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Dept. of Communication Sciences and Disorders
MGH Institute of Health Professions
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Education

EdD, Human Development and Psychology, 2010
Harvard Graduate School of Education, Cambridge, MA
EdM, Mind, Brain, and Education,
Harvard Graduate School of Education, Cambridge, MA
MA, Applied Child Development,
Eliot-Pearson Dept. of Child Development, Tufts University, Medford, MA
BS, Biology-Psychology and Biomedical Engineering,
Tufts University, Medford, MA

Postdoctoral Training

McGovern Institute for Brain Research, 2010-2013
Massachusetts Institute of Technology, Cambridge, MA

Academic Appointments and Affiliations

Associate Professor. MGH Institute of Health Professions, Boston, MA 2018-
Assistant Professor. MGH Institute of Health Professions, Boston, MA 2014-2018
Adjunct Lecturer on Education. Harvard Graduate School of Education, 2014-
Cambridge, MA
Research Affiliate. Speech-Language Pathology Department, 2016-
Massachusetts General Hospital, Boston, MA
Research Affiliate. McGovern Institute for Brain Research, 2014-
Massachusetts Institute of Technology, Cambridge, MA
Member of the Faculty. Harvard Graduate School of Education, 2012-2013
Cambridge, MA
Lecturer. Psychology Department, Harvard College, Cambridge, MA. 2012-2013
Adjunct Assistant Professor. MGH Institute of Health Professions, 2010-2013
Boston, MA
Instructor. Psychology Department, Harvard College, Cambridge, MA. 2008-2011
Instructor. Harvard Graduate School of Education, Cambridge, MA 2009

Clinical Appointments

Oral and Written Language Evaluator. Learning Disabilities Program, 2002-
Boston Children’s Hospital, Boston, MA

Honors and Awards

Invited Presenter, Coalition for National Science Funding's Exhibition and Reception on Capitol Hill, Washington, DC	2017
Awardee, Inaugural New Investigator Award, MGH Institute	2016
Invited Attendee, White House Office of Science & Technology Policy Workshop on Neuroscience and Learning, Washington, DC	2015
Transforming Education Through Neuroscience Award, Learning & the Brain Foundation, International Mind, Brain, and Education Society	2014
National Institutes of Health/National Institute of Child Health & Human Development, Loan Repayment Program	2011-2015
Harvard University Certificate of Teaching Excellence & Distinction in Teaching/George W. Goethals Award	2012, 2011, 2010, 2009, 2009, 2008
Faculty Guest, Student-Faculty Dinner, Harvard College	2016, 2012, 2011, 2010, 2009
Jeanne Chall Reading Lab Grant for Doctoral Research Travel Support	2010
Mind, Brain, Behavior Research Award, Harvard University	2007-2008
Dean's Summer Fellowship, Harvard Graduate School of Education	2007
Spencer Pre-Doctoral Research Apprenticeship Award	2006-2007
Mind, Brain, Behavior Research Award, Harvard University	2006
Hobb's Fellowship Award, Harvard Graduate School of Education	2005-2006
Dean's Fellowship Award, Harvard Graduate School of Education	2004-2006
Fulbright Fellowship Award, Greece	2003-2004
Graduate Conference Award, Graduate School of Arts and Sciences, Tufts University	2001, 2002, 2002, 2003

Grants

Current

Boston Public Schools Summer School Grant	2017, 2018
National Science Foundation (NSF). Brain bases of reading and math disability. Co-PI (PI: J. Gabrieli). \$1,049,160.	2016-2019

Completed

MGH Institute of Health Professions, Faculty Research Fellowship, Investigating diagnostic approaches for reading disabilities: A survey of practitioners. Co-Investigator (PI: M. Feller). \$10,000.	2016-2017
Boston Children's Hospital (Private donation). Investigating reading and attention in struggling learners. Co- Investigator. \$500,000.	2014-2016
The Peter and Elizabeth C. Tower Foundation . Developing a brain-based framework for individualized reading remediation for children with language-based learning disabilities. Co-Investigator (PI: E. Falke) \$50,000.	2013-2016

MGH Institute of Health Professions, Changing Course Fellowship, PI Improving our understanding of language challenges: Differentiating experience versus disability in English Language Learners. \$5,000.	2014-2015
MGH Institute of Health Professions, Faculty Research Fellowship, PI Investigating reading during summer months. \$10,000.	2014-2015
Smithsonian Institution, George E. Burch Fellowship , PI What is boredom in the classroom? Resting state associations with academic and behavioral outcomes. \$100,000.	2012-2014
Harvard Medical School, William F. Milton Fund , PI: Gigi Luk Investigating bilingualism and reading difficulty. Co-Principal Investigator. \$40,000	2012-2013

Publications

Peer-Reviewed Empirical Articles

1. Macdonald, K., Germine, L., Anderson, A., **Christodoulou, J.A.**, & McGrath, L.M. (2017). Dispelling the myth: Training in education or neuroscience decreases but does not eliminate beliefs in neuromyths. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2017.01314>
2. Romeo*, 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*, *50*(2), 115-127. doi: 10.1093/cercor/bhx131 PMID: 28591795
3. **Christodoulou, J.A.**, Cyr, A., Murtagh, J., Chang, P., Lin, J., Guarino, A.J., Hook, P., & Gabrieli, J.D.E. (2017). Impact of intensive summer reading intervention for children with reading disabilities and difficulties in early elementary school. *Journal of Learning Disabilities*, *50*(2), 115-127.
4. Perrachione, T.K., Del Tufo, S.N., Winter, R., Murtagh, J., Cyr, A., Chang, P., Halverson, K., Ghosh, S.S., **Christodoulou, J.A.** & Gabrieli, J.D.E. (2017). Dysfunction of rapid neural adaptation in dyslexia, *Neuron*, *92*(6), 1383-1397.
5. Katzir, T. **Christodoulou, J.A.**, DeBode, S. (2017). When left hemisphere reading is compromised: Comparing reading ability in children after left cerebral hemispherectomy and children with developmental dyslexia. *Epilepsia*, *57*(10), 1602-1609.
6. Pollack, C., Luk, G., & **Christodoulou, J.A.** (2015). A meta-analysis of functional reading systems in typically developing and struggling readers across different alphabetic languages. *Frontiers in Psychology*, *10*(6), 191.
7. Shafi, M.M., Vernet, M., Klooster, D., Barnard, M., Romatoski, K., Westover, M.B., **Christodoulou, J.A.**, Gabrieli, J.D.E., Whitfield-Gabrieli, S., Pascual-Leone, A., Chang, B. (2015). Physiological consequences of abnormal connectivity in a developmental epilepsy. *Annals of Neurology*, *77*(3), 487-503.
8. **Christodoulou, J.A.**, Del Tufo, S.N., Lymberis, J., Saxler, P.K., Ghosh, S.S., Triantafyllou, C., Whitfield-Gabrieli, S., & Gabrieli, J.D.E. (2014). Brain bases of reading fluency in typical reading and impaired fluency in dyslexia. *PLoS ONE* *9*(7): e100552.
9. Mancilla-Martinez, J., **Christodoulou, J.A.**, & Shabaker, M.M. (2014). Preschoolers' English vocabulary development: The influence of language proficiency and at-risk factors. *Learning and Individual Differences*, *35*, 79-86.

10. Geiser, E., Kjelgaard, M., **Christodoulou, J.A.**, Cyr, A., Gabrieli, J.D.E. (2014). Auditory temporal structure processing in dyslexia: Processing of prosodic phrase boundaries is not impaired in children with dyslexia. *Annals of Dyslexia*, 64(1), 77-90.
11. **Christodoulou J.A.**, Barnard, M.E., Del Tufo, S.N., Katzir, T., Whitfield-Gabrieli, S., Gabrieli, J.D.E., Chang, B.S. (2013). Integration of gray matter nodules into functional cortical circuits in periventricular heterotopia. *Epilepsy & Behavior*, 29(2), 400-406.
12. Zhang, Y., Whitfield-Gabrieli, S., **Christodoulou, J.A.** & Gabrieli, J.D.E. (2013). Atypical balance between occipital and fronto-parietal activation for visual shape extraction in dyslexia. *PLoS ONE*, 8(6), e67331.
13. **Christodoulou, J.A.**, Walker, L.M., Del Tufo, S.N., Katzir, T., Gabrieli, J.D.E., Whitfield-Gabrieli, S. & Chang, B.S. (2012). Abnormal structural and functional connectivity in gray matter heterotopia. *Epilepsia*, 53(6), 1024-32.
14. Immordino-Yang, M.H., **Christodoulou, J.A.** & Singh, V. (2012). "Rest is not idleness": Implications of the brain's default mode for development and education. *Perspectives in Psychological Science*, 7(4), 352-364.
15. Kovelman, I., Norton, E.S., **Christodoulou, J.A.**, Gaab, N., Lieberman, D.A., Triantafyllou, C., Wolf, M., Whitfield-Gabrieli, S. & Gabrieli, J.D.E. (2012). Brain basis of phonological awareness for auditory language in children and its dysfunction in dyslexia. *Cerebral Cortex*, 22(4), 754-764.
16. Mancilla-Martinez, J., Kieffer, M., Biancarosa, G., **Christodoulou, J.A.** & Snow, C. (2011). Investigating English reading comprehension growth in adolescent language minority learners: Some insights from the Simple View. *Reading and Writing: An Interdisciplinary Journal*, 24(3), 339-354.
17. Ghosh, S.S., Kakunoori, S., Augustinack, J., Nieto-Castanon, A., Kovelman, I., Gaab, N., **Christodoulou, J.A.**, Gabrieli, J.D.E. & Fischl, B. (2010). Evaluating the validity of volume-based and surface-based brain image registration for developmental cognitive neuroscience studies in children 4-to-11 years of age. *NeuroImage*, 53(1), 85-93.
18. Raschle, N.M., Lee, M., Buechler, R., **Christodoulou, J.A.**, Chang, M., Vakil, M., Stering, P.L. & Gaab, N. (2009). Making MR Imaging Child's Play - Pediatric Neuroimaging Protocol, Guidelines and Procedure. *JoVE*. 29.

Peer-Reviewed Translational Articles

1. Kitts, R., **Christodoulou, J.A.** & Goldman, S. (2011). Promoting interdisciplinary collaboration: Trainees addressing siloed medical education. *Academic Psychiatry*, 35(5), 317-321.
2. Sylvan, L. & **Christodoulou, J.A.** (2010). Understanding the role of neuroscience in brain-based products: A guide for educators and consumers. *Mind, Brain, & Education*, 4(1), 1-7.
3. **Christodoulou, J.A.** & Gaab, N. (2009). Using and misusing neuroscience in education-related research. *Cortex*, 45(4), 555-557.
4. **Christodoulou, J.A.**, Daley, S.G. & Katzir, T. (2009). Researching the practice, practicing the research, and promoting responsible policy: Usable knowledge in mind, brain, and education. *Mind, Brain, and Education*, 3(2), 65-67.
5. **Christodoulou, J.A.** (2009). Updates to the theory of multiple intelligences: What matters for schools. *The School Administrator*. 66(2), 22-26.

6. **Christodoulou, J.A.** & Pierce, M. (2008). Cautions for consumers of “brain-based” reading programs. *ASCD Express*, 4(4).

Books & Chapters

1. Centanni, T., **Christodoulou, J.A.**, & Gabrieli, J.D.E. (in press). Neural basis of reading interventions. In G. Eden (Ed.), *The Wiley Handbook on the Cognitive Neuroscience of Developmental Dyslexia*.
2. **Christodoulou, J.A.**, Thomson, J., Saxler, T., Eddy, M., & Gabrieli, J.D.E. (in press). The cognitive neuroscience of reading. In E. Gleichgerrcht & A.L. Campos (Eds.), *Mind, Brain, and Education [Spanish]*.
3. **Christodoulou, J.A.** (2017). Reading: Insights on a common skill from uncommon cases. In M.S. Schwartz & E.J. Pare-Blagoiev (Eds.), *Research in Mind, Brain and Education*. New York: Routledge.
4. Katzir, T., **Christodoulou, J.A.**, & Chang, B. (2016). The neurobiological basis of reading fluency. In A. Khateb & I. Bar-Kochva (Eds.), *Reading Fluency*. DOI 10.1007/978-3-319-30478-6_2 <http://bit.ly/2u3Pe0P>
5. Luk, G., & **Christodoulou, J. A.** (2016). [Assessing and Understanding the Needs of Dual-Language Learners](#). In N. Lesaux & S. Jones (Ed.), *The Leading Edge of Early Childhood Education: Linking Science To Policy for A New Generation of Pre-K* (pp. 67-90). Cambridge, MA, Harvard Education Press.
6. Immordino-Yang, M.H. & **Christodoulou, J.A.** (2014). Neuropsychological perspectives on social emotion and self. In R. Pekrun & L. Linnenbrink-Garcia (Eds.) *International Handbook of Emotions in Education* (pp. 607-624). New York, NY: Routledge.
7. Mody, M. & **Christodoulou, J.A.** (2014). Neurobiological correlates of language and literacy impairments. In Stone, C.A., Silliman, E.R., Ehren, B.J., & Wallach, G.P. (Eds.), *Handbook of language and literacy: Development and disorders* (pp. 45-65). New York: Guilford Press.
8. **Christodoulou, J.A.**, Saxler, P., & Del Tufo, S.N. (2014). New frontiers in education neuroscience. In A. Holliman (Ed.), *The Routledge international companion to educational psychology* (pp. 202-212). New York: Routledge.
9. Davis, K., **Christodoulou, J.A.**, Seider, S. & Gardner, H. (2011). The Theory of Multiple Intelligences. In R.J. Sternberg & S.B. Kaufman (Eds.), *Cambridge Handbook of Intelligence*. (pp. 485-503). New York: Cambridge University Press.
10. Kovelman, I., **Christodoulou, J.A.** & Gabrieli, J.D.E. (2012). Advances in the neural substrates of language: Toward a synthesis of basic science and clinical research. In M. Faust (Ed.) *Handbook of the neuropsychology of language* (pp. 868-892). London: Wiley-Blackwell.
11. Gabrieli, J.D.E., **Christodoulou, J.A.**, O’Loughlin, T. & Eddy, M. (2010). The reading brain. In D. Sousa (Ed.), *Mind, Brain, and Education: Neuroscience implications for the classroom*. Bloomington, IN; Solution Tree Press.

Online Materials

1. **Christodoulou, J.A.** (2017). Prevent summer learning loss before it happens. *Landmark360* (<https://landmark360.org/2017/05/30/prevent-summer-learning-loss-before-it-happens/>)
2. **Christodoulou, J.A.** & Hoeft, F. (2015). Summer vacation: Important insights for reading development. *International Dyslexia Association* (<https://eida.org>).

Editorships

1. **Christodoulou, J.A.**, Daley, S., & Katzir, T. (Eds.) (2009-10). Special series: Usable knowledge in mind, brain, and Education. *Mind, Brain, and Education*, 3(2), 4(1-2).
2. **Christodoulou, J.A.**, Daley, S., & Katzir, T. (Eds.) (2009-10). Special series: Usable knowledge in mind, brain, and Education. *Mind, Brain, and Education*, 3(3), 4(1-2).
3. **Christodoulou, J.A.**, Daley, S., & Katzir, T. (Eds.) (2009-10). Special series: Usable knowledge in mind, brain, and Education. *Mind, Brain, and Education*, 3(4), 4(1-2).

Media Appearances

1. PBS/NOVA. (2016, September). The future of education. <http://www.pbs.org/video/2365840582/>
2. Shafer, Leah. (2016, August). Summer math loss. Usable Knowledge, Harvard Graduate School of Education. <https://www.gse.harvard.edu/news/uk/16/06/summer-math-loss>
3. PRWeb. (2014, November). Transforming education through neuroscience award. <http://www.prweb.com/releases/2014/11/prweb12333442.htm>
4. Higgins, J. (2014, September). The Seattle Times. Leading researchers to speak on neuroscience, learning Disabilities. <http://blogs.seattletimes.com/educationlab/2014/09/26/leading-researchers-to-speak-on-neuroscience-learning-disabilities/>
5. Hockenberry, J. (2013, October). NPR's The Takeaway. <http://www.thetakeaway.org/story/daydreambeliever-tangible-benefits-idle-thought/>
6. Lahey, J. (2013, October). Teach kids to daydream: Mental downtime makes people more creative and less anxious. The Atlantic, <http://www.theatlantic.com/education/archive/2013/10/teach-kids-to-daydream/280615/>
7. Jabr, F. (2013, October). Why your brain needs more downtime. Scientific American. <http://www.scientificamerican.com/article.cfm?id=mental-downtime>
8. Christodoulou, J.A. (2013, October). *Out of print* [Motion Picture]: *Question and answer on reading in the digital era*, 29th Annual Boston Film Festival, Boston, MA.
9. Murphy, Annie Paul. (2012). *Why daydreaming isn't a waste of time*, Mind/Shift KQED NPR Blog. <http://blogs.kqed.org/mindshift/2012/06/why-daydreaming-isnt-a-waste-of-time>
10. Science Daily. (2012). *Day Dreaming Good for You? Reflection Is Critical for Development and Well-Being*. <http://www.sciencedaily.com/releases/2012/07/120702184027.htm>
11. Weber, M. (2012). *Harvard EdCast: Autism and Education*, Harvard Graduate School of Education. <http://bit.ly/1S44bIM>
12. Bingham, R. (Producer). (2011). *International Mind, Brain, and Education Conference Interview*, The Science Network. <http://thesciencenetwork.org/programs/international-mind-brain-and-education-society-2011>
13. Contis, A. (2011). Fulbright scholars: No one can say these Greeks aren't good. *The National Herald*. pp. 12.
14. Contis, A. (2011). Fulbright Best and Brightest from the Arts, Science, Research, Law. *The National Herald*. pp. 12.
15. Mitchell, A. (2010, June). Learning how the brain learns. Professionally Speaking. http://professionallyspeaking.oct.ca/june_2010/features/neuroscience.aspx

16. Mitchell, A. (2009, November). Aligning teacher and student goals. *The Toronto Star*.
<http://www.thestar.com/atkinsonseries/atkinson2009/article/721036--aligning-teacher-and-student-goals>

Peer-Reviewed Presentations and Abstracts

- Christodoulou, J.A.**, Romeo, R., Cyr, A., Halverson, K., Murtagh, J., Chang, P., Hook, P., Gabrieli, J.D.E. (2018). Neurocognitive correlates of treatment response in children with dyslexia across SES. Martinos Center, Boston, MA. 2018
- D’Mello, A.M., Centanni, T.M., **Christodoulou, J.A.**, Gabrieli, J.D.E. (2018). Cerebellar engagement during fluent reading: Implications for readers with dyslexia. OHBM. 2018
- Halverson, K., Meegoda, O., Beckius, H., Imhof, A., deBode, S., Katzir, T., & **Christodoulou, J.A.** (2018). Psychoeducational outcomes in children following left or right hemispherectomy. Cognitive Neuroscience Society, Boston, MA. 2018
- Beckius, H., Halverson, H., Centanni, T., Walters, J., von Karolyi, C., Winner, E., Gabrieli, J.D.E., & **Christodoulou J.A.** (2017). Examining the global visual-spatial processing advantage in dyslexia. American Speech-Language-Hearing Association (ASHA), Los Angeles, CA. 2017
- Christodoulou, J.A.**, Romeo, 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. 2017
- Christodoulou, J.A.**, Romeo, R.R., Halverson, K.K., Cyr, A.B., Murtagh, J., Chang, P., Mackey, A.P., Hook, P.E., & Gabrieli, J.D.E. (2017). Individual differences in treatment response: Socioeconomic status and reading disability as predictors. Annual Conference of the Association for Psychological Science (APS), Boston, MA. 2017
- Jamal, W., Cardinaux, A., Kjelgaard, M., Hadjikhani, N., **Christodoulou, J.A.**, Sinha, P. (2017). Investigating the Predictive Impairment in Autism Hypothesis. IMFAR, San Francisco, CA. 2017
- Pattee, M., **Christodoulou, J.A.**, & Schneps, M. (2016). Effects of digital text manipulations on reading in high school students with language based learning disabilities. American Speech-Hearing-Language Association, Philadelphia, PA. 2016
- Christodoulou, J.A.**, Halverson, K.K., Holding, E., Cheng, T., Kagan, S., Varella, M., Umans, D., Pattee, M., Ashby, N. (2016). Differentiating summertime literacy attitudes and experiences among children with and without reading difficulties. Society for the Scientific Study of Reading, Porto, Portugal. 2016
- Romeo, R., **Christodoulou, J.A.**, Cyr, A., Halverson, K., Murtagh, J., Chang, P., Hook, P., Gabrieli, J.D.E. (2015). Children’s socioeconomic status influences their response to reading intervention. ASHA Annual Convention, Colorado. 2015
- Perrachione, T.K., **Christodoulou, J.A.**, & Gabrieli, J.D.E. (2015). Adaptation to repeated speech in children with and without dyslexia. 21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, HI. 2015

- Walters, J., Murtagh, J., Halverson, K., Cyr, A., Perrachione, T., Chang, P., Hook, P., Gabrieli, J.D.E., **Christodoulou, J.A.** (2015). Impaired reading networks in young readers. Society for Neuroscience, Chicago, IL. 2015
- Romeo, R.R., **Christodoulou, J.A.**, Cyr, A., Halverson, K., Murtagh, J., Chang, P., Mackey, A., Hook, P., 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, Hawaii. 2015
- Luk, G., Mesite, L., Guerrero, S.L., & **Christodoulou, J.A.** (2015). Reading outcomes in children with diverse language backgrounds. 10th International Symposium on Bilingualism, Rutgers University, NJ. 2015
- Christodoulou, J.A.**, Cyr, A., Murtagh, J., Chang, P., Halverson, K., Lin, J., Guarino, A., Hook, P., Gabrieli, J.D.E. (2014). Impact of intensive summer reading intervention for early elementary school children with Dyslexia. In **J.A. Christodoulou** (Chair), Understanding the role of summer activities for reading development and difficulties, Society for the Scientific Studies of Reading, Santa Fe, New Mexico. 2014
- Christodoulou, J.A.**, Murtagh, J., Perrachione, T., Cyr, A., Halverson, K., Chang, P., Hook, P., Gabrieli, J.D.E. (2014). Functional neuroanatomical differences between early readers with and without developmental dyslexia. Cognitive Neuroscience Society, Boston, MA. 2014
- Murtagh, J., **Christodoulou, J.A.**, Perrachione, T., Cyr, A., Halverson, K., Chang, P., Hook, P., Gabrieli, J.D.E. (2014). White matter integrity differences in early readers with and without developmental dyslexia. Cognitive Neuroscience Society, Boston, MA, US. 2014
- Katzir, T., DeBode, S., & **Christodoulou, J.A.** (2014). The right reading brain. British Dyslexia Association, Guildford, UK. 2014
- Christodoulou, J.A.** (2013). Behavioral and neural correlates of typical and atypical reading fluency. Invited presentation, Brain, Mind, and Fluency Conference, Society, Haifa, Israel. 2013
- Katzir, T., & **Christodoulou, J.A.** (2013). Fluency and the right reading brain. Invited presentation, Brain, Mind, and Fluency Conference, Society, Haifa, Israel. 2013
- Katzir, T., DeBode, S., & **Christodoulou, J.A.** (2013). The right reading brain: Reading after a left hemispherectomy. International Academy for Research in Learning Disabilities (IARLD), Boston, MA. 2013
- Christodoulou, J.A.** (2013). Advances in the cognitive neuroscience of reading intervention. Invited presentation, International Mind, Brain, and Education Society, Quito, Ecuador. 2013
- Pollack, C., **Christodoulou, J.A.**, Luk, G. (2013). Meta-analysis of functional reading systems in readers with and without dyslexia. In different languages. Poster presentation, Annual Conference, Cognitive Neuroscience Society, San Francisco, CA. 2013
- Christodoulou, J.A.** (2013). Predicting reading outcomes for struggling students. In **J.A. Christodoulou** & M.H. Immordino-Yang (Co-Chairs), Innovations in Education Neuroscience Symposium, American Educational Research Association, San Francisco, CA. 2013
- Katzir, T., DeBode, S., & **Christodoulou, J.A.** (2013). The right reading brain: Reading after a left hemispherectomy. The Jerusalem International Conference on Neuroplasticity and Cognitive Modifiability, Israel. 2013

- Mancilla-Martinez, J., **Christodoulou, J.A.** & Shabaker, M.M. (2013). Risk factors in preschool children's preliteracy development. Pacific Coast Research Conference, San Diego, CA. 2013
- Mancilla-Martinez, J., **Christodoulou, J.A.** & Shabaker, M.M. (2012, November). Spanish-speaking preschool children's vocabulary development. Literacy Research Association, San Diego, CA. 2012
- Christodoulou, J.A.**, Kieffer, M., Bloomfield, A., Del Tufo, S.N., Saxler, P., Lymberis, J., Cosman, S., Geiger, G. & Gabrieli, J.D.E. (2012). Time to Read: Relationships between rapid naming automaticity, word fluency, and text fluency and reading comprehension. Society for the Scientific Study of Reading, Montreal, Canada. 2012
- Christodoulou, J.A.**, Walker, L.M., Del Tufo, S.N., Whitfield-Gabrieli, S., Gabrieli, J.D.E. & Chang, B.S. (2011). Gray matter heterotopia in an epileptic brain malformation are functionally connected to overlying cortex. American Neurological Association, San Diego, CA. 2011
- Christodoulou, J.A.**, Del Tufo, S.N., Lymberis, J., Saxler, P., Ghosh, S.S., Triantafyllou, C., Whitfield-Gabrieli, S. & Gabrieli, J.D.E. (2011). Neural correlates of reading fluency in dyslexia and typical reading. Symposium on Automaticity and Fluency. Society for the Scientific Study of Reading, FL. 2011
- Christodoulou, J.A.** (2011). Case studies in brain development: Periventricular Nodular Heterotopia. Symposium on The right reading brain: What have we learned about the role of the right hemisphere in language and reading development? International Mind, Brain, and Education Society, San Diego, CA. 2011
- Christodoulou, J.A.**, Del Tufo, S., Saxler, P., Lymberis, J. & Gabrieli, J.D.E. (2011). Neural systems supporting text reading fluency in dyslexia. Cognitive Neuroscience Society, San Francisco, CA. 2011
- Del Tufo, S., **Christodoulou, J.A.**, Saxler, P., Lymberis, J. & Gabrieli, J.D.E. (2011). Neural correlates of reading fluency development. Cognitive Neuroscience Society, San Francisco, CA. 2011
- Sylvan, L. & **Christodoulou, J.A.** (2010). Understanding the role of neuroscience in brain-based products: A guide for educators and consumers. American Educational Research Association, Denver, CO. 2010
- Lymberis, J., **Christodoulou, J.A.**, O'Loughlin, P., Del Tufo, S. & Gabrieli, J.D.E. (2009). Neural correlates of rapid automatized naming. Society for Neuroscience, Chicago, IL. 2009
- Christodoulou, J.A.**, O'Loughlin, P., Lymberis, J., Del Tufo, S. & Gabrieli, J.D.E. (2009). Neural correlates of reading fluency. Nanosymposium, Society for Neuroscience, Chicago, IL. 2009
- Christodoulou, J.A.**, Kovelman, I., Norton, E.S., King, L., Del Tufo, S., Gaab, N., Triantafyllou, C., Lieberman, D.A., Lymberis, J., O'Loughlin, P., Whitfield-Gabrieli, S., Wolf, M. & Gabrieli, J.D.E. (2009). Developmental dissociation between brain regions for phonological awareness. Society for the Scientific Study of Reading, Boston, MA. 2009
- Del Tufo, S., **Christodoulou, J.A.**, Lymberis, J., O'Loughlin, P., & Gabrieli, J.D.E. (2009). Phonological processing via print and pictures: Differentiating neural correlates of fMRI rhyming tasks. Society for Neuroscience, Chicago, IL. 2009
- Christodoulou, J.A.**, Kovelman, I., Norton, E.S., Triantafyllou, C., Lieberman, D.A., 2009

- Lymberis, J., O'Loughlin, P., Whitfield-Gabrieli, S., Wolf, M., Gaab, N. & Gabrieli, J.D.E. (2009). Auditory and visual phonological processing between children with and without developmental dyslexia. International Mind, Brain, and Education Society, Philadelphia, PA.
- Christodoulou, J.A.**, Gaab, N., Kovelman, I., Lieberman, D.A., Weinberg, A., Hostetter, M.K., Norton, E., Reisner, S., Triantafyllou, C., Whitfield-Gabrieli, S. & Gabrieli, J.D.E. (2007). Learning to read changes the developing brain: Orthographic processing in prereaders and readers. Society for Neuroscience, San Diego, CA. 2007
- Mancilla-Martinez, J., Kieffer, M., **Christodoulou, J.A.**, Biancarosa, G. & Snow, C. (2007). The Simple View grows up: Investigating the development of English reading comprehension among adolescent languageminority learners. Society for the Scientific Study of Reading, Prague, Czech Republic. 2007
- Kieffer, M., Biancarosa, G., **Christodoulou, J.A.**, Mancilla-Martinez, J. & Snow, C. (2007). Shades of struggle: Heterogeneity among urban adolescent struggling comprehenders. American Educational Research Association, Chicago, IL. 2007
- Biancarosa, G., Mancilla-Martinez, J., Kieffer, M.J., **Christodoulou, J.A.** & Snow, C. (2006). Exploring the heterogeneity of English reading comprehension difficulties among Spanish-speaking middle school students. Society for the Scientific Study of Reading, Vancouver, Canada. 2006
- Christodoulou, J.A.** & Alivisatos, M. (2004). The naming speed deficit: An analysis of Greek readers. Society for the Scientific Study of Reading, Amsterdam, NL. 2004
- Christodoulou, J.A.**, Jeffery, J., Morris, R., Wolf, M. & Lovett, M. (2003). Language profiles and comprehension skills of three-impaired reader subtypes. Society for the Scientific Study of Reading, Denver, CO. 2003
- Katzir, T., O'Rourke, A.G., Krey, L. & **Christodoulou, J.A.** (2003). How do you spell read? The relationship of orthographic recognition to reading-related processes. Society for Research in Child Development, Tampa, FL. 2003

Invited Presentations

International

- Christodoulou, J.A.** (2017). Reading disability and socioeconomic status: Brain-behavior correlates and response to intervention. Course on Neuroscience of Poverty at the MBE School, Erice, Italy. 2017
- Christodoulou, J.A.** (2016). Summer reading development among at-risk readers (Keynote Address). First Nation Education Conference, Vancouver, Canada. 2016
- Christodoulou, J.A.** (2012). Assessment and diagnosis of learning disabilities. Speaker, Istanbul, Turkey. 2012
- Christodoulou, J.A.** (2009). Cognitive neuroscience of reading development and difficulties. Speaker, Learning Disabilities Association of Bermuda, Bermuda. 2009

National

- Christodoulou, J.A.** (panelist with James Bashman, Mimi Corcoran, and Gabrielle Rapport-Schlichtmann). (2018). Brain and Environment: Implications for Learning, SXSW Ed, Austin, TX. 2018

- Christodoulou, J.A.** (2017). Keynote address, Collaboratory Conference on Mind, Brain, and Education, New York University, NY. 2017
- Christodoulou, J.A.** (2017). The reading brain: Neuroscience and assessment implications for hemispherectomy. The Brain Recovery Project, Orlando, FL. 2017
- Christodoulou, J.A.** (2016). Neuroscience of reading development and disabilities. The Dyslexia Foundation, Palm Desert, CA. 2016
- Christodoulou, J.A.** (2016). Reading: Perspectives from neuroscience. Learning and the Brain, San Francisco, CA. 2016
- Cuenoud, S.L., McIntyre, J., Shepard, B., Gabrieli, J., **Christodoulou, J.A.**, Wilkins, S., & Falke, E. (2015). Improving reaction time improves reading fluency, a common cognitive train associated with dyslexia. Learning and the Brain, San Francisco, CA. 2015
- Christodoulou, J.A.** (2015). Summer reading development among at-risk readers. Washington Branch of the International Dyslexia Association, Seattle, WA. 2015
- Christodoulou, J.A.** (2015). NAIS Summit on the Science of Learning and 21st Century Schools, Nashville, TN. 2015
- Christodoulou, J.A.** (2015). Yale School of Management Education Leadership Conference, New Haven, CT. 2015
- Christodoulou, J.A.** (2015). Brain Symposium for the Center for Literacy Enrichment, Pace University, NY. 2015
- Christodoulou, J.A.** (2014). Speaker, Dept. of Teaching, Learning, and Culture, Texas A&M, College Station, TX. 2014
- Christodoulou, J.A.** (2014). Panelist, Digital Youth Seattle Think Tank, University of Washington, Seattle, WA. 2014
- Christodoulou, J.A.** (2013). Speaker, Vermont Speech-Language Hearing Association, Burlington, VT. 2013
- Christodoulou, J.A.** (2011). Panelist, Institute of Human Development and Social Change (IHDS) Conference, The Calhoun School & NYU Steinhart School of Education, NY, NY. 2011

Regional

- Christodoulou, J.A.** (2018). Cognitive neuroscience of reading: Remediation and resilience. Research Institute for Learning and Development's 33rd Annual Learning Differences Conferences, Harvard Graduate School of Education, Cambridge, MA. 2018
- Christodoulou, J.A.** (2017). Reading development and difficulties: Assessment and Diagnosis Overview for Parents. Weston PAC, Weston, MA. 2017
- Christodoulou, J.A.** (2017). Summer reading: Insights for parents and educators. Landmark College, Cambridge, MA. 2017
- Christodoulou, J.A.** (2017). Reading difficulty and disabilities: Brain-behavior correlates and response to intervention. Sargent College, Boston University, Boston, MA. 2017
- Christodoulou, J.A.** (2017). Harnessing individual variability to improve educational outcomes: Case studies and interventions. Landmark College Summer Institute, Putney, VT. 2017
- Christodoulou, J.A.** (2017). Cognitive neuroscience of reading in typical and atypical development. Landmark School Summer Institute, Prides Crossing, MA. 2017

- Christodoulou, J.A.** (2017). Summer outcomes for struggling readers. MGH Psychology Assessment Center, Boston, MA. 2017
- Christodoulou, J.A.** (2017). Summer slide, glide, or gain: Struggling reader outcomes in a high-stakes season. Harvard Graduate School of Education, Cambridge, MA. 2017
- Christodoulou, J.A.** (2016). Summer Reading: Development, difficulties, and interventions. Research Institute for Learning and Development's 31st Annual Learning Differences Conferences, Harvard Graduate School of Education, Cambridge, MA. 2016
- Nguyen, T., Meyerson, S., Walters, J., Park, A., Romeo, R., **Christodoulou, J.A.**, & Gabrieli, J.D.E. (2015). Differences in cortical thickness between dyslexics and typically developing readers in early stages of reading. Dept. of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge, MA. 2015
- Christodoulou, J.A.** (2014). Developmental Science Colloquium, Psychology Dept., Boston University, Boston, MA. 2014
- Christodoulou, J.A.** (2014). Speaker, Learning Differences Conference, Harvard Graduate School of Education, Cambridge, MA. 2014
- Christodoulou, J.A.** (2013). Can neuroscience help inform diagnosis and intervention practices? Invited presentation, Annual Conference, Massachusetts Branch of the International Dyslexia Association, Framingham, MA. 2013
- Christodoulou, J.A.** (2013). Cognitive neuroscience insights on the reading brain. Invited presentation, Future of Learning, Harvard University, Cambridge, MA. 2013
- Christodoulou, J.A.** (2011). Speaker, Massachusetts Branch of the International Dyslexia Association Conference, Framingham, MA. 2011
- Christodoulou, J.A.** (2011). Speaker, Federation for Children with Special Needs, Visions of Community Conference, Boston, MA. 2011
- Christodoulou, J.A.** (2010). Speaker, Sargent School of Communication Disorders, Boston University, Boston, MA. 2010
- Christodoulou, J.A.** (2010). Speaker, Massachusetts Branch of the International Dyslexia Association, Framingham, MA. 2010

Educational Activities

Courses Taught

Graduate Instruction

Diagnostic Methods and Clinical Processes in Oral Language, Reading, and Writing, MGH IHP	2015-2018
Reading Difficulties, Harvard Graduate School of Education	2015-2018
Development and Disorders of Spoken and Written Language, MGH IHP	2014, 2018
Teaching Language and Literacy to English Language Learners, MGH IHP	2016
Developmental Disabilities, Harvard University, Psychology Department	Sp/Fall 2012, 2010
Introduction to Cognition, MGH IHP	2010
Testing in Mind, Brain, and Education: Process and Outcome, Harvard	2009

Undergraduate Instruction

Developmental Disabilities, Harvard Sp/Fall 2012,
2010
Cognitive and Social Neuroscience, Harvard 2008, 2009,
Sp/Fall 2011

K-12 Instruction

Summer Time Adventures in Reading and Teaching (START) Intervention 2012
Study, Study Director, Gabrieli Lab, MIT
Curriculum: Lindamood-Bell
Elementary School Reading Instructor, Center for Reading and Language 2002-2003
Research, Tufts University
Curricula: RAVE-O; SRA Reading Mastery; PHAST
Elementary School Reading Instructor, Tufts-Malden Summer and After- 1999-2002
School Literacy Programs; Tufts-Somerville Schools Program, Curricula:
RAVE-O; SRA Reading Mastery; Jolly Phonics

Guest Lectures

Christodoulou, J.A. (2017, March). Intersection of language and literacy skills 2017
in vulnerable learners. Invited speaker, Grad. School of Education, Dr. Gigi
Luk, Harvard University, Boston, MA.
Christodoulou, J.A. (2016, November). Reading and dyslexia: 2016
Neurobehavioral correlates across development. Invited speaker, Dept. of
Communication Sciences, Dr. Tyler Perrachione, Boston University, Boston,
MA. 2013
Christodoulou, J.A. (2013, October). Social perspectives on developmental
disabilities: Where do we draw the line between ability and disability?
Invited speaker, Social Development (PS541), Dept. of Psychology, Dr. Peter
Blake, Boston University, Boston, MA.
Christodoulou, J.A. (2012, October). Social perspectives on developmental 2012
disabilities: Definitions and decisions. Invited speaker, Social Development
(PS541), Dept. of Psychology, Dr. Peter Blake, Boston University, Boston, MA.
Christodoulou, J.A. (2012, March). Critical consumerism in Mind, Brain, & 2012
Education: The case of reading & Dyslexia. Invited speaker, Dept. of Child
Development (CD190), Dr. Laura Vanderberg, Tufts University, Medford, MA.
Christodoulou, J.A. (2011, November). Dyslexia: Cognitive neuroscience 2011
perspectives on identification and intervention. Invited speaker, Dept. of
Psychology, Dr. Rhiannon Luyster, Boston University, Boston, MA.
Christodoulou, J.A. (2011, October). The science of language and literacy. 2011
Invited Speaker, Cognitive Development, Education, and the Brain (HT100),
Dr. Kurt Fischer, Harvard Graduate School of Education, Cambridge, MA.
Christodoulou, J.A. (2011, October). Growing a mind and a brain: Basics of 2011
developmental neuroscience. Invited Speaker, Developmental Psychology,
Dr. Margaret Pierce, Stonehill College, Easton, MA.
Christodoulou, J.A. (2010, October). The science of reading and dyslexia: 2010

Information for special education teachers. Invited speaker, Boston University, Dr. Kathy Anne Jordan, Boston, MA.

Christodoulou, J.A. (2010, September). The science of reading and dyslexia: Information for educators. Invited speaker, Reading Difficulties (H-860), Dr. Nonie Lesaux, Harvard Graduate School of Education, Cambridge, MA. 2010

Christodoulou, J.A. (2010, June). Educational Neuroscience: Critical consumerism. Invited speaker, Children with Special Needs (CD190), Dr. Laura Vanderberg, Tufts University, Medford, MA. 2010

Christodoulou, J.A. (2009, May). What we can learn from the brain itself: Neuroimaging and literacy development. Invited speaker, Reading Research Seminar (Education 914), Dr. Ruth Wharton-McDonald, University of New Hampshire, Durham, NH. 2009

Christodoulou, J.A. (2009, February). Reading and the brain: An introduction. Invited speaker, Sophomore Tutorial in Psychology (PSY971), Kathleen Corriveau (Instructor), Harvard University, Cambridge, MA. 2009

Christodoulou, J.A. (2008, December). How the brain allows the mind to read. Invited speaker, Cognitive Development, Neuroscience, and Education (HT100), Dr.'s Kurt Fischer & David Rose, Harvard Graduate School of Education, Cambridge, MA. 2008

Christodoulou, J.A. (2008, September). Mapping the terrain of reading: Theory, research, and practice. Invited speaker, Learning Disabilities (SE 503), Dr. Kathy-Anne Jordan, Boston University, Boston, MA. 2008

Christodoulou, J.A. (2008, September). How to be a critical consumer in Mind, Brain, and Education. Invited speaker, Children with Special Needs (CD190), Dr. Laura Vanderberg, Tufts University, Medford, MA. 2008

Christodoulou, J.A. (2008, February). Cognitive neuroscience of reading: Status and updates of reading development and disabilities. Invited speaker, Reading Research Seminar (Education 914), Dr. Ruth Wharton-McDonald, University of New Hampshire, Durham, NH. 2008

Christodoulou, J.A. (2006, March). Theories of Developmental Dyslexias. Invited speaker, Reading Difficulties (H860), Harvard Graduate School of Education, Cambridge, MA. 2006

External Educational Activities

Mentoring

Thesis Committee Chair/Member

Jennifer Zuk, Harvard, Speech & Hearing Bioscience and Technology, PhD Candidate 2018

Crystle Alonzo, MGH Institute, PhD Program in Rehabilitation Science, PhD Candidate 2018

Lauren Baron, MGH Institute, PhD Program in Rehabilitation Science, PhD Candidate 2018

Olivia Meegoda, MGH Institute, MGH Institute, Master of Science in Speech- 2018

Language Pathology (MS-SLP) Candidate	
Heather Beckius , MGH Institute, MGH Institute, Master of Science in Speech-Language Pathology (MS-SLP) Candidate	2018
Natalie Ross , MGH Institute, Master of Science in Speech-Language Pathology (MS-SLP) Candidate	2016
Meg Pattee , MGH Institute, Master of Science in Speech-Language Pathology (MS-SLP) Candidate	2016

Students

Post-Doctoral Level

Anila D'Mello (MIT, Post-Doctoral Associate), (Co-mentor with John Gabrieli)	2017-
Tracy Centanni (MIT, Post-Doctoral Associate), (Co-mentor with John Gabrieli)	2014-2017

Graduate Level

Tayllar Righini (MGH IHP)	2018
Sarah Birdsall (MGH IHP)	2018
Alyssa Savery (MGH IHP)	2018
Katherine Cox (MGH IHP)	2018
Maria Galassi (MGH IHP)	2018
Emma Arnold (MGH IHP)	2018
Rui Liu (MGH IHP)	2018
Michelle Martinez (MGH IHP)	2018
Darby Smith (MGH IHP)	2018
Sarah Theaker (MGH IHP)	2018
Neha Sharma (MGH IHP)	2018
Madeline Piela (MGH IHP)	2018
Madeline Pennebaker (MGH IHP)	2017-2018
Natasha De Novi (MGH IHP)	2017-2018
Vanina Zack	2017-2018
Parnika Bhatia (Harvard Grad School of Ed.)	2017-2018
Claire Leong (Harvard Grad School of Ed.)	2017
Neha Paranjpe	2017
Hillary Goldsmith	2017
Bridget North	2017
Kristen Soranno	2017
Jameson Cooper	2017
Allegra Le	2016-2018
Sarah Miller	2016-2017
Stephany Ross (Harvard Graduate School of Education), Independent Study	2016
Maria Varella (IHP), Graduate Assistant	2014-2016
Johanna Martinez (IHP), Graduate Assistant	2014-2015
Lucia Hong (IHP), Research Assistant	2015-2016
Nicole Ashby (Harvard Graduate School of Education), Independent Study	2015

Emily Holding (Harvard Graduate School of Education), Independent Study	2015
Emilia Motroni (IHP, Thesis committee)	2015-2016
Leila Denna (IHP, Thesis committee)	2015-2016
Lauren Pesta (IHP, Thesis committee)	2015-2016
Emily Evans (IHP, Independent study)	2015
Rolph Paulsen (IHP, Independent Study)	2014-2015
Kindra Knight (Harvard Graduate School of Education), Independent Study	2015
Dana Reder (Harvard Graduate School of Education), Independent Study	2014-2015
Kim Harriot (Boston Children’s Hospital Intern)	2013
April Maddy (Harvard Graduate School of Education, Intern)	2012
Mahsa Ershadi (Harvard Graduate School of Education, Intern)	2012
John Naghshineh (Harvard Graduate School of Education, Intern)	2012
Lesley Sylvan, CCC-SLP, M.A. (Harvard Graduate School of Education, mentor)	2007-2008
Patricia K. Saxler, Ed.M. (Gabrieli Lab), Research Assistant	2008-2009

Research Assistants

Kelly Halverson (Psychoeducation Evaluator), Gabrieli Lab	2012-2017
Jonathan Walters (Technical Assistant), Gabrieli Lab; Currently Ph.D. candidate at Stanford)	2014-2016
Jack Murtagh (Technical Assistant), Gabrieli Lab Currently Ph.D. candidate at Harvard)	2012-2014
Rebecca Winter, M.A. (Psychoeducation Evaluator), Gabrieli Lab Currently Ph.D. candidate at Georgia State)	2010-2011
Bianca Levy, Ed.M. (Psychoeducation Evaluator), Gabrieli Lab; Currently Ph.D. candidate at McGill University)	2009-2010
Stephanie Del Tufo, B.A. (Gabrieli Lab; Currently Post-Doc at Vanderbilt)	2008-2011
John Lymberis, B.A. (Gabrieli Lab)	2008-2010
Alison Bloomfield, B.A. (Gabrieli Lab; Currently Psy.D. candidate at Temple U.)	2008-2009

Undergraduate level

Diana Hernandez (Boston College, summer intern)	2018
Destiny Miles (UMass Amherst, summer intern)	2017, 2018
Lauren Otterman (Boston College)	2016-2017
Son Huynh (Boston University undergraduate, summer intern)	2015
Karan Patel (UConn undergraduate, summer intern)	2015
Jiayi Lin (MIT Undergraduate Research Assistant) Gabrieli Lab	2013
Diana Bartenstein (Harvard College Senior Thesis Co-Advisor)	2011-2012

High School Students

Jacob Kimberley	2018
Alex Cumming	2018
Aidan Kimberley	2018

Christina Markopoulos	2014-16
Gideon Leek	2014
Piper Galyean	2014
James Onyeukwu	2013
Daniel Remondi	2013
Colin Power	2012
Arman Ashrafi	2012
Jessie Hild (Smithsonian Pinhead Institute Intern)	2012
Gina Distefano (Smithsonian Pinhead Institute Intern)	2012
Omar Hadzipasic	2010

Professional Development Taught

Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2018
Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2017
Constructing the Reading Brain. Learning & the Brain Workshop, Needham, MA.	2017
Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2016
Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2015
Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2015
Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2014
Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.	2013
Constructing the Reading Brain. Learning & the Brain Workshop, Needham, MA.	2012
Responsibility and Communication in Science. Invited Panelist, Sense About Science, Voice of Young Science, Cambridge, MA.	2012
Strategies for reading problems in the 21st century. Learning & the Brain Conference, Cambridge, MA.	2011
Making connections: The art and science of teaching. Summer Institute Leader (4 days), Learning and the Brain Conference/Lawrence Academy, Groton, MA.	2011
Approach to graduate school: Finding one that fits you. Invited Speaker, Clinical Research Assistant Community Education Initiative, Children's Hospital, Boston, MA.	2011
Making connections: The art and science of teaching. Summer Institute Leader (4 days), Learning and the Brain Conference/Lawrence Academy, Groton, MA.	2010
Neuroscience of reading and dyslexia. Invited speaker, The Reading Clinic, Bermuda.	2009
Teaching for Learning: Connecting brain and cognitive science with the classroom. Summer Institute Leader (4 days), Learning and the Brain Conference/University of Southern California, Los Angeles, CA.	2009
Making connections: The art and science of teaching. Summer Institute Leader (4 days), Learning and the Brain Conference/Lawrence Academy, Groton, MA.	2009
Updates on emotion and cognition through neuroscience for educators. Invited speaker, Packer Collegiate Institute, Brooklyn, NY.	2009
Neurobiological systems of emotion: Implications for learning and teaching.	2008

Workshop leader and speaker for 3-Day Workshop, Long Trail School, Dorset, VT. 2008

Dynamics and development of cognition: Implications for learning and teaching. Workshop leader and speaker for 3-Day Workshop, Long Trail School, Dorset, VT. 2008

Identification and characterization of Developmental Dyslexia. Invited speaker, Neuroeducation Institute: Applying Brain Science to Teaching & Learning, The Carraway Center for Teaching & Learning, Nashville, TN. 2008

Current directions in reading research: Inquiries of science and education. Invited speaker, Neuroeducation Institute: Applying brain science to teaching & learning, The Carraway Center for Teaching & Learning, Nashville, TN. 2008

Developmental Dyslexia from Mind, Brain, and Education perspectives. Invited speaker, Neuroeducation Institute: Applying Brain Science to Teaching & Learning, The Carraway Center for Teaching & Learning, Nashville, TN. 2008

The reading brain: Current research and interventions. Invited speaker, Professional Development, Landmark School, Prides Crossing, MA. 2008

The cognitive neuroscience of Landmark's teaching principles. Invited speaker, Professional Development, Landmark School, Prides Crossing, MA. 2008

Written language: Approaches and components of assessment. Invited speaker, Professional Development, Learning Disabilities Program, Children's Hospital, Boston, MA. 2008

Assessment training for research in oral & written language. Invited workshop leader, Training seminar, Children's Hospital, Boston & Harvard Medical School, Cambridge, MA. 2007

Professional Memberships and Activities

Scientific Advisory Board, The Brain Recovery Project 2018-

Reviewer, Social Sciences and Humanities Research Council of Canada (SSHRC) 2018

Massachusetts Speech-Language Hearing Association 2018-

Literacy Advisory Group, MA Dept. Elementary and Secondary Education 2017-

Harvard-Kent Leadership and Scholarship Partnership, Board of Directors/Advisory Board (Teacher Grant Program, Annual Fund) 2017-

Invited Attendee, National Science Foundation STEM Education, Learning Disabilities, and the Science of Dyslexia Conference, Pentagon City, Virginia 2017

Invited Attendee, Neuroscience and Poverty, International School on Mind, Brain, and Education, Erice, Italy 2017

Board of Directors, Elected, International Mind, Brain and Education Society 2015-2017

National Science Foundation, US, Review Panel 2016, 2017

National Science Foundation, Israel, Grant reviewer 2016

Research Grants Council, University Grants Committee, Hong Kong, Standing Review Board 2015-2019

Co-Organizer & Moderator, Sense About Science, Voice of Young Science, Cambridge, MA 2012

Co-Organizer, Sense About Science, Voice of Young Science, Glasgow, Scotland 2011

Graduate Steering Committee, Mind, Brain, Behavior Interfaculty Initiative at Harvard	2007-2008
Advisory Committee, Student Research Conference & International Forum, Harvard	2006-2007
Co-Organizer, Massachusetts Branch of the International Dyslexia Association Conference	2010-2014
Facilitator, Connecting the Mind, Brain, and Education Summer Institute, HGSE	2008
Co-Founder, Clinical Brain Science Collaborative Seminar, Children's Hospital, Boston	2008-2014
Conference Tri-Chair, Student Research Conference & International Forum, HGSE	2005, 2006
Admissions Committee, Mind, Brain, and Education Masters Program, HGSE	2006
<u>Editorial Boards</u>	
Ad-hoc reviewer: <i>Applied Psycholinguistics; Brain Connectivity; Child Development; Developmental Neuropsychology; Developmental Science; Learning and Individual Differences; Mind, Brain Education; NeuroReport; PLOS One</i>	2010-present
<u>Institutional Service</u>	
Certificate of Reading Curriculum Committee	2017-
Thesis/Dissertation/Qualifying Exam Committee	2014-
Admissions Committee, MGH Institute of Health Professions	2014-
Academic Initiatives Process for new Masters program in Moderate Special Needs & Literacy, MGH Institute of Health Professions	2014-
Research Operations Committee (ROC), MGH Institute of Health Professions	2014-
Research and Scholarship of Faculty and Students Review Committee, MGH Institute of Health Professions	2014-
Faculty Connect Guide: Mentorship Program, MGH IHP	2014-
Task Force for Healthcare Improvement, MGH Institute of Health Professions	2015
Task Force for Core Competencies, MGH Institute of Health Professions	2015
Chair of Search Committee, MGH Institute of Health Professions	2015
<u>Community Service</u>	
Member, Massachusetts Branch of the International Dyslexia Association (Program Committee, Communications Committee)	2010-
Member, Harvard-Kent Leadership and Scholarship Partnership Board of Directors/Advisory Board	