
   Language and Literacy Research Center, Field Committee in Developmental
   Science, Maryland Initiative for Literacy and Equity
Visiting Faculty, Department of Human Development and Quantitative  2020-2021
   Methodology (College of Education)

**Harvard University**  2020-2021
Postdoctoral Fellow, Department of Psychology

**Harvard Medical School & Massachusetts Institute of Technology**  2018-2020
Postdoctoral Fellow, Translational Postdoctoral Training Program in Neurodevelopment

**Boston University**  2019-2020
Adjunct Lecturer, Department of Speech, Language, and Hearing Sciences

## SELECTED RECOGNITIONS

| | |
|---|---|
| University of Maryland Graduate Faculty Mentor of the Year Award | 2025 |
| UMD College of Education Excellence in Pre-Tenure Scholarship | 2025 |
| Flux Society Young Investigator Award | 2024 |
| University of Maryland Research Impact Fellow (Inaugural Cohort) | 2023-2024 |
| University of Maryland Research Excellence Honoree | 2024 |
| UMD Neuroscience and Cognitive Science (NACS) Faculty Mentor of the Year Award | 2023 |
| Early Career Research Contributions Award, American Speech Language Hearing Society | 2023 |
| Early Career Research Contributions Award, Society for Research in Child Development | 2023 |
| Early Career Travel Award, Society for Research in Child Development | 2023 |
| Rising Star Award, Association for Psychological Science | 2022 |
| Research Mentoring-Pair Travel Award, American Speech Language Hearing Association | 2022 |
| Early Career Travel Award, International Mind Brain Education Society | 2022 |
| Most Cited Article in *Psychological Science* in previous 3 years | 2021 |
| Fellow, British-American Project | 2019 |
| Flux Congress & Jacobs Foundation "Science of Learning" Symposium Award | 2019 |
| Flux Congress Postdoctoral Abstract Merit Award | 2019 |
| Society for the Neurobiology of Language Abstract Merit Award | 2019 |
| Selected for ASHA Lessons for Success Research Mentorship Program | 2019 |
| Finalist for Forbes 30 under 30 in Science and Healthcare | 2018 |
| Cognitive Neuroscience Society Graduate Student Award | 2018 |
| Society for the Neurobiology of Language Graduate Student Travel Award | 2017 |
| Friends of the McGovern Institute Student Fellowship | 2016 |
| UCL MSc Language Sciences Highest Overall Achievement Award | 2012 |
| UCL MSc Language Sciences Best Dissertation Prize | 2012 |
| UCL Psychology & Language Sciences Departmental Scholarship | 2011 |
| The Thouron Award | 2011 |
| Fulbright Award to the UK | 2011 |
| Morris Viteles Award for Excellence in Undergraduate Psychology Research | 2011 |
| Phi Beta Kappa Society | 2011 |
| R. Jean Brownlee Honor Award for Campus Leadership | 2011 |

## RESEARCH FUNDING

*External*

**Jacobs Foundation Research Fellowship Program**                          2026-2028
"Understanding Learning Variability as Neurocognitive Adaptations to Early Environmental
   Differences: Implications for Reducing Educational Disparities"
Role: PI
CHF 165,000 Total Costs

**Institute for Museum and Library Services**                          2024-2027*
**LG-256658-OLS-24**: The Hatchlings project: Community-library partnerships to reduce
   childhood literacy inequities
Role: PI (Co-PIs: J. Ortiz, E. Bonsignore)
$249,999 Total costs
*Special Recognition: This proposal received a perfect score, 25/25*
*Terminated administratively, April 2025; Reinstated by court injunction, May 2025

**National Institute of Child Health and Human Development**                2024-2025
**R00 HD103873-S2**: "Administrative supplement for continuity of biomedical and
　　behavioral research among first-time recipients of NIH research project grant awards"
Role: PI
$97,594 Total Costs

**National Institute of Child Health and Human Development**                2023-2025*
**R00 HD103873-S1**: "Research supplement to support diversity"
Role: PI and Mentor to Postdoctoral Fellow Alexus Ramirez
$232,089 Total Costs
*Terminated administratively, June 2025

**National Institute on Deafness and Other Communication Disorders**        2023-2028*
**R25 DC021130**: "Research Equity and Access in Communication and Hearing
　　(UMD-REACH)"
Role: Co-PI & Mentor (PIs: M. Goupell & R. Newman)
$1,274,461 Total Costs
*Terminated administratively, May 2025; Reinstated by court injunction, August 2025

**National Institute of Child Health and Human Development**                2022-2025
**R00 HD103873**: "Language input as a mechanism underlying socioeconomic
　　disparities in neurocognitive development"
Role: PI
$747,000 Total Costs

**National Institute of Child Health and Human Development**                2021-2022
**K99 HD103873**: "Language input as a mechanism underlying socioeconomic
　　disparities in neurocognitive development"
Role: PI
$255,416 Total Costs

**National Institute of Mental Health**                                     2018-2020
**T32 MH112510**: "Translational Post-doctoral Training in Neurodevelopment"
Role: Postdoctoral Trainee

**National Institute of Child Health and Human Development**                2016-2018
**F31 HD086957**: "Effects of linguistic input on the neural capacity for language development"
Role: PI
$74,060 Total Costs

**National Institute on Deafness and Other Communication Disorders**        2012-2015
**T32 DC000038**: "Speech and hearing bioscience and technology: Training for
　　multidisciplinary clinician-scientists"
Role: Predoctoral Trainee

**The Thouron Award (UK)**                                    2011-2012
"Examining social, cognitive, and neural contributions to childhood language disorders"
Role: Fellow
£36,625 Total Costs

**Fulbright Postgraduate Award (UK)**                          2011-2012
"Assessing eyetracking as tool for early diagnosis of atypical language development"
Role: Fellow
£20,000 Total Costs

*Internal*

**UMD Brain Behavior Institute Seed Grant**                        2025
"Computational Social Neuroscience in the Wild"
Role: Co-PI (Co-PIs: E. Redcay, C. Charpentier, & P. Resnik)
$69,599 Total Costs

**UMD College of Education Research-Practice Partnership Grant**    2024-2026
"JUMP: The Judy Center + University of Maryland Partnership to support school
    readiness for low-income children"
Role: PI
$20,000 Total Costs

**UMD Faculty-Student Research Award**                          2024-2025
"Neurobiological bases of bilingualism on executive functioning: Perspectives from
    diverse languages and demographic backgrounds"
Role: PI (Co-PI graduate student Gavkhar Abdurokhmonova)
$15,000 Total Costs

**UMD Brain Behavior Institute Seed Grant**                        2023
"Toward an adaptive view of neural synchrony: Assessing moment-to-moment dynamics
    during caregiver-child brain-to-brain synchrony in majority-BIPOC low-SES dyads"
Role: PI (Co-PIs: C. Metzler, E. Thompson)
$149,488 Total Costs

**University of Maryland Grand Challenges Grant**                  2023-2026
"The Maryland Institute for Literacy and Equity (MILE)"
Role: Co-PI (PI: D. Bolger)
$3,472,099 Total Costs

**University of Maryland BSOS Dean's Research Initiative**          2023-2024
"Developing a novel animated movie paradigm to facilitate functional magnetic resonance
    imaging in young children"
Role: M-PI (M-PI: T. Riggins)
$20,000 Total Costs

**University of Maryland Grand Challenges Grant**                    2023-2025
 "How does socioeconomic status interact with statistical learning to shape reading
     development?"
Role: Co-PI (PI: M. Wang)
$150,000 Total Costs

**University of Maryland Support Program for Advancing Research**        2022-2025
     **Collaboration (SPARC)**
"How bilingual exposure influences neurocognitive development in SES- diverse preschoolers"
Role: PI
$15,000 Total Costs

**Harvard University Mind Brain Behavior Graduate Student Research Grant**        2016
"Linking home audio recordings to neurocognitive performance"
Role: PI/Graduate researcher
$7,400 Total Costs

**Benjamin Franklin Society Undergraduate Research Grant**              2011
"Phonological development in children with sociodemographic variability"
Role: PI/Undergraduate researcher
$500 Total Costs

**Mary & Matthew Santirocco College Alumni Society Undergraduate Research Grant**  2010
"Phonological development in children with potential hearing impairments"
Role: PI/Undergraduate researcher
$500 Total Costs

*Mentored Grants*
**National Institute of Child Health and Human Development**              2026-2029
**F32 HD121256-01**: "The Impact of Dynamic Fluctuations in Caregiver Stress on Children's
     Language Environments, Language Development, and School Readiness"
Role: Primary Sponsor (co-sponsor B. Kelleher) for PI Jennifer Markfeld
$235,020 Total Costs
*Received 1st percentile on first submission*

**National Institute of Child Health and Human Development**              2025-2028
**F31 HD120062-01**: "Neuro-cognitive trajectories of language and executive functioning
     co-development in early childhood"
Role: Primary Sponsor for PI Gavkhar Abdurokhmonova
$152,803 Total Costs
*Received 3rd percentile on first submission*

**National Institute of Child Health and Human Development**              2024-2026
**F31 HD117679-01**: "Development in the moment: Does caregiver sensitivity
     drive prefrontal cortex synchrony?"
Role: Primary Sponsor (co-sponsor E. Redcay) for PI Ellen Roche

$97,371 Total Costs
*Received 8ᵗʰ percentile on first submission*

*Pending Grants Under Review (Selected)*

**National Institute of Child Health and Human Development**                    2026-2028
**R03HD123308-01**: "Investigating Pedagogical Questions as a Scaffold for Longitudinal
Executive Functioning Development"
Role: MPI (MPI: L. Butler)
$152,792 Total Requested

**National Institute of Child Health and Human Development**                    2026-2028
**R21HD119629**: "Leveraging technology to understand family-specific variability
    in daylong recordings of homes across SES"
Role: Co-Investigator (MPIs: Y.T. Huang, R. Levy)
$446,543 Total Requested

**National Science Foundation - Social, Behavioral & Economic Sciences**        2026-2028
**NSF 2524506:** "Collaborative Research: Leveraging technology to understand family-specific
    variability in daylong recordings of homes across SES background"
Role: Co-Investigator (MPIs: Y.T. Huang, R. Levy)
$722,141 Total Requested

**National Institute of Child Health and Human Development**                    2026-2031
**R01HD118037-01A1:** "How noise in the home environment impacts children's development"
Role: Co-PI (PI: R. Newman)
$3,640,197 Total Requested

**National Institute of Child Health and Human Development**                    2026-2028
**K99HD119306-01**: "Investigating the longitudinal relationships between children's
    code-switching exposure, language abilities, and executive functioning"
Role: Primary Sponsor for PI Alexus Ramirez (co-sponsor C. Lew-Williams)
$246,512 Total Requested

## JOURNAL ARTICLES

*Student/trainee,  †Special recognition,  ‡Co-first/senior authorship,  <u>Underline</u> = Senior author

*Published or In Press*

40.    *‡Simmons, A.S, *‡Abdurokhmonova, G., Taylor-Robinette, E.K., & **Romeo, R.R.** (*in
       press*). Developing best practices for inclusion in fNIRS research: Equity for participants
       with Afro-textured hair. *Developmental Psychobiology.* Pre-print:
       https://doi.org/10.31234/osf.io/scbrq_v3

39.    Ozernov-Palchik, O., O'Brien, A.M., Lee, E.J., Richardson, H., **Romeo, R.R.**, Lipkin, B.,
       Small, H., Capella, J., Nieto-Castañón, A., Saxe, R., Gabrieli, J.D.E., & Fedorenko, E. (*in
       press*). Precision fMRI reveals that the language network exhibits adult-like

left-hemispheric lateralization by 4 years of age. *Nature Neuroscience.* Pre-print: https://doi.org/10.1101/2024.05.15.594172

38. *Shariq, D., **Romeo, R. R.**, Gard A. M. (2026). Cognitive resilience and vulnerability to socioeconomic disadvantage: Predictors across individual, family, school, and neighborhood contexts. *Developmental Scienc*e, *29*, e70105. https://doi.org/10.1111/desc.70105

37. Kral A., Fleming-Shemer, L., O'Donoghue, G.M., & **Romeo, R.R.** (2025). Sensorimotor contingencies in congenital hearing loss: The critical first nine months. *Hearing Research, 467*, 109401. https://doi.org/10.1016/j.heares.2025.109401

36. Decker, A., ‡**Romeo, R.R.**, ‡Leonard, J., Itiat, J., Hubbard, N., Bauer, C., Imhof, A., Giebler, M., Grotzinger, H., Camacho Torres, Y., & Gabrieli, J.D.E. (2025). Exploration is associated with socioeconomic disparities in learning and academic achievement in adolescence. *Nature Communications, 16*(6342). https://doi.org/10.1038/s41467-025-61746-6

35. Rosen, M.L., Rakesh, D., & **Romeo, R.R.** (2025). The role of socioeconomic status in shaping associations between sensory association cortex and prefrontal structure and implications for executive function. *Developmental Cognitive Neuroscience*, *73*, 101550. https://doi.org/10.1016/j.dcn.2025.101550

34. *Ren, J., Wang, M., Zhang., X, **Romeo, R.**, & Arciuli, J. (2025). Statistical learning as a buffer: Investigating its impact on the link between socioeconomic status, home literacy environment, and reading achievement. *Journal of Experimental Child Psychology, 253,* 106201. https://doi.org/10.1016/j.jecp.2025.106201

33. *Roche, E.C., Redcay, E., & **Romeo, R.R.** (2025). Caregiver-child neural synchrony: Magic, mirage, or mechanism? *Developmental Cognitive Neuroscience*, *71*, 101482 https://doi.org/10.1016/j.dcn.2024.101482

32. Cychosz, M., **Romeo, R.R.**, Edwards, J., & Newman, R.S. (2025). Bursty, irregular speech input to children predicts vocabulary size. *Developmental Science*, *28*, e13590. http://dx.doi.org/10.1111/desc.13590

31. *McDorman, S.A., Gilmer, M., *Taylor, E.K., *Terry, V., Gabrieli, J.D.E., & **Romeo, R.R.** (2025). Parent-child relationships support executive functioning and socioemotional development in contexts of low SES and family chaos. *Journal of Experimental Child Psychology*, *250*, 106123. https://doi.org/10.1016/j.jecp.2024.106123

30. *McDorman, S.A., *Taylor, E.K., & **Romeo, R.R.** (2024). A review of models of risk and resilience in child development. *Advances in Child Development and Behavior*, *67*. https://doi.org/10.1016/bs.acdb.2024.06.005

29. Treves, I.N., Marusak, H., Decker, A., Kucyi, A., Hubbard, N., Bauer, C., Leonard, J., Grotzinger, H., Giebler, M.A., Camacho Torres, Y., Imhof, A., **Romeo, R.**, Calhoun, V., Gabrieli, J. (2024). Dynamic functional connectivity correlates of trait mindfulness in early adolescence. *Biological Psychiatry: Global Open Science, 4*(6), 100367. https://doi.org/10.1016/j.bpsgos.2024.100367

28. Casillas, M., Ferjan Ramírez, N., Leong, V., **Romeo, R.** (2024). Becoming a conversationalist: Questions, challenges, and new directions in the study of child

interactional development. *Infant Behavior and Development*, *76*, 101956. https://doi.org/10.1016/j.infbeh.2024.101956

27. Potenza, M.N., Hutton, J.S., Taylor Piotrowski, J., Bagot, K., Blumberg, F., Canli, T., Chein, J., Christakis, D.A., Grafman, J., Griffin, J.A., Hummer, T., Kuss, D., Lerner, M., Marcovitch, S., Paulus, M.P., Perlman, G., **Romeo, R.R.**, Thomason, M.E., Turel, O., Weinstein, A., West, G., & Hurst-Della Pietra, P. (2024) Digital media and developing brains: Concerns and Opportunities. *Current Addiction Reports*, *11*, 287–298. https://doi.org/10.1007/s40429-024-00545-3

26. *Decker, A., Meisler, S.L., Hubbard, N., Bauer, C., Leonard, J., Imhof, A., Giebler, M., Grotzinger, H., Camacho Torres, Y., **Romeo, R.R.,**‡ & Gabrieli, J.D.E. ‡ (2024). Striatal and behavioral responses to reward vary by socioeconomic status in adolescents. *Journal of Neuroscience,* e1633232023. https://doi.org/10.1523/JNEUROSCI.1633-23.2023

25. Cychosz, M., Edwards, J., Munson, B., **Romeo, R.R.**, Kosie, J.E., & Newman, R. (2024). The everyday speech environments of preschoolers with and without cochlear implants. *Journal of Child Language*, 1-22. https://doi.org/10.1017/S0305000924000023

24. **Romeo, R.R.** (2023). Considering intersectionality and interacting levels of early intervention on early brain development – a commentary on Nelson et al. *Journal of Child Psychology and Psychiatry, 65*(4), 456-458. https://doi.org/10.1111/jcpp.13936

23. *Alonso, A., *McDorman, S.A., & **Romeo, R.R.** (2023). Neural connections: How brain-to-brain synchrony during parent-child interactions can inform the study of child development. *Child Development Perspectives*, *18*, 26–35. https://doi.org/10.1111/cdep.12494

22. Marks, R.A., Pollack, C., Meisler, S.L., D'Mello, A.M., Centanni, T.M., **Romeo, R.R.**, Wade, K., Matejko, A.A., Ansari, D., Gabrieli, J.D.E., & Christodoulou, J.A. (2023). Neurocognitive mechanisms of co-occurring math difficulties in dyslexia: Differences in executive function and visuospatial processing. *Developmental Science*, *27*(2), e13443. https://doi.org/10.1111/desc.13443

21. *Carolus, A.E., McLaughlin, K.A., Lengua, L.J., Rowe, M.L., Sheridan, M.A., Zalewski, M., Moran, L., & **Romeo, R.R.** (2023). Conversation disruptions in early childhood predict executive functioning development: A longitudinal study. *Developmental Science, 27*(1), e13414. https://doi.org/10.1111/desc.13414

20. *Taylor, E., *Abdurokhmonova, G., & **Romeo, R.R.** (2023). Socioeconomic Status and Reading Development: Moving from "Deficit" to "Adaptation" in Neurobiological Models of Experience-Dependent Learning. *Mind, Brain, and Education*, *17*, 324-333. https://doi.org/10.1111/mbe.12351

19. **Romeo, R.R.**, Pezanowski, R., Merrill, K., Hargrave, S., & Hansen, A. (2022). Parent and staff perspectives on the benefits and barriers to communication with infants in the neonatal intensive care unit (NICU). *Journal of Child Healthcare, 27*(3), 410-423. https://doi.org/10.1177/13674935221076216

18. **Romeo, R.R.**, Perrachione, T.K., Olson, H.O., Halverson, K.K., Gabrieli, J.D.E., & Christodoulou, J.A. (2022). Socioeconomic dissociations in the neural and cognitive bases

of reading disorders. *Developmental Cognitive Neuroscience, 58*(101175). https://doi.org/10.1016/j.dcn.2022.101175

17. **Romeo, R.R.**, *Uchida, L., & Christodoulou, J.A. (2022). Socioeconomic status and reading outcomes: Neurocognitive and behavioral correlates. *New Directions for Child and Adolescent Development, 2022*(52-70). https://doi.org/10.1002/cad.20475

16. **Romeo, R.R.**, Flournoy, J.C., McLaughlin, K.A., & Lengua, L.J. (2022). Language development as a mechanism linking socioeconomic status to executive functioning development in preschool. *Developmental Science*, e13227. https://doi.org/10.1111/desc.13227

15. Al Dahhan, N.Z., Halverson, K., Peek, C., Wilmot, D., D'Mello, A., **Romeo, R.R.,** Meegoda, O., Imhof, A., Wade, K., Sridha, A., Falke, E., Centanni, T.M., Gabrieli, JDE, Christodoulou, J.A. (2022). Dissociating executive function and ADHD influences on reading ability in children with dyslexia. *Cortex, 153*, 126-142. https://doi.org/10.1016/j.cortex.2022.03.025

14. Pollack, C., Wilmot, D., Centanni T., Halverson K., Frosch I., D'Mello A., **Romeo R.R.**, Imhof A., Capella J., Wade K., Al Dahhan, N. Z., Gabrieli, J.D.E., & Christodoulou, J.A. (2021). Anxiety, motivation, and competence in mathematics and reading in children with and without learning difficulties. *Frontiers in Psychology, 12,* 704821. https://doi.org/10.3389/fpsyg.2021.704821

13. **Romeo, R.R.**[‡], Leonard, J.A.[‡], Scherer, E., Robinson, S.T., Takada, M., Mackey, A.P., West, M.R., & Gabrieli, J.D.E. (2021). Replication and extension of a family-based training program to improve cognitive abilities in young children. *Journal of Research on Educational Effectiveness, 14*(4), 792-811. https://doi.org/10.1080/19345747.2021.1931999

12. **Romeo, R.R.**, Choi, A.B., Gabard-Durnam, L.J., Wilkinson, C.L., Levin, A.R., Rowe, M.L. Tager-Flusberg, H., & Nelson, C.A. (2021). Parental language input predicts neuroscillatory patterns underlying language development in infants at risk of Autism. *Journal of Autism and Developmental Disorders, 52*, 2717-2731. https://doi.org/10.1007/s10803-021-05024-6

11. **Romeo, R.R.**, Leonard, J.A., Grotzinger, H.M., Robinson, S.T., Takada, M., Mackey, A.P., Scherer, E., Rowe, M.L., West, M.R., & Gabrieli, J.D.E. (2021). Neuroplasticity associated with conversational turn-taking following a family-based intervention. *Developmental Cognitive Neuroscience, 49*, 100967. https://doi.org/10.1016/j.dcn.2021.100967

10. Hubbard, N.A., **Romeo, R.R.**, Grotzinger, H., Giebler, M., Imhoff, A., Bauer, C., & Gabrieli, J.D.E. (2020). Reward-sensitive basal ganglia stabilize the maintenance of goal-relevant neural patterns in adolescents. *Journal of Cognitive Neuroscience.* 32(8), 1508-1524. https://doi.org/10.1162/jocn_a_01572

9. Cychosz, M., **Romeo, R.R.**, Soderstrom, M., Scaff, C.H., Ganek, H., Cristia, A., Casillas, M., de Barbaro, K, Bang, J., & Weisleder, A. (2020). Long form recordings of everyday life: Ethics for best practices. *Behavior Research Methods, 52*, 1951–1969. https://doi.org/10.3758/s13428-020-01365-9

8.    Guell, X., D'Mello, A., Hubbard, N., **Romeo, R.R.**, Gabrieli, J.D.E, Whitfield-Gabrieli, S., Schmahmann, J.D., & Anteraper, S.A. (2020). Functional territories of human dentate nucleus. *Cerebral Cortex*, *30*(4), 2401-2417. https://doi.org/10.1093/cercor/bhz247

7.    **Romeo, R.R.** (2019). Socioeconomic and experiential influences on the neurobiology of language development. *Perspectives of the ASHA Special Interest Groups: Special Issue on the Neurobiology of Language Development and Disorders. 4*(6), 1229-1238. https://doi.org/10.1044/2019_PERSP-19-00073

6.    Leonard, J.A., **Romeo, R.R.**, Park, A.T., Takada, M., Robinson, S.T., Grotzinger, H., Finn, A.S., Gabrieli, J.D.E., & Mackey, A.P. (2019). Associations between cortical thickness and reasoning vary by socioeconomic status in early childhood and adolescence. *Developmental Cognitive Neuroscience, 36*(4), 100641. https://doi.org/10.1016/j.dcn.2019.100641

5.    **Romeo, R.R.**, *Segaran, J., Leonard, J.A., Robinson, S., West, M.R., Mackey, A.P., Yendiki, A., Rowe, M.L., Gabrieli, J.D.E. (2018). Language exposure relates to structural neural connectivity in childhood.  *Journal of Neuroscience, 38*(36), 7870-7877. https://doi.org/10.1523/JNEUROSCI.0484-18.2018

   †Selected as cover article/illustration:
   www.jneurosci.org/content/38/36.cover-expansion
   †Chosen as topic of student journal club:
   https://doi.org/10.1523/JNEUROSCI.2895-18.2018

4.    **Romeo, R.R.,** Leonard, J.A., Robinson, S.T., West, M.R., Mackey, A.P., Rowe, M.L., Gabrieli, J.D.E. (2018). Beyond the "30 million word gap:" Children's conversational exposure is associated with language-related brain function. *Psychological Science, 29*(5), 700–710. https://doi.org/10.1177/0956797617742725

   †Most cited article in *Psychological Science* published between 2018-2021.

3.    **Romeo, R.R.**[‡], Christodoulou, J.A[‡], Halverson, K.K., Murtagh, J., Cyr, A.B., Schimmel, C., Chang, P., Hook, P.E., & Gabrieli J.D.E. (2017). Socioeconomic status and reading disability: Neuroanatomy and plasticity in response to intervention. *Cerebral Cortex, 28*(7), 2297-2312. https://doi.org/10.1093/cercor/bhx131

2.    Tuomainen, O., Hazan, V., & **Romeo, R.** (2016). Do talkers produce less dispersed phoneme categories in a clear speaking style? *Journal of the Acoustical Society of America, 140*(4), EL320. https://doi.org/10.1121/1.4964815

1.    **Romeo R.**, Hazan V., & Pettinato M. (2013). Developmental and gender-related trends of intra-talker variability in consonant production. *Journal of the Acoustical Society of America*, *134*(5), 3781 - 3792. https://doi.org/10.1121/1.4824160

*Under Review: Revision Invited*

3.    *Ramirez, A.G., Shin, S., Jones Harden, B., Martoccio, T. L., Berlin, L.J., & **<u>Romeo, R. R.</u>** Investigating education and psychosocial factors as predictors of maternal speech among low-income Latine families. *Journal of Child Language.*

2.    *Abdurokhmonova, G., *Taylor-Robinette, E.K., *McDorman, S.A., *Ramirez, A.G., Merchant, J.S., Gabrieli, J.D.E, & **<u>Romeo, R.R.</u>** Parallel contributions of socioeconomic

status and bilingual experience on executive function and the brain in young children. *Brain and Language*. Pre-print: https://doi.org/10.31234/osf.io/3kn2u_v3

1.  Jones Harden, B**.**, Martoccio, T., Shin, S.Y., Berlin, L., Ramirez, A., **Romeo, R.,** & Ratner, N.B. Improving toddlers' expressive language skills through attachment-based intervention: A randomized controlled trial with low-income Latine families. *Child Development*.

### *Under Review: Initial Submission*

3.  **Romeo, R.R**., Kalluri, N.S., Young, V., Kinlay, S.H., Kerper, R., Hansen, A.R.  Language Environments of Infants in the NICU Improve after a Brief Parent Education Intervention. *Journal of Perinatology*.

2.  *Terry, V.A., Romeo, R.R., & Rosen, M.L. Optimal brain development is context-dependent: How socioeconomic status moderates brain-behavior relationships in cognitive and academic development. *Neuroscience and Biobehavioral Reviews*. Preprint: https://doi.org/10.31234/osf.io/ykpt6_v1

1.  *McDorman, S.A., Alonso, A., Chen, Y., Luken Raz, K., Gard, A., & **Romeo, R.R.** Profiles of school readiness resilience among ECLS-K:2011 kindergarteners exposed to socioeconomic risk. *Educational Researcher*.

## PUBLSISHED CONFERENCE PROCEEDINGS

*Student/trainee,   †Special recognition,   ‡ Co-first authorship,   Underline = Senior author

5.  Cychosz, M., Newman, R., Munson, B., **Romeo, R.**, Kosie, J., Edwards, J. (2023). The everyday speech environments of preschoolers with and without cochlear implants. In: R. Skarnitzl & J. Volín (Eds.) Proceedings of the 20th International Congress of Phonetic Sciences – ICPhS 2023 (pp. 3171-3175). *International Phonetic Association*. https://www.internationalphoneticassociation.org/icphs-proceedings/ICPhS2023/full_papers/276.pdf

4.  *Carolus, A.E., Rowe, M.L., Sheridan, M.A., Lengua, L.J., McLaughlin, K.A. & **Romeo, R.R.** (2023). Conversation disruptions in early childhood longitudinally predict receptive language development. *Proceedings of the 47th Boston University Conference on Language Development,* Cascadilla Press. https://www.lingref.com/bucld/47/BUCLD47-07.pdf

3.  *Kulawska, K., Rowe, M.L., McLaughlin, K.A., Lengua, L.J., & **Romeo, R.R.** (2023). Does conversational context influence SES associations with language input and language development? *Proceedings of the 47th Boston University Conference on Language Development,* Cascadilla Press. https://www.lingref.com/bucld/47/BUCLD47-37.pdf

2.  *Kim, G.K., *Abdurokhmonova, G.A., Rowe, M.L., McLaughlin, K.A., Lengua, L.J., & **Romeo, R.R.** (2023). The role of conversational semantic contingency on children's language development across socioeconomic backgrounds. *Proceedings of the 47th Boston*

*University Conference on Language Development,* Cascadilla Press.
https://www.lingref.com/bucld/47/BUCLD47-35.pdf

1.  Hazan, V., **Romeo, R.**, & Pettinato, M. (2013). The impact of variation in phoneme category structure on consonant intelligibility. *Proceedings of Meetings on Acoustics, 19*(1), 060103. https://doi.org/10.1121/1.4800618

## INVITED BOOK CHAPTERS

5.  Alper, M., Alcorn, A.M., Harrison, K., Manganello., J.A., **Romeo, R.R.** (2024). Digital media and neurodevelopmental differences. In D. Christakis & L. Hale (Eds.), *Children and screens: A handbook on digital media and the development, health, and well-being of children and adolescents.* Springer.
https://link.springer.com/content/pdf/10.1007/978-3-031-69362-5.pdf#page=87

4.  **Romeo, R.R.** (2023). The neuroscience of early literacy development. In S. Cabell., S. Neuman, & N. Patton Terry (Eds.) *Handbook on the Science of Early Literacy, 2nd edition.* New York, NY: Guilford Press.
https://www.guilford.com/books/Handbook-on-the-Science-of-Early-Literacy/Cabell-Neuman-Terry/9781462555024

3.  Rowe, M.L., **Romeo, R.R.**, & Leech, K.A.  (2023). Early environmental influences on language. In S. Cabell., S. Neuman, & N. Patton Terry (Eds.) *Handbook on the Science of Early Literacy, 2nd edition.* New York, NY: Guilford Press.
https://www.guilford.com/books/Handbook-on-the-Science-of-Early-Literacy/Cabell-Neuman-Terry/9781462555024

2.  **Romeo, R.R.**, & Christodoulou, J.A. (2022). How neuroscience can help overcome adversity in education. In A. Holliman & K. Sheehy (Eds.), *Overcoming Adversity in Education.* Abington, UK: Taylor & Francis.
https://www.routledge.com/Overcoming-Adversity-in-Education/Holliman-Sheehy/p/book/9781032017785

1.  **Romeo, R.R.**, Imhof, A., Bhatia, P., Christodoulou, J.A. (2019). Relationships between socioeconomic status and reading development: Cognitive outcomes and neural mechanisms. In S.J. Lipina & M.S. Segretin (Eds.), *Neuroscientific Perspectives on Poverty* (pp. 153-182). Erice, Italy: CLASCO. http://www.mbe-erice.org/publications.php

## ORAL CONFERENCE PRESENTATIONS

*Student/trainee,   [†]Special recognition,    [‡] Co-first authorship,    Underline = Senior author

**Romeo, R.R**., Kalluri, N.S., Young, V., Kinlay, S.H., Kerper, R., Hansen, A.R. (2026). Language Environments of Infants in the NICU Improve after a Brief Parent Education Intervention. *Pediatric Academic Society*, Boston, MA.

*Ramirez, A. G., *McDorman, S. A., *Abdurokhmonova, G., & **Romeo, R. R.** (2025). Disentangling the relation between conversational turns and children's talkativeness. In A. G. Ramirez (Chair), Methodological insights for analyzing children's diverse language

environments with daylong audio recordings. *Society for Research in Child Development (SRCD),* Minneapolis, MN.

**Romeo, R.R.** (2024). Deficit, Difference, or Diversity? My journey investigating children's language, experience, and development. Young Investigator Award talk at *Flux Congress (Developmental Cognitive Neuroscience Society)*, Baltimore, MD.

\*Abdurokhmonova, G., \*Taylor, E.K., \*McDorman, S.A., \*Ramirez, A.R., Merchant, J.S., & **Romeo, R.R.** (2024). Investigating whether bilingualism protects against low SES in the neural basis of executive functioning. In \*G. Abdurokhmonova (symposium organizer), "Bilingual brains and education-related cognitive processes: Examinations across the lifespan." *International Mind, Brain, and Education Society*, Leuven, Belgium.

**Romeo, R.R.** & McCandliss, B.D. (2023) Symposium on "Developmental Cognitive Neuroscience in Real-World Educational Contexts: Opportunities and Challenges for crossing the 'Bridge Too Far.'" Moderated Symposium accepted to *Flux Congress (Developmental Cognitive Neuroscience Society)*, Santa Rosa, CA.

Cychosz, M., Edwards, J., Munson, B., **Romeo, R.**, Kosie, J., Newman, R., (2023). The everyday speech environments of preschoolers with and without cochlear implants. *International Congress of Phonetic Sciences*, Prague, Czech Republic.

**Romeo, R.R.**, \*Kulawska, K., \*Carolus, A., Flournoy, J.C., McLaughlin, K.A., & Lengua, L.J. (2023). Different dimensions of language experience explain SES differences in language and executive function development. In J.E. Markfeld & **R.R. Romeo (symposium organizers)**, "Multidimensional predictors of language development: intersections between SES, stress, input, and executive functioning." *Society for Research in Child Development,* Salt Lake City, UT.

\*McDorman, S.A., Gilmer, M., \*Taylor, E.K., \*Alexander, V., Leonard, J.A., Gabrieli, J.D.E., & **Romeo, R.R.** (2023). Parent-child relationships support executive functioning in contexts of low SES and family chaos. In \*S. McDorman (symposium organizer), "Socioeconomically-diverse families contain multitudes: Strength-based approaches to cognitive development." *Society for Research in Child Development,* Salt Lake City, UT.

\*Shariq, D., **Romeo, R.R.**, Kim, H.C., Fuchs, J.E., Gard., A.M. (2023) Profiles of domain-specific cognitive development in socioeconomically disadvantaged youth. In S. McDorman (symposium organizer), "Socioeconomically-diverse families contain multitudes: Strength-based approaches to cognitive development." *Society for Research in Child Development,* Salt Lake City, UT.

\*Carolus, A.E., Rowe, M.L., Sheridan, M.A., Lengua, L.J., McLaughlin, K.A. & **Romeo, R.R.** (2022). Conversation disruptions in early childhood longitudinally predict receptive language development. *Boston University Conference on Language Development*, Boston, MA.
[†]Received a Diversity Travel Award and Highly Rated Abstract Award.

**Romeo, R.R.** (2022). "Optimal" brain development is context dependent: How SES moderates brain-behavior relationships for learning. Part of the Invited Symposium: "Neuro/Cognitive Research to Inform Neurodiverse Education." *International Mind, Brain, and Education Society*, Montreal, Canada.
[†]Received an Early Career Travel Award.

Pollack, C., Wilmot, D., Centanni, T. M., Halverson, K., Frosch, I., D'Mello, A. M., **Romeo, R.**, Imhof, A., Capella, J., Wade, K., Al Dahhan, N. Z., Gabrieli, J. D. E., & Christodoulou, J. A.  (2021). Anxiety, motivation, and ability in math and reading in children with and without learning difficulties. *European Association for Research on Learning and Instruction*, Gothenburg, Sweden.

**Romeo, R.R.**, Olson, H., Christodoulou, J.A, Gabrieli, J.D.E. (2021). Socioeconomic dissociations in the cognitive and neural correlates of reading disability. Part of the paper symposium: Relations among socioeconomic status, functional brain activity, and neurocognitive outcomes: Unified framework approaches. *Society for Research in Child Development,* Virtual.

Imhof, A., Anderson, H., **Romeo R.R.**, Rowe, M.L., Gabrieli, J.D.E., & Fausey, C. (2021). Talkative learning opportunities are nested within everyday activities. *Society for Research in Child Development,* Virtual.

**Romeo, R.R.**, Choi, A.B., Gabard-Durnam, L.J., Wilkinson, C.L., Levin, A.R., Rowe, M. L., Tager-Flusberg, H., Nelson, C.A. (2020). Parent input and the neural mechanisms of language development in infants at risk of Autism. *Many Paths to Language Conference,* Virtual.

**Romeo, R.R.,** Leonard, J.A., *Grotzinger, H., Robinson, S.T., Takada, M., *Segaran, J., Mackey, A.P., Rowe, M. L., Gabrieli, J.D.E. (2019). Cortical plasticity associated with a parent-implemented language intervention. *Flux Congress*, New York, NY. [†]Received both the Jacobs Foundation Science of Learning Symposium award and the Postdoctoral Abstract Merit award.

**Romeo, R.R.,** Leonard, J.A., *Grotzinger, H., *Segaran, J., Mackey, A.P., Rowe, M. L., Gabrieli, J.D.E. (2019). Cortical plasticity associated with a parent-implemented language intervention. *Society for the Neurobiology of Language*, Helsinki, Finland. [†]Selected for a Society Merit Award.

**Romeo, R.R.**, Christodoulou, J.A., Olson, H., & Gabrieli, J.D.E. (2019). Socioeconomic dissociations in the neurocognitive profiles of dyslexia. *New England Research on Dyslexia Society,* Boston, MA.

Leonard, J.A., **Romeo, R.R.**, Park, A.T., Takada, M.E., Robinson, S.T., Grotzinger., H., Last, B.S., Finn, A.S., Gabrieli, J.D.E., Mackey, A.P., (2019). The neural correlates of reasoning differ by socioeconomic status in development. Part of the paper symposium: "Socioeconomic status, brain, and cognitive development: Environmental mechanisms and individual differences." *Society for Research in Child Development,* Baltimore, MD.

**Romeo, R.R.**, Leonard, J.A., Robinson, S.T., Rowe, M.L., Mackey, A.P., Gabrieli, J.D.E. (2018). Neural plasticity associated with a parent-implemented language intervention. In **R.R. Romeo (symposium organizer)**, "Varying approaches to early language interventions for lower-SES families." *Boston University Conference on Child Language Development*, Boston, MA.

**Romeo, R.R.** (2018). Socioeconomic influences on language and literacy development. *American Speech-Language Hearing Association*, Boston, MA.

D'Mello A., **Romeo, R.R.**, Leonard, J.A., Mackey, A.P., Gabrieli, J.D.E. (2018). Cerebellar contributions to children's language processing. In nanosymposium: Human cognition and behavior: Neurocognitive development. *Society for Neuroscience*, San Diego, CA.

**Romeo, R.R.,** Leonard, J.A., Robinson, S.T., Rowe, M.L., Mackey, A.P., Gabrieli, J.D.E. (2017). Structural and functional neural mechanisms underlying the relationship between children's language exposure and their linguistic abilities. *Many Paths to Language Workshop.* Max Planck Institute, Nijmegen, The Netherlands.

Christodoulou, J.A., **Romeo, R.R.**, Cyr, A., Halverson, K., Murtagh, J., Chang, P., Hook, P., Gabrieli, J.D.E. (2017). Neurocognitive correlates of treatment response in children with dyslexia across SES. *Society for the Scientific Study of Reading*, Nova Scotia, Canada.

**Romeo, R.R.,** Leonard, J.A., Robinson, S.T., Rowe, M.L., Mackey, A.P., Gabrieli, J.D.E. (2017). Children's language exposure predicts neural structure and function during language processing, independent of SES. Part of the paper symposium: "Advances in neuroimaging research paradigms and techniques in the study of development." *Society for Research in Child Development,* Austin, TX.

Leonard, J.A., **Romeo, R.R.**, Robinson, S.T., Mackey, A.P., Gabrieli, J.D.E. (2017). Predicting and intervening on cognitive outcomes in young children. Part of the paper symposium: Interaction of executive function and knowledge in the preschool years. *Society for Research in Child Development,* Austin, TX.

**Romeo, R.R.,** Christodoulou, J.A., Cyr, A. B., Halverson, K. K., Murtagh, J., Chang, P., Hook, P.E., & Gabrieli J.D.E. (2015). Children's socioeconomic status influences their response to reading intervention. *American Speech-Language Hearing Association,* Denver, CO.

**Romeo, R.R.,** Christodoulou, J.A., Cyr, A. B., Halverson, K. K., Murtagh, J., Chang, P, Mackey, A.P., Hook, P.E., Gabrieli J.D.E. (2015). Impact of SES on brain and behavior in children with dyslexia receiving intervention. *Society for the Scientific Study of Reading,* Kona, HI.

**Romeo, R.R.**, & Swingley, D. (2015). Word recognition, phonological specificity, and SES: a longitudinal word-recognition study of toddlers. Part of the paper symposium: SES and infant language development: Four longitudinal studies. *Society for Research in Child Development,* Philadelphia, PA.

Hazan, V., **Romeo, R.**, Pettinato, M. (2013). The impact of variation in phoneme category structure on consonant intelligibility. Part of the invited session: "Variability in speech intelligibility: Behavioral and neural perspectives." *International Congress on Acoustics* and *The Acoustical Society of America*, Montreal, Canada.

## POSTER CONFERENCE PRESENTATIONS

*Student/trainee,   †Special recognition,   ‡ Co-first authorship,   Underline = Senior author

*Abdurokhmonova G., Mortimer, A., Pecukonis, M., & **Romeo, R.R.** (2025). Investigating bilingual advantage in selective attention activation from early childhood to adolescence: A museum-based fNIRS study. *Social Dynamics Workshop*, Utrecht, Netherlands.

*Abdurokhmonova G., Mortimer, A., Pecukonis, M., & **Romeo, R.R.** (2025). Investigating bilingual advantage in selective attention activation from early childhood to adolescence:

A museum-based fNIRS study. *Boston University Conference on Language Development (BUCLD)*, Boston, MA.

Ramirez, A.G., Shin, S., Jones Harden, B., Martoccio, T.L., Berlin, L.J., & **Romeo, R.R.** (2025). Investigating education and psychosocial factors as predictors of maternal speech among low-income Latinx families. *Boston University Conference on Language Development (BUCLD)*, Boston, MA.

*Abdurokhmonova G., & **Romeo, R.R.** (2025). Does structural neural connectivity mediate the relationship between early bilingual exposure and language/executive function outcomes in young children? A DTI study. *Society for the Neurobiology of Language,* Washington, DC.

*Abdurokhmonova G., Nam, S., Roche, E. C., Peckukonis, M., & **Romeo, R.R.** (2025). Investigating Bilingual Advantage in Selective Attention Activation From Early Childhood to Adolescence: A Museum-Based fNIRS Study. *Fetal, Infant & Toddler Neuroimaging Group (FIT'NG)*, Dublin, IE.

*Abdurokhmonova G., Nam, S., Roche, E. C., Peckukonis, M., & **Romeo, R.R.** (2025). Investigating Bilingual Advantage in Selective Attention Activation From Early Childhood to Adolescence: A Museum-Based fNIRS Study. *Flux Congress (Developmental Cognitive Neuroscience Society)*, Dublin, IE.

*Abdurokhmonova G., Mortimer, A., Pecukonis, M., & **Romeo, R.R.** (2025). Do children's bilingual experiences modulate language network activation during selective attention? A museum-based fNIRS study. *Society for fNIRS*, St. Louis, MO.

*Roche, E.C., Rocha-Hidalgo, *Taylor-Robinette, E.K., *Abdurokhmnova, G., Redcay, E., **Romeo, R.R.** (2025). *Inclusion of Black Families in fNIRS Hyperscanning Study*. Poster presented at Mind & Life Summer Research Institute, Garrison, NY.

*Ramirez, A.G., **Abdurokhmonova, G., *Taylor-Robinette, E.K., *McDorman, S.A., **Roche, E.C., & **Romeo, R.R.** (2025). Parent attitudes toward bilingualism may differ according to contextual factors. *The Harmonious Bilingualism Network (HaBilNet)*, San Sebastián, Spain.

*Abdurokhmonova G. & **Romeo, R.R.** (2025). Do children's bilingual experiences modulate language network activation during selective attention? A museum-based fNIRS study. *Society for Research in Child Development (SRCD)*, Minneapolis, MN.

*Taylor-Robinette, E.K., *Egerton, M.M., *Abdurokhmonova, G., *McDorman, S.A., & **Romeo, R.R.** (2025). Considering context in early childhood sleep, stress, self-regulation, and structural brain development. *Society for Research in Child Development (SRCD)*, Minneapolis, MN.

*Zapletina, O., Butler, L.P., **Romeo, R.R.** (2025) Parents' questions to children vary by SES and child age. *Society for Research in Child Development (SRCD)*, Minneapolis, MN.

*McDorman, S.A., Imhof, A., *Ramirez, A.G., *Taylor-Robinette, E.K., *Abdurokhmonova, G., *Roche, E.C., *Arce-Reed, T., *Kaur, N. & **Romeo, R.R.** (2025). Examining the validity of caregiver-child conversational turns across lab-based and naturalistic settings. *Society for Research in Child Development (SRCD)*, Minneapolis, MN.

Shin, S.Y., *Ramirez, A.G., Martoccio, T.M., **Romeo, R.R.**, Berlin, L., & Jones Harden, B. (2025). Maternal acculturation and language input jointly predict child language use in Spanish-speaking immigrant families. *Society for Research in Child Development (SRCD)*, Minneapolis, MN.

*Roche, E., Redcay, E., **Romeo, R.R.** (2025). Real-time social and affective predictors of caregiver-child prefrontal cortex synchrony. *Social And Affective Neuroscience Society (SANS)*, Chicago, IL.

Taylor-Robinette, E., Sanders, C., Diamant-Cohen, B., **Romeo, R.R.** (2025). The Hatchlings project: Community-library Partnerships to reduce inequities in childhood literacy. *International Society of Developmental Psychobiology (ISDP)*, Chicago, IL.

Decker, A. Leonard, J., **Romeo, R.**, & Gabrieli, J. (2024). Exploration is associated with socioeconomic disparities in learning and academic achievement in adolescents. *Flux Congress (Developmental Cognitive Neuroscience Society)*, Baltimore, MD.

*Abdurokhmonova, G., *Ramirez, A., *Rosales-Lima, F., *Ostria, N., *Egerton, M., & **Romeo, R.R.** (2024). Is the Language Network left-Lateralized? Associations between Hemispheric Lateralization and Quantified Amount of Bilingual Exposure in Young Children. *Flux Congress (Developmental Cognitive Neuroscience Society)*, Baltimore, MD.

*Roche, E., *Simmons, A., *Taylor-Robinette, E., *Abdurokhmonova, A., *Haralanova, A., Thompson, E., *Terry, V., *Sall, F., & **Romeo, R.R.** (2024). Maybe it's scientists who are "hard to reach": Lessons learned from a year of collecting racially and socioeconomically inclusive two-brain fNIRS data in local childcare centers and schools. *Flux Congress (Developmental Cognitive Neuroscience Society)*, Baltimore, MD.

*Abdurokhmonova, G., Taylor-Robinette, E.K., & **Romeo, R.R.** (2024). Exploring how burstiness of caregiver language input is associated with language-related brain activation in young children. *Fetal, Infant & Toddler Neuroimaging Group (FIT'NG)*, Baltimore, MD.

*Roche, E.C., *Abdurokhmonova, G., *Taylor, E.K., *Simmons, A., *Haralanova, A., *Terry, V.A. **Romeo, R.R.** (2024). Brain science in a suitcase: Practical takeaways from six school partnerships in one year. *International Mind, Brain, and Education Society*, Leuven, Belgium.

*McDorman, S.A., Chen, Y., Alonso, A., Luken Raz, K., & **Romeo, R.R.** (2024). Living with socioeconomic risk: Contextual differences among the academic resilience profiles of U.S. first graders. *International Society for the Study of Behavioural Development*, Lisbon, Portugal.

*McDorman, S.A., Imhof, A., *Ramirez, A.G., *Taylor, E.K., *Abdurokhmonova, G., *Roche, E.C., & **Romeo, R.R.** (2024). Contextual moderators of caregiver-child conversational turns across lab-based and naturalistic settings. *International Society for the Study of Behavioural Development*, Lisbon, Portugal.

*Ramirez, A.G., Shin, S., Jones Harden, B., Martoccio, T. L., Berlin, L.J., & **Romeo, R. R.** (2024). Exploring how proximal factors may relate to differences in maternal speech with bilingual families. *Cognitive Development Society*, Pasadena, CA.

Cychosz, M., Edwards, J., Munson, B., **Romeo, R.**, Kosie, J., Newman, R., (2023). Using naturalistic language samples to understand the link between language input and speech-language development in preschoolers with cochlear implants. *Boston University Conference on Language Development*, Boston, MA.

*Taylor, E.K. & **Romeo, R.R.** (2023). Initiating Community-Engaged Research Projects with Child-Focused Partners: Reflections for Developmental Cognitive Neuroscientists. *Fetal, Infant, and Toddler Neuroimaging Group (FIT'NG) Conference*, Santa Rosa, CA.

*Simmons, A., *Taylor, E.K., *Abdurokhmonova, G., & **Romeo, R.R.** (2023). Developing Best Practices for Inclusion in Pediatric fNIRS Research: Equity for Participants with Afro-Textured Hair. *Flux: Developmental Cognitive Neuroscience Society*, Santa Rosa, CA.

[†]Received Best Poster Award

*Taylor, E.K., *McDorman, S.A., *Abdurokhmonova, G., & **Romeo, R.R.** (2023). Effects of Sleep & Stress on Early Childhood Structural Brain Development & Self-Regulation. *Flux: Developmental Cognitive Neuroscience Society*, Santa Rosa, CA.

*Abdurokhmonova, G., *Taylor, E.K., *McDorman, S.A., Merchant, J.S., & **Romeo, R.R.** (2023). Does bilingual exposure protect against the effects of SES on selective auditory attention? An fMRI study in 4-6-year-old children. *Flux: Developmental Cognitive Neuroscience Society*, Santa Rosa, CA.

Rosen, M.L., Rakesh, D., & **Romeo, R.R.** (2023). The role of socioeconomic status in shaping associations between sensory association cortex and prefrontal structure and implications for executive function. *Flux: Developmental Cognitive Neuroscience Society*, Santa Rosa, CA.

**Romeo, R.R.**, Rowe, M.L., Gabrieli, J.D.E. (2023). Relationships between family/household environments and turn-taking intervention effectiveness. BWG Research Network's pre-conference symposium on Research Focused on Promoting Equity in Children's Language Experience. *Society for Research in Child Development,* Salt Lake City, UT.

*Taylor, E. & **Romeo, R.R.** (2023). Advocating for an increasingly representative and community-engaged model of developmental science: A structured review. *Society for Research in Child Development,* Salt Lake City, UT.

*McDorman, A., Gilmer, M., *Taylor, E.K., *Alexander, V., Leonard, J.A., Gabrieli, J.D.E., & **Romeo, R.R.** (2023). With infinite affection: Caregiving as protective of children's social-emotional skills against household chaos or low SES. *Society for Research in Child Development,* Salt Lake City, UT.

*Shariq, D., **Romeo, R.R.**, Kim, H.C., Fuchs, J.E., Gard., A.M. (2022). Profiles of domain-specific cognitive development in socioeconomically disadvantaged youth. *International Society for Developmental Psychobiology*, San Diego, CA.

*Kulawska, K., Rowe, M.L., McLaughlin, K.A., Lengua, L.J., & **Romeo, R.R.** (2022). Does conversational context influence SES associations with language input and language development? *Boston University Conference on Language Development*, Boston, MA.

*Kim, G.K., Rowe, M.L., McLaughlin, K.A., Lengua, L.J., & **Romeo, R.R.** (2022). The role of conversational semantic contingency on children's language development across socioeconomic backgrounds. *Boston University Conference on Language Development*, Boston, MA.

*Carolus, A.E., Sheridan, M.A., Lengua, L.J., McLaughlin, K.A., **Romeo, R.R.** (2022). Do conversation disruptions in early childhood predict executive functioning and externalizing psychopathology? *Flux Congress*, Paris, France.

*Rosenberg, A., Lengua, L.J., Sheridan, M.A., McLaughlin, K.A., **Romeo, R.R.** (2022). Influence of mothers' behavioral and emotion regulation strategies on children's risk for psychopathology by early adolescence. *Society for Affective Science*, Virtual.

**Romeo, R.R.**,[‡] Rosen, M.L.,[‡] & McLaughlin, K.A. (2021). The moderating role of parental scaffolding in relationships between low socioeconomic status and development of executive function: A preregistered longitudinal study. *Flux Congress*, Virtual.

**Romeo, R.R.**, Olson, H., Christodoulou, J.A, & Gabrieli, J.D.E. (2021). Socioeconomic dissociations in the cognitive and neural correlates of reading disability. *Cognitive Neuroscience Society,* Virtual.

**Romeo, R.R.**, Choi, A.B., Gabard-Durnam, L.J., Wilkinson, C.L., Levin, A.R., Rowe, M. L., Tager-Flusberg, H., & Nelson, C.A. (2020). Parent input and the neural mechanisms of language development in infants at risk of Autism. *Flux Congress*, Virtual.

*Grotzinger, H., **Romeo, R.R.**, *Giebler, M., Imhof, A., D'Mello, A., & Gabrieli, J.D.E. (2019). Cerebellar language lateralization in bilingual and monolingual children and adolescents. *Flux Congress*, New York, NY.

*Valencia, V, **Romeo, R.R.**, Leonard, J.A., Rowe, M. L., Gabrieli, J.D.E. (2019). Hablamos ambos (We speak both): Relationship between primary language use and lexical diversity in bilingual families. *Society for Research in Child Development*, Baltimore, MD.

**Romeo, R.R.**, Leonard, J.A., *Segaran, J., Mackey, A.P., Rowe, M. L., Gabrieli, J.D.E. (2019). Structural and functional neural correlates of language experience in children from diverse socioeconomic backgrounds. Invited poster presentation in "Taking on the challenge: Re-evaluating the word gap and examining promising interventions for promoting young children's language." *Society for Research in Child Development*, Baltimore, MD.

Wilmot, D., D'Mello, A. M., **Romeo, R.R.**, Peek, C., Meegoda, O., Centanni, T., Halverson, K., Gabrieli, J.D.E., Christodoulou, J.A. (2018). Neural correlates of phonological processing in dyslexia and comorbid dyslexia-ADHD. *Society for Neuroscience*, San Diego, CA.

Meegoda, O., DeNovi, N., Pennebaker, M., Halverson, K., **Romeo, R.R.**, Imhof, A., Wilmot, D., Centanni, T., Gabrieli, J.D.E., Christodoulou, J.A. (2018). Reading miscue analysis in children with dyslexia, comorbid dyslexia/ADHD, & typical reading skills. *American Speech-Language Hearing Association*, Boston, MA.

Imhof, A., D'Mello, A., Halverson, K., Wilmot, D., **Romeo, R.R.**, Frosch, I., Sridhar, A., Gabrieli, J.D.E., Christodoulou, J.A. (2018). Examining rates of comorbidity in Dyslexia, Dyscalculia & ADHD. *American Speech-Language Hearing Association*, Boston, MA.

Mesite, L., Bhatia, P., **Romeo, R.R.**, Gabrieli, J.D.E., Christodoulou, J.A. (2018). Exploring relationships between socioeconomic status & reading skills in children with & without reading difficulties. *American Speech-Language Hearing Association*, Boston, MA.

**Romeo, R.R.**, Segaran, J., Leonard, J.A., Robinson, S.T., Mackey, A.P., Yendiki, A., Rowe, M. L., Gabrieli, J.D.E. (2018). Neural correlates of the "30-million word gap": Children's language exposure is related to white matter structure. *Cognitive Neuroscience Society*, Boston, MA.
[†]Award for the highest rated submission in the "Developmental" category.

Leonard, J.A., **Romeo, R.R.**, Park, A. T., Takada, M., Robinson, S.T., Gabrieli, J.D.E., & Mackey, A.P. (2018). Associations between cortical thickness and reasoning vary by socioeconomic status in early childhood. *Cognitive Neuroscience Society*, Boston, MA.

**Romeo, R.R.**, Leonard, J.A., Robinson, S.T., Rowe, M. L., Mackey, A.P., Gabrieli, J.D.E. (2017). Language exposure is associated with the cortical thickness of young, low-SES children. *Society for the Neurobiology of Language*, Baltimore, MD.
[†]Also invited for Flash Talk.

Christodoulou, J. C., **Romeo, R.R.** Halverson, K., Cyr, A., Murtagh, J., Chang, P, Mackey, A.P., Hook, P. E., Gabrieli J.D.E. (2017). Individual differences in intervention response: Socioeconomic status and reading disability as predictors. *Association for Psychological Science*, Boston, MA.

Takada, M. E., Leonard, J.A., **Romeo, R.R.**, Robinson, S.T., Mackey, A.P., Gabrieli, J.D.E. (2017). Cognitive and neural correlates of mathematical reasoning across math proficiency levels. *Society for Research in Child Development,* Austin, TX.

**Romeo, R.R.,** Leonard, J.A., Robinson, S.T., Segaran, J., Rowe, M.L., Mackey, A.P., Gabrieli, J.D.E. (2016). Children's language exposure predicts neural activation during language processing. *Society for Neuroscience*, San Diego, CA.
[†]Selected as a "hot topic" – top 5% of all abstracts deemed newsworthy by peer review.


## INVITED TALKS

| | |
|---|---|
| 4/25/25 | Terrapin Ed (TED) Talks, University of Maryland, College Park, MD. |
| 2/25/25 | Human Development Colloquium, University of Maryland, College Park, MD. |
| 10/30/25 | Neuroscience Seminar Series, St. Mary's College of Maryland, St. Mary's City, MD. |
| 5/8/25 | Center for Neuroscience & Society at the University of Pennsylvania, Philadelphia, PA. |
| 4/2/25 | Psychology Department Colloquium, University of Maryland Baltimore County, Baltimore MD. |
| 3/12/25 | Molecular, Cellular, and Integrative Neurosciences Colloquium, Colorado State University, Fort Collins, CO. |
| 2/19/25 | Applied Developmental Psychology Colloquium, George Mason University, Fairfax, VA. |

| | |
|---|---|
| 12/3/24 | Institute of Child Development Colloquium, University of Minnesota, Minneapolis, MN. |
| 9/28/24 | Flux Society Young Investigator Award Address, Baltimore, MD. |
| 4/17/24 | Center for Childhood Deafness, Language, and Learning, Boys Town National Research Hospital, Omaha, NE. |
| 2/26/24 | Communication Sciences & Disorders Research Roundtable, University of Delaware. |
| 1/24/24 | Center for Healthy Brain Development, University of Virginia. |
| 11/6/23 | Center for Cognitive and Brain Health Colloquium, Northeastern University, Boston, MA. |
| 10/6/23 | Prince George's County Public Schools Professional Development, Prince George's County Maryland. |
| 4/13/23 | Hannover Medical School and Cluster of Excellence Hearing4All, session on Early Social Interaction in Prelingually Deaf Children, Hannover, Germany. |
| 3/22/23 | BWG Research Network's Symposium on Research Focused on Promoting Equity in Children's Early Language Experience, Salt Lake City, UT. |
| 3/11/23 | Human Sentence Processing Conference, invited panel "How Language Processing Research Can Inform Literacy and Education," Pittsburgh, PA. |
| 9/30/22 | Keynote at Speech and Hearing Bioscience and Technology PhD program 30th Anniversary Alumni event, Boston, MA. |
| 9/21/22 | NIH Workshop on "Reframing the word gap: Equity-based approaches to supporting early language development," Virtual. |
| 9/9/22 | Combatting LGBTQIA+ Discrimination in Access and Opportunity, Flux Society, Paris, France. |
| 8/12/22 | Socioeconomic Status Neuroscience Network workshop, Virtual. |
| 7/12/22 | Baby and Child Research Centre Colloquium, Radboud University & Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands. |
| 6/13/22 | The Dyslexia Foundation, Extraordinary Brain Symposium on "Executive Functioning and Reading," Bermuda. |
| 5/26/22 | Maryland Summit on *Literacy and Equity in the 21st Century: Closing the Opportunity Gap*, Virtual. |
| 3/11/22 | National Institutes of Mental Health, Section on Development and Affective Neuroscience, Bethesda, MA. |
| 1/7/22 | The Barksdale Reading Institute, Jackson, MS. |
| 10/15/21 & 2/11/22 | The Dyslexia Foundation conference on "Dyslexia, literacy, & vulnerable student populations: The science, policy, and culturally responsive practice," Virtual. |
| 9/10/21 | Cognitive Neuroscience Colloquium, University of Texas at Austin, Austin, TX. |

| | |
|---|---|
| 9/3/21 | Norton Child Neurology Grand Rounds, University of Louisville School of Medicine, Louisville, KY. |
| 8/26/21 | Infant Brain Imaging Study Language Workgroup, Virtual. |
| 5/11/21 | Translational Neuroscience Center Seminar, Boston Children's Hospital, MA. |
| 4/13/21 | Careers in Neuroscience, Simmons University, Boston, MA. |
| 11/25/20 | Royal Holloway Department of Psychology Colloquium, University of London. |
| 9/2/20 | Digital Salon: Closing the Opportunity Gap from Language to Reading, Massachusetts Institute of Technology. |
| 6/22/20 | The Dyslexia Foundation, Extraordinary Brain Symposium on "Dyslexia in Vulnerable Student Populations: Leading for Change, Guayaquil, Ecuador (Cancelled due to COVID-19). |
| 4/17/20 | Experimental Methods in Language Acquisition Research, Utrecht, Netherlands (Cancelled due to COVID-19). |
| 2/5/20 | University of Connecticut, Psychological Sciences Colloquium, Storrs, CT. |
| 1/30/20 | University of Maryland, Dept of Human Development and Quantitative Methodology Colloquium, College Park, MD. |
| 1/22/20 | Boston University, Dept of Speech Language and Hearing Sciences Colloquium, Boston, MA. |
| 1/13/20 | Carnegie Mellon University, Dept of Psychology Colloquium, Pittsburgh, PA. |
| 1/8/20 | Speech Pathology Grand Rounds, Boston Children's Hospital, Waltham, MA. |
| 11/26/19 | Kennedy Krieger Institute, Johns Hopkins University, Baltimore, MD. |
| 10/7/2019 | University of Oregon, Center for Translational Neuroscience, Eugene, OR. |
| 7/10/2019, & 6/27/2018, 7/19/2017 | Neuroscience of Reading Summer Institute, Cambridge, MA. |
| 6/4/2019 | Science of Reading: Bridging the Classroom Gap. MIT Integrated Learning Initiative, Cambridge, MA. |
| 3/13/2019 | University of Delaware, Joint Colloquiums in Education, Linguistics, and Communication Sciences and Disorders, Newark, DE. |
| 2/28/2019 | University of Chicago Department of Psychology Colloquium, Chicago, IL. |
| 12/5/2018 | University of Delaware Educational Neuroscience Colloquium, Newark, DE. |
| 12/03/2018 | Center for Autism Research Excellence, Boston University, Boston, MA. |
| 11/15/2018 | Department of Pediatrics, Chiefs' Grand Rounds, Boston Children's Hospital, Boston, MA. |
| 11/12/2018 | Stanford University, Graduate School of Education Colloquium, Stanford, CA. |
| 10/25/2018, 3/29/2018 | LENA Foundation (webinar), Denver, CO. |
| 9/27/2018 | The Hanen Centre (webinar), Toronto, ON. |

Page 22 of 29

| 7/25/2018 | Campaign for Grade Level Reading, Philadelphia, PA. |
| 6/26/2018 | AARP Foundation Experience Corps Network (Keynote Address), Orange County, CA. |
| 3/28/2018 | Pediatric Hearing Loss Professionals (ASHA CEU course), Boston MA. |
| 1/10/2018 | Boston Children's Hospital Laboratories of Cognitive Neuroscience Colloquium, Boston MA. |
| 9/29/2017 | Landmark College Reading Symposium, Cambridge MA. |

## TEACHING

*Instructor of Record*

**University of Maryland, College Park**

| | |
|---|---|
| EDHD775: Human Development and Neuroscience (Graduate) | Spring 2022-2025 |
| EDHD200: Paradigms and Perspectives in Human Development (Undergrad.) | Fall 2022-2023 |
| EDHD425: Language Development and Reading Acquisition(Undergrad.) | Fall 2025 |

*I was on teaching leave Fall 2024.

**Boston University**

| | |
|---|---|
| SH524: Language Acquisition and Development (Undergraduate) | Spring 2019, 2020 |

*Teaching Fellow or Section Leader*

**Harvard University Graduate School of Education**

| | |
|---|---|
| H-126: Typical and Atypical Neurodevelopment (Masters) | Fall 2016, 2017 |

**MGH Institute of Health Professions**

| | |
|---|---|
| CD723: Language, Culture and Cognition (Masters) | Summer 2015 |
| CD833: Neuromotor Speech Disorders (Masters) | Summer 2015 |

**Massachusetts Institute of Technology**

| | |
|---|---|
| 6.541/24.968/HST.710: Speech Communication (Doctoral) | Spring 2014 |

## STUDENTS & TRAINEES

*Postdoctorates*

| 2023- | Alexus Ramirez, PhD<br>*NIH Diversity Supplement recipient |
| 2026- | Jennifer Markfeld Magnuson<br>*NIH F32 receeipient |

*Doctoral Students*

| 2024- | Ellie Taylor, Human Development and Quantitative Methodology, University of Maryland College Park<br>*UMD Flagship Fellow |

2023-        Eliza Thompson (co-advised with Shenika Hankerson), Applied Linguistics and Language Education, University of Maryland College Park

2022-        Gavkhar Abdurokhmonova, Human Development and Quantitative Methodology, University of Maryland College Park
*UMD Flagship Fellow
*PD Soros Fellowship for New Americans Finalist
*NIH F31 Recipient

2022-        Ellen Roche, Neuroscience and Cognitive Science, University of Maryland College Park
*UMD Flagship Fellow
*NIH F31 Recipient

2022-2025    Victoria Alexander (co-advised with Kelly Mix), Human Development and Quantitative Methodology, University of Maryland College Park
*McNair Scholar

2022-2025    Alexa McDorman, Human Development and Quantitative Methodology, University of Maryland College Park (advised 2020-2022 by Natasha Cabrera)
*NSF Graduate Research Fellow
*Now postdoctoral associate at NYU


*Doctoral Student Committee Memberships*

2024-2025    Isabel Wilder, First Year Project and Candidacy Committees, Neuroscience and Cognitive Science, University of Maryland College Park

2024-2025    Lucía Zepeda Rivera, First Year Project and Candidacy Committees, Neuroscience and Cognitive Science, University of Maryland College Park

2023-2025    Kate Luken Raz, Candidacy and Dissertation Committees, Human Development, University of Maryland College Park

2023-2025    Gillian Grose, Candidacy and Dissertation Committees, Human Development, University of Maryland College Park

2023-2024    Rachel Ghosh, Candidacy and Dissertation Committees, Human Development, University of Maryland College Park

2023        Tamara Allard, Dissertation Committee, Psychology, University of Maryland College Park

2023        Angelica Alonso, Candidacy Committee, Human Development, University of Maryland College Park

2023        Kathleen Oppenheimer, Qualifying Exam Committee, Hearing and Speech Sciences, University of Maryland College Park

2022-2024    Jinglei Ren, Candidacy and Dissertation Committees, Human Development, University of Maryland College Park

2022-2023    Benjamin Rickles, Dissertation Committee, Neuroscience and Cognitive Science, University of Maryland College Park

| 2022 | Junaid Merchant, Dissertation Committee, Neuroscience and Cognitive Science, University of Maryland College Park |
|---|---|
| 2022 | Yu (Tina) Chen, Candidacy Committee, Human Development, University of Maryland College Park |
| 2022-2024 | Sophie Domanski, Program Planning, Candidacy, & Dissertation Committees, Hearing and Speech Sciences, University of Maryland College Park |
| 2021-2023 | Deena Shariq, First Year Project, Candidacy, & Dissertation Committees, Neuroscience and Cognitive Science, University of Maryland College Park |

*Masters Thesis Students*

| 2022-2023 | Ellie Taylor, Program in Educational Transformation, Georgetown University <br> *Research received "Best Master's Student" award across the entire university |
|---|---|
| 2021-2022 | Grace Kim, Graduate School of Education, Harvard University |
| 2021-2022 | Amanda Rosenberg, Department of Psychology, New York University |

*Postbaccalaureate Scholars*

| 2020-2023 | Amy Carolus, Department of Psychology, Harvard University <br> *Research project received distinction award at Boston University Conference on Language Development |
|---|---|

*Undergraduate Honors/Thesis Students*

| 2024-2025 | Alexandra Haralanova, Neuroscience Program, University of Maryland College Park |
|---|---|
| 2024-2025 | Abria Simmons, Depts. of Psychology and Human Development, University of Maryland College Park <br> *McNair Scholar, UMD-REACH Scholar |
| 2020-2021 | Klaudia DeFrank, Department of Psychology, Bucknell University <br> *Thesis received a departmental distinction award |
| 2019-2020 | Oliver George, Department of Neuroscience, Harvard University <br> *Thesis received a departmental distinction award |
| 2016-2019 | Veronica Valencia, Department of Psychology, Wellesley College <br> *Received McNair Scholarship; poster presented at national conference |
| 2016-2018 | Joshua Segaran, Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology <br> *Second author on publication |

*In addition to these students, I have supervised more than 70 undergraduate research assistants.*

## MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

American Speech Language Hearing Association (ASHA); Association for Psychological Science (APS); Cognitive Development Society (CDS); Cognitive Neuroscience Society (CNS);

Developmental Cognitive Neuroscience Society (Flux); International Mind, Brain, Education Society (IMBES); International Society for Developmental Psychobiology (ISDP); Society for the Neurobiology of Language (SNL); Society for Research in Child Development (SRCD); Society for Neuroscience (SfN); Society for the Scientific Study of Reading (SSSR); International Dyslexia Association (IDA)
*Note: not all are current*


## ACADEMIC SERVICE

**Society Leadership**

2024, 2026     Flux Congress Scientific Program Committee

2021-2023     Vice President, Consortium for Daylong Audio Recordings of Children's Linguistic Environments (DARCLE)

2022-present   Flux Diversity and Belonging Committee (including LGBTQIA+ affinity group, First Gen affinity group, and Allies & Advocates affinity group)


**Journal Editing**

2025-present   Editorial Board Reviewer for *Developmental Cognitive Neuroscience*

2023-2024     Editor for special issue of *Infant Behavior and Development* on "Becoming a conversationalist: Questions, challenges, and new directions in the study of child interactional development"

2022-present   Editorial Board Reviewer for *Developmental Psychology*


**Grant Review**

NSF review panel (Spring 2023, Fall 2025)
NSF ad hoc reviewer (Fall 2022, Fall 2023)
NIH Human Complex Mental Function Study Section (Winter 2025)
UMD Research Practice Partnership Grants (Spring 2025)
UMD Partnership Development Grants (Spring 2025)


**Award Review**

SRCD Early Career Award (Fall 2024)
Flux Young Investigator Award (Spring 2025)


**Conference Abstract Review**

*International Congress of Infant Studies; American Speech Language Hearing Association; Many Paths to Language; Society for Research in Child Development; Cognitive Development Society*


**Ad Hoc Manuscript Review**

70+ Verified Peer Reviews (https://www.webofscience.com/wos/author/record/Y-7598-2019)

*Cerebral Cortex; Child Development; Cortex; Developmental Cognitive Neuroscience; Developmental Neuropsychology; Developmental Psychobiology; Developmental Psychology; Developmental Review; Developmental Science; Human Development; Journal of the Acoustical Society of America; Journal of Child Language; Journal of Child Psychology and Psychiatry; Journal of Experimental Child Psychology; Journal of Neuroscience; Journal of Speech, Language & Hearing Research; Learning and Individual Differences; Mind Brain and Education; Neurobiology of Language; Neuroimage; Neuropsychologia; Neuropsychology Review; Pediatrics; Psychological Science; Science*

**University Service**

*University of Maryland College Park*

| | |
|---|---|
| 2025 | Member, Search committee for HDQM Director of Administrative Services |
| 2024-2025 | Chair, HD PhD program Admissions Committee |
| 2024 | Member, Brain Behavior Institute "Vision Committee" |
| 2023 | Member, College of Education Strategic Planning Committee |
| 2023-present | Member, Maryland Neuroimaging Center Diversity Committee |
| 2023-2024 | Member, HDQM Undergraduate Committee |
| 2022-present | Member, Language Science Center Steering Committee (re-elected twice) |
| 2022-2024; 2025-2027 | Member, College of Education Senate |
| 2022-2024 | Member, NACS Diversity, Equity, and Inclusion Committee |
| 2022-2023 | Member, Ad-hoc committee on improving the graduate student experience |
| 2021-2023 | Member, HDQM dept Committee on Diversity and Inclusion |
| 2021-2022 | Ad-hoc committee on revising graduate admissions to increase equity/diversity |

*Harvard University*

| | |
|---|---|
| 2017 | Student committee member for "Science of Learning" faculty search, Harvard Graduate School of Education |
| 2015-2017 | Graduate admissions committee member, Harvard Division of Medical Sciences |

**Other Professional Service**

| | |
|---|---|
| 2022-present | Steering Committee Member, Howard County Judith P. Hoyer Early Learning Center |

**Selected Community Service, Outreach, and Science Translation**

| | |
|---|---|
| 2024 | Presented at 5 "Career Days" at local Title 1 elementary schools |
| 2022-present | Monthly lab volunteering at Homeless Children's Playtime Project |
| 2021, 2022 | Co-organized "*Literacy and Equity in the 21st Century: Closing the Opportunity Gap*", an annual summit for government and community stakeholders to develop science-based solutions to improve literacy achievement for vulnerable students. |

| 2020-2021 | Prospective Ph.D. & RA Event in Psychology (PPREP); Mentor for underrepresented minority students applying for PhD programs and post-baccalaureate research positions |
| --- | --- |
| 2020-2021 | Project SHORT; Mentor for underrepresented minority students applying for graduate education and postdoctoral fellowships |
| 2017-2020 | Developed and delivered hands-on "Introduction to Brain Science" seminars for elementary-aged students in high-poverty schools in Boston |
| 2014-2017 | Playspace Activity Leader for Horizons for Homeless Children |

**SELECTED PRESS**

WBAL-TV11, 3/1/2024, University of Maryland researchers use hair techniques to make studies more inclusive,
https://www.wbaltv.com/article/university-maryland-inclusive-study-hair-techniques/46992797

Maryland Today, 1/25/2024, Study: Brains of Children From Less Affluent Backgrounds Show Lower Response to Rewards,
https://today.umd.edu/study-brains-of-children-from-less-affluent-backgrounds-show-lower-response-to-rewards

Endeavors Magazine, 11/27/2023, An Opportunity to LEAD,
https://education.umd.edu/news/11-27-23-opportunity-lead

Maryland Today, 11/06/23, Hair, Hair for Equity in Neuroscience Research.
https://today.umd.edu/hair-hair-for-equity-in-neuroscience-research

Maryland Today, 11/17/2022, How Children's Socioeconomic Status Could Steer Their Path to Reading,
https://today.umd.edu/how-childrens-socioeconomic-status-could-steer-their-path-to-reading

The Economist, 12/16/2021, Can Science Help Poor Kids Earn More?
https://youtu.be/J97rj__zCxE

Medium, 9/14/2021,
https://medium.com/open-learning/learning-interventions-for-language-and-literacy-48f824cc9726

ASHA Leader, 11/20, 2019,
https://leader.pubs.asha.org/do/10.1044/an-slp-offers-aac-intervention-at-30000-feet/full/

BBC Future, 10/1/2019,
https://www.bbc.com/future/article/20191001-the-word-gap-that-affects-how-your-babys-brain-grows

Washington Post, 8/30/19,
https://www.washingtonpost.com/lifestyle/2019/08/30/using-symbols-she-quieted-nonverbal-autistic-boy-plane-his-dad-was-awestruck/

BBC World News, 8/13/18, http://www.bbc.co.uk/programmes/w172w4hs8vxxgvn

ABC News,
8/13/18, http://abcnews.go.com/Health/young-children-talking-back-adults-strengthens-language-regions/story?id=57150490

Reuters,
8/13/18, http://www.reuters.com/article/us-health-childhood-language/back-and-forth-conversations-with-young-kids-may-aid-brain-development-idUSKBN1KY28O

The Times,
8/13/18, https://www.thetimes.co.uk/article/let-the-young-answer-back-to-improve-language-skills-jwxjs56df

US News & World Report,
3/13/2018, http://www.usnews.com/news/national-news/articles/2018-03-13/talking-and-listening-to-your-children-could-be-key-to-brain-development

World Economic Forum,
2/28/2018, http://www.weforum.org/agenda/2018/02/how-you-talk-to-your-child-changes-their-brain/

Scientific American,
2/22/2018, http://www.scientificamerican.com/article/talking-with-mdash-not-just-to-mdash-kids-powers-how-they-learn-language/

Boston Globe,
2/15/2018, http://www.bostonglobe.com/metro/2018/02/15/conversing-with-your-children-spurs-young-brain-development-mit-study-says/0PreKQCaoXdRHvsLsRuqRL/story.html

National Public Radio,
2/14/2018, http://www.wbur.org/commonhealth/2018/02/14/mit-brain-study

Boston Globe,
6/29/2017, http://www.bostonglobe.com/metro/2017/06/26/mit-study-finds-poorer-kids-benefit-more-from-summer-reading-programs/UQwO4xh3caCbJYZUDpWGPI/story.html

NOVA (PBS): School of the Future, 9/14/16,
https://www.pbs.org/wgbh/nova/video/school-of-the-future/