

## **ACADEMIC POSITIONS**

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### **University of Maryland, College Park**

Visiting Assistant Professor, Department of Human Development, College of Education 2020-2021  
Assistant Professor, Department of Human Development (College of Education), Department of Hearing and Speech Sciences (College of Behavioral & Social Sciences) and Program in Neuroscience and Cognitive Science 2021-

### **Harvard University**

Postdoctoral Fellow, Department of Psychology 2020-2021  
Advisors: Katie A. McLaughlin, PhD & Meredith L. Rowe, EdD

### **Harvard Medical School & Massachusetts Institute of Technology**

Research Fellow, Translational Postdoctoral Training Program in Neurodevelopment 2018-2020  
Advisors: Charles A. Nelson III, PhD & John D.E. Gabrieli, PhD

### **Adjunct Lecturer**

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

## **EDUCATION**

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**Ph.D., Harvard University and Massachusetts Institute of Technology** May 2018  
Program in Speech and Hearing Bioscience and Technology, Neuroscience/SLP concentration  
Advisor: John D.E. Gabrieli, PhD

**CCC-SLP, MGH Institute of Health Professions** August 2015  
Communication Sciences and Disorders, concentration in pediatric language and literacy  
ASHA License: 14092953 Massachusetts License: 77082-SP-SL

**M.Sc. with *Distinction*, University College London** October 2012  
Language Sciences, with specialisation in Language Development  
Advisor: Valerie Hazan, PhD

**B.A. *Summa Cum Laude*, University of Pennsylvania** May 2011  
Psychology with *Honors*, and Linguistics  
Advisor: Daniel Swingley, PhD

## **SELECTED RECOGNITIONS**

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Fellow, British-American Project 2019  
Flux Congress Science of Learning Award, & Post-Doctorate 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
UCL MSc Language Sciences Highest Overall Achievement Award	2012
UCL MSc Language Sciences Best Dissertation Prize	2012
The Thouron Award	2011
Fulbright Award to the UK	2011
Marshall Scholarship Finalist	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
Dean's List	2007-2011

## **FUNDING**

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### *Individual Fellowships*

**F31 HD086957: Individual Pre-Doctoral National Research Service Award** 2016-2018  
*Eunice Kennedy Schriver* National Institute of Child Health and Human Development  
 “Effects of linguistic input on the neural capacity for language development”  
 \$74,060 Total Costs

**The Thouron US-UK Graduate Exchange Fellowship** 2011-2012  
 “Examining social, cognitive, and neural contributions to childhood language disorders”  
 £36,625 Total Costs

**Fulbright Postgraduate Award to the United Kingdom** 2011-2012  
 “Assessing eyetracking as tool for early diagnosis of atypical language development”  
 £20,000 Total Costs

### *Individual Research Grants*

**Harvard University Mind Brain Behavior Graduate Student Research Grant** 2016  
 “Linking home audio recordings to neurocognitive performance”  
 \$7,400 Total Costs

**Benjamin Franklin Society Undergraduate Research Grant** 2011  
 “Phonological development in children with demographic variability”  
 \$500 Total Costs

**Mary & Matthew Santirocco College Alumni Society Undergraduate Research Grant** 2010  
 “Phonological development in children with potential hearing impairments”  
 \$500 Total Costs

### *Training Grants*

**T32 MH112510: Translational Postdoctoral Training in Neurodevelopment** 2018-2020  
 National Institute of Mental Health  
 “Socioeconomic interactions with neurocognitive mechanisms underlying neurodevelopmental disorders”

**T32 DC000038:** Pre-doctoral Training in Speech and Hearing Bioscience  
National Institute on Deafness and Other Communication Disorders

2012-2015

Submitted/Pending

**K99/R00 HD103873:** Pathway to Independence Award

National Institute of Child Health and Human Development

“Language input as a mechanism underlying socioeconomic disparities in neurocognitive development”

Role: PI

\$1,003,014 Requested

*Fundable score received; awaiting Funding decision*

Scholarships (selected)

Friends of the McGovern Institute Student Fellowship	2016-2017
University College London Language Sciences Departmental Merit Scholarship	2011-2012
Lui Family Scholarship for Excellence in Psychology	2008-2011
University of Pennsylvania Gutmann Presidential Scholarship	2007-2011
US Dept of Defense: Science, Mathematics and Research for Transformation (declined)	2009

**PEER REVIEWED JOURNAL ARTICLES**

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\*Denotes student/RA mentee    †Denotes special recognition    ‡Denotes Co-first authorship

In Preparation

**Romeo, R.R.**, Choi, A.B., Gabard-Durnam, L.J., Wilkinson, C.L., Levin, A.R., Tager-Flusberg, H., Nelson, C.A. Parent language input predicts neurooscillatory patterns underlying language development in infants at risk of Autism.

**Romeo, R.R.**, Olson, H., Christodoulou, J.A, Gabrieli, J.D.E. Core neurocognitive deficits contributing to developmental reading disability vary by socioeconomic context.

**Romeo, R.R.**, Leonard, J.A., \*Segaran, J., \*Grotzinger, H., \*Robinson, S., West, M.R., Mackey, A.P., Rowe, M.L., Gabrieli, J.D.E. Interactions between SES, language exposure, and brain structure in young children.

Under Review

**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. Neuroplasticity associated with conversational turn-taking following a family-based intervention.  
<https://www.biorxiv.org/content/10.1101/2020.10.30.362723v1>

**Romeo, R.R.**, Pezanowski, R., Merrill, K., Hargrave, S., Hansen, A. Benefits and barriers to communication with infants in the neonatal intensive care unit (NICU).

Hutton, J.S., Christakis, D., Canli, T., Griffin, J.A., Lerner, M., Marcovitch S., **Romeo, R.R.**, and Thomason, M.E., for the Children and Screens Institute Early Childhood Years Workgroup. Early Childhood: Digital media impact on the brain in the context of parent child interactions.

Under Review: Revision Invited

**Romeo, R.R.**<sup>‡</sup>, Leonard, J.A.<sup>‡</sup>, Robinson, S.T., Mackey, A.P., West, M.R., & Gabrieli, J.D.E. (2020). Replication and extension of family-based training program to improve cognitive outcomes in low-income preschoolers.

Published

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](https://doi.org/10.1162/jocn_a_01572)

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*. <https://doi.org/10.3758/s13428-020-01365-9>

**Romeo, R.R.** (2019). Socioeconomic and experiential influences on the neurobiology of language development. Invited review at *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](https://doi.org/10.1044/2019_PERSP-19-00073)

Guell, X., D’Mello, A., Hubbard, N., **Romeo, R.R.**, Gabrieli, J.D.E, Whitfield-Gabrieli, S., Schmahmann, J.D., & Anteraper, S.A. (2019). Functional territories of human dentate nucleus. *Cerebral Cortex*, epub bhz247. <https://doi.org/10.1093/cercor/bhz247>

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>

**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. [doi:10.1523/JNEUROSCI.0484-18.2018](https://doi.org/10.1523/JNEUROSCI.0484-18.2018)

<sup>†</sup>Selected as cover article/illustration: [www.jneurosci.org/content/38/36.cover-expansion](http://www.jneurosci.org/content/38/36.cover-expansion)

<sup>†</sup>Chosen as topic of student journal club: [doi:10.1523/JNEUROSCI.2895-18.2018](https://doi.org/10.1523/JNEUROSCI.2895-18.2018)

**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. [doi:10.1177/0956797617742725](https://doi.org/10.1177/0956797617742725)

**Romeo, R.R.**<sup>‡</sup>, Christodoulou, J.A.<sup>‡</sup>, 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. [doi:10.1093/cercor/bhx131](https://doi.org/10.1093/cercor/bhx131)

- 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. doi:10.1121/1.4964815
- 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. doi:10.1121/1.4824160
- 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. doi:10.1121/1.4800618

## **INVITED CHAPTERS**

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- Romeo, R.R.**, & Christodoulou, J.A. (forthcoming). Neuroscience of educational inequalities. In A. Holliman & K. Sheehy (Eds.), *Overcoming adversity in education*.
- Romeo, R.R.**, & Christodoulou, J.A. (forthcoming). Can diverse early environments influence the efficacy of reading intervention strategies? In N. Patton Terry & P. McCardle (Eds.), *Dyslexia in vulnerable student populations: The science and practice of leading for change*.
- 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.), *Exploring the neuroscience of poverty* (pp. 166-198). Erice, Italy: CLASCO. (Published in Spanish; English edition forthcoming) <http://www.mbe-erice.org/publications/mbe-exploraciones-neurocientificas-de-la-pobreza.pdf>

## **CONFERENCE PRESENTATIONS**

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\*Denotes student/RA mentee                      †Denotes a special recognition

### *Spoken Presentations*

- Romeo, R.R.**, Choi, A.B., Gabard-Durnam, L.J., Wilkinson, C.L., Levin, A.R., 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.  
 †Awarded as part of the Jacobs Foundation Science of Learning Symposium
- 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 Presentations

**Romeo, R.R.**, Choi, A.B., Gabard-Durnam, L.J., Wilkinson, C.L., Levin, A.R., 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. 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 AND GUEST LECTURES**

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- 5/11/21 Translational Neuroscience Center Seminar Series, Boston Children’s Hospital, Boston, MA.
- 11/25/20 Royal Holloway Department of Psychology Colloquium, University of London.
- 9/2/2020 Digital Salon: Closing the Opportunity Gap from Language to Reading, Massachusetts Institute of Technology, *virtual*.
- 4/17/20 Experimental Methods in Language Acquisition Research, Utrecht, Netherlands (*to be rescheduled due to COVID-19*).
- 2/5/19 University of Connecticut, Dept of Psychological Sciences Colloquium, Storrs, CT.
- 1/30/19 University of Maryland, Dept of Human Development and Quantitative Methodology Colloquium, College Park, MD.
- 1/22/19 Boston University, Dept of Speech Language and Hearing Sciences Colloquium, Boston, MA.
- 1/13/19 Carnegie Mellon University, Dept of Psychology Colloquium, Pittsburgh, PA.
- 1/8/19 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 Colloquium, 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.
- 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**

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**Boston University** Spring 2019 & 2020  
 Sargent College: Department of Speech, Language & Hearing Sciences  
 Adjunct Lecturer  
 SH524: Language Acquisition and Development (undergraduate level)

**Harvard University** Fall 2016 & 2017  
 Graduate School of Education  
 Teaching Fellow and Independent Section Instructor  
 H-126: Typical and Atypical Neurodevelopment (masters level)

**MGH Institute of Health Professions** Summer 2015  
 Department of Communication Sciences and Disorders  
 Course Co-designer and Teaching Assistant  
 CD723: Language, Culture and Cognition (masters level)

**MGH Institute of Health Professions** Summer 2015  
 Department of Communication Sciences and Disorders  
 Adjunct Lecturer and Teaching Assistant  
 CD833: Neuromotor Speech Disorders (masters level)

**Massachusetts Institute of Technology** Spring 2014  
 Departments of Health Science and Technology; Electrical Engineering  
 & Computer Science; and Linguistics & Philosophy  
 Teaching Assistant and Section Instructor  
 6.541/24.968/HST.710: Speech Communication (doctoral level)

## **STUDENT MENTORING**

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### Masters Students:

- 2020-2021 Shumin Chen Harvard Graduate School of Education, Prevention Science and Practice master's thesis.
- 2017-2018 Melissa Giebler Harvard Graduate School of Education (independent study; now PhD student at in Neuroscience at Columbia University)

Additional Masters-level research assistants: Amanda Rosenberg (NYU), Amanda Cruz (Mercy College), Christina Stavrakas (MGH Institute of Health Professions), Natalie Albrittain-Ross (MGH Institute of Health Professions)

### Undergraduate Thesis Students:

- 2020-2021 Klaudia DeFrank Bucknell University (current honors thesis advisor)
- 2019-2020 Oliver George Harvard University (mentored honors thesis)
- 2016-2019 Veronica Valencia Wellesley College (mentored honors thesis, conference submission, & McNair Scholarship; now in health industry)
- 2016-2018 Joshua Segaran Massachusetts Institute of Technology (mentored independent study, co-author on publication; now in medical school)

Additional Undergraduate research assistants: Amy Carolus (Harvard), Malila Freeman (Harvard), Truong Nguyen (Harvard), Alexandria Onuoha (Bates College), Umara Hansen (University of Ottawa), Tina Zhao (Wellesley College), Ankur Bamezai (Boston University); Sophia Diggs-Galligan (MIT), Jack Sandstedt (MIT), Jessica Chang (Emory University), Lucy Cronin-Golomb (Tufts University), Nina Manning (MIT), Melissa Meloche (MIT), Donna Gan (Wellesley College), Laura McGeary (Wellesley College)

### High School Summer Research Students:

Samantha Chin, Charlotte Fries, Rebecca Lasser, August Kane, Andrew Ark, Travis Chaplin

## **MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS**

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International Mind, Brain, Education Society (IMBES); Developmental Cognitive Neuroscience Society (Flux); Society for the Neurobiology of Language (SNL); Society for Research in Child Development (SRCDD); Cognitive Neuroscience Society (CNS); Society for Neuroscience (SfN); American Speech Language Hearing Association (ASHA); Society for the Scientific Study of Reading (SSSR); International Dyslexia Association (IDA)

## **ACADEMIC SERVICE**

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### **Ad Hoc Manuscript Review (<http://publons.com/a/1353200/>)**

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

## Conference Abstract Review

*International Congress of Infant Studies; American Speech Language Hearing Association;  
Many Paths to Language*

## Departmental Committees

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

## **SELECTED PRESS**

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Full list available at <http://rachelromeo.com/press/>

Child Trends, 10/28/19, <https://positiveparentingnews.org/news-reports/more-conversations-more-brain-growth/>

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-when-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>

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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/>

### **SELECTED/RELEVANT COMMUNITY SERVICE**

Developed and delivered hands-on “Introduction to Brain Science” seminars for elementary-aged students in high-poverty schools in Boston	2017-2020
Fundraiser, teammate, and volunteer for the Martin Richard Foundation that fuels social equity through youth development (total raised to date: \$16,850)	2017-2020
Playspace Activity Leader, providing play-based early learning to homeless infants and young children, Horizons for Homeless Children	2014-2016
Research Peer Advisor, Penn Center for Undergraduate Research & Fellowships	2009-2011