

# JOANNA A. CHRISTODOULOU

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## EDUCATION

- Ed.D.** Harvard Graduate School of Education, Human Development and Psychology  
**Ed.M.** Harvard Graduate School of Education, Mind, Brain, and Education  
**M.A.** Tufts University, Eliot-Pearson Department of Child Development  
**B.S.** Tufts University, Biology-Psychology and Biomedical Engineering

## ACADEMIC POSITIONS

- Assistant Professor**, Dept. of Communication Sciences and Disorders, MGH Institute of Health Professions, 2013-  
**Post-Doctoral Associate**, Gabrieli Lab, Department of Brain and Cognitive Sciences, MIT, 2010-2013  
**Lecturer**, Psychology Department, Harvard College, 2012-2013  
**Adjunct Assistant Professor**, MGH Institute of Health Professions, 2010-2013  
**Instructor**, Psychology Department, Harvard College, 2008-2011  
**Researcher**, Gabrieli Lab, MIT, 2005-2010  
**Instructor**, Harvard Graduate School of Education (HGSE), 2009  
**Researcher**, Strategic Education Research Partnership (SERP), 2006-2009  
**Researcher**, Center for Applied Special Technology (CAST), 2005  
**Fulbright Fellow**, Athens, Greece, 2003-2004  
**Researcher**, Center for Reading and Language Research, Tufts University, 1998-2003

## SELECTED AWARDS AND HONORS

### Scholarship Awards

- The Peter and Elizabeth C. Tower Foundation**, Co-Principal Investigator, 2013-2014  
**National Institutes of Health/National Institute of Child Health and Human Development**, 2013-2015  
**George E. Burch Fellowship**, Smithsonian Institution, Principal Investigator, 2012-2014  
**William F. Milton Fund**, Harvard Medical School, Co-Principal Investigator with Gigi Luk, 2012-2013  
**National Institutes of Health/National Institute of Child Health and Human Development**, 2011-2013  
**Jeanne Chall Reading Lab Grant for Doctoral Research Travel Support**, Spring 2010  
**Mind, Brain, Behavior Research Award**, Harvard University, 2007-2008  
**Dean's Summer Fellowship**, Harvard Graduate School of Education, Summer 2007  
**Spencer Pre-Doctoral Research Apprenticeship**, 2006-2007  
**Mind, Brain, Behavior Research Award**, Harvard University, 2006  
**Hobb's Fellowship**, Harvard Graduate School of Education, 2005-2006  
**Dean's Fellowship**, 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

### Teaching Awards

- Harvard University Certificate of Teaching Excellence & Distinction in Teaching/George W. Goethals Award**  
*Spring 2012; Fall 2011; Fall 2010; Fall 2009; Spring 2009; Fall 2008*

Honors

**Early Career Award, Learning and the Brain and IMBES for Educational Neuroscience, 2014**

**Faculty Guest**, Student-Faculty Dinner, Harvard College

Fall 2012; Spring 2012; Fall 2011; Spring 2011; Fall 2010; Fall 2010; Fall 2009

**SELECTED PUBLICATIONS**Published

- Geiser, E., Kjelgaard, M., **Christodoulou, J.A.**, Cyr, A., Gabrieli, J.D.E. (2013). Auditory temporal structure processing in dyslexia: Processing of prosodic phrase boundaries is not impaired in children with dyslexia. *Annals of Dyslexia* [epub].
- 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: The Guilford Press.
- 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.
- 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), pp. 400-406.
- 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.
- 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.
- 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. (**Top 10 most read articles in issue release month**)
- 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.
- 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.
- 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.
- 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.
- 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.
- Raschle, N.M., Lee, M., Buechler, R., **Christodoulou, J.A.**, Chang, M., Vakil, M., Sterling, P.L. & Gaab, N. (2009). Making MR Imaging Child's Play - Pediatric Neuroimaging Protocol, Guidelines and Procedure. *JoVE*. 29.

Practice-Oriented

- Kitts, R., **Christodoulou, J.A.** & Goldman, S. (2011). Promoting interdisciplinary collaboration: Trainees addressing siloed medical education. *Academic Psychiatry*, 35(5), 317-321.
- 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.
- Sylvan\*, L. & **Christodoulou, J.A.** (2010). Understanding the role of neuroscience in brain-based products: A guide for educators and consumers. *Mind, Brain, and Education*, 4(1), 1-7.
- Christodoulou, J.A.** & Gaab, N. (2009). Using and misusing neuroscience in education-related research. *Cortex*, 45(4), 555-557.
- 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.
- Christodoulou, J.A.** (2009). Updates to the theory of multiple intelligences: What matters for schools. *The School Administrator*. 66(2), 22-26.
- Christodoulou, J.A.** & Pierce, M. (2008). Cautions for consumers of "brain-based" reading programs. *ASCD Express*, 4(4).

**EDITORSHIPS**

- 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), 4(1-2).

**TEACHING EXPERIENCE**Graduate Instruction

- Developmental Disabilities**, Harvard University, Spring 2012, Fall 2012
- Diagnostic Methods and Clinical Processes in Oral Language, Reading, and Writing**, MGH IHP, Spring 2012, 2013
- Introduction to Cognition**, MGH IHP (with Dr. L. Zipse), Fall 2010
- Testing in Mind, Brain, Education: Process and Outcome**, Harvard, Spring 2009
- Cognitive Development, Education, and the Brain**, Harvard (Teaching Fellow), 2005-2006, 2006-2007, 2007-2008
- Reading Difficulties**, Harvard (Teaching Fellow), Fall 2005, Spring 2006
- Introduction to Psycho-Educational Assessments**, Harvard (Teaching Fellow), Spring 2005, Fall 2005, Fall 2006
- Learning Disabilities**, Tufts (Teaching Fellow), Spring 2003

Undergraduate Instruction

- Developmental Disabilities**, Harvard, Fall 2010, Spring 2012, Fall 2012
- Cognitive and Social Neuroscience**, Harvard, Fall 2008, Fall 2009, Spring 2011, Fall 2011

K-12 Instruction

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

## SELECTED PRESENTATIONS

**Conference Presentations**

\*Denotes student supervised work

- Christodoulou, J.A.** (2013, November). Behavioral and neural correlates of typical and atypical reading fluency. Invited presentation, Brain, Mind, and Fluency Conference, Society, Haifa, Israel.
- Katzir, T., & **Christodoulou, J.A.** (2013, November). Fluency and the right reading brain. Invited presentation, Brain, Mind, and Fluency Conference, Society, Haifa, Israel.
- Katzir, T., DeBode, S., & **Christodoulou, J.A.** (2013, June). The right reading brain: Reading after a left hemispherectomy. International Academy for Research in Learning Disabilities (IARLD), Boston, MA.
- Christodoulou, J.A.** (2013, May). Advances in the cognitive neuroscience of reading intervention. Invited presentation, International Mind, Brain, and Education Society, Quito, Ecuador.
- Pollack, C., **Christodoulou, J.A.**, Luk, G. (2013, April). 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.
- Christodoulou, J.A.** (2013, April). Can neuroscience help inform diagnosis and intervention practices? Invited presentation, Annual Conference, Massachusetts Branch of the International Dyslexia Association, Framingham, MA.
- Christodoulou, J.A.** (2013, April). 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 (AERA), San Francisco, CA.
- Katzir, T., DeBode, S., & **Christodoulou, J.A.** (2013, March). *The right reading brain: Reading after a left hemispherectomy*. The Jerusalem International Conference on Neuroplasticity and Cognitive Modifiability, Israel.
- Mancilla-Martinez, J., **Christodoulou, J.A.** & Shabaker, M.M. (2013, February). Risk factors in preschool children's preliteracy development. Pacific Coast Research Conference (PCRC), San Diego, CA.
- Mancilla-Martinez, J., **Christodoulou, J.A.** & Shabaker, M.M. (2012, November). Spanish-speaking preschool children's vocabulary development. Literacy Research Association (LRA), San Diego, CA.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- Christodoulou, J.A.**, Kovelman, I., Norton, E.S., Triantafyllou, C., Lieberman, D.A., 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. **(Abstract also selected for Press Book submission)**
- 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 language minority learners*. Society for the Scientific Study of Reading, Prague, Czech Republic.
- 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.
- 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.
- Christodoulou, J.A.** & Alivisatos, M. (2004). *The naming speed deficit: An analysis of Greek readers*. Society for the Scientific Study of Reading, Amsterdam, NL.
- 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.
- 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.

### **Invited Presentations**

- Christodoulou, J.A.** (2014, March). The science of reading: Brain and behavior myths. Invited presentation, 29<sup>th</sup> Annual Learning Differences Conference, Harvard Graduate School of Education, Cambridge, MA.
- Christodoulou, J.A.** (2013, October). Scientific literacy for educators: Understanding neuroimaging results. Invited presentation, Vermont Speech-Language Hearing Association, Burlington, VT.
- Christodoulou, J.A.** (2013, October). Cognitive neuroscience of reading: Typical development, dyslexia, and case studies. Invited presentation, Vermont Speech-Language Hearing Association, Burlington, VT.

- Christodoulou, J.A.** (2013, October). Cognitive neuroscience of reading: Neuroplasticity, interventions, and cross-linguistic perspectives. Invited presentation, Vermont Speech-Language Hearing Association, Burlington, VT.
- Christodoulou, J.A.** (2013, August). Time to Read. Invited presentation, The Center for Biological & Computational Learning (CBCL) (Poggio Lab), MIT, Cambridge, MA.
- Christodoulou, J.A.** (2013, July). Converging sciences in developmental disabilities. Invited Lecture, Future of Learning Workshop, Harvard Graduate School of Education, Cambridge, MA.
- Gabrieli, J.D.E. & **Christodoulou, J.A.** (2013, July). Learning and the Brain Workshop, Cambridge, MA.
- Christodoulou, J.A.** (2012, June). Tools of neuroscience: Measuring brain activity. Mind, Brain, and Education Program in Professional Development, Harvard University, Cambridge, MA.
- Christodoulou, J.A.** (2012, June). Prediction, identification, and diagnosis in education: Can brain imaging help? Mind, Brain, and Education Program in Professional Development, Harvard University, Cambridge, MA.
- Christodoulou, J.A.** & Thomson, J. (2012, April). Writing: Perspectives from assessment, development, disability, and neuroscience. Psychology Assessment Center, Massachusetts General Hospital, Boston, MA.
- Christodoulou, J.A.** (2012, February). Learning development and difficulties: Perceptions, mechanisms, and practice. Invited Speaker, Emerson College, Boston, MA.
- Christodoulou, J.A.** (2012, January). The science of learning, assessment, and instruction for educators. Invited Speaker, Istanbul, Turkey.
- Christodoulou, J.A.** (2011, December). Neuroscience of reading: Identification and intervention. Invited Speaker, Massachusetts Branch of the International Dyslexia Association Annual Conference, Framingham, MA.
- Christodoulou, J.A.** (2011, June). Developmental disabilities in the classroom setting: Identification, recognition, and instruction. Invited Speaker, Brighton, MA.
- Christodoulou, J.A.** (2011, May). Understanding the science of your dyslexia: Exploring the genetic and brain basis of reading difficulties. Invited Speaker, Adult Dyslexia Professional Group, MABIDA, Boston, MA.
- Christodoulou, J.A.** (2011, May). Recognizing Dyslexia in schools: A guide for community providers. Invited Speaker, Community Education Initiative, Brighton Public School District, MA.
- Christodoulou, J.A.** (2011, March). How we understand reading development and difficulties through neuroscience. Invited Speaker, Commonwealth Learning Center, Memorial Lecture, Boston, MA.
- Christodoulou, J.A.** & Hook, P. (2011, March). Red flags for identifying struggling readers. Invited Speaker, Federation for Children with Special Needs, Visions of Community Conference, Boston, MA.
- Christodoulou, J.A.** (2011, February). What parents should know about the reading brain. Invited Speaker, MABIDA, SEPAC Meeting, Norwood, MA.
- Christodoulou, J.A.** (2011, January). How children learn - puzzles, games, & metacognition. Invited panelist, Institute of Human Development and Social Change (IHDSC) Conference on Independent Curricula in Student Development, The Calhoun School & New York University Steinhart School of Education, NY, NY.
- Christodoulou, J.A.** (2010, November). Cognitive neuroscience advances in understanding reading fluency. Invited speaker, Sargent School of Communication Disorders, Boston University, Boston, MA.
- Christodoulou, J.A.** & Gabrieli, J.D.E. (2010, November). Dyslexia: Connecting reading, education and cognitive science. Invited workshop leaders, Learning and the Brain Conference, Cambridge, MA.
- Christodoulou, J.A.** (2010, October). Neuroscience of reading and dyslexia: Perspectives for parents. Invited speaker, Massachusetts Branch of the International Dyslexia Association, Framingham, MA.

- Christodoulou, J.A.** (2010, September). Red flags: Early identification of reading and language difficulties. Invited speaker, Massachusetts Branch of the International Dyslexia Association, Framingham, MA.
- Christodoulou, J.A.** (2009, November). Neuroscience of reading and dyslexia. Invited speaker, Learning Disabilities Association of Bermuda, Bermuda.
- Christodoulou, J.A.** (2009, September). Introduction to Mind, Brain, and Education. Invited panelist, Clinical Brain Science Collaborative Seminar, Children's Hospital, Boston, MA.
- Christodoulou, J.A.** (2009, January). The reading brain: Current research and interventions. Invited speaker, Northborough/Southborough Special Education Parent Advisory Council, Northborough, MA.
- Christodoulou, J.A.** (2008, October). Introduction to Mind, Brain, and Education. Invited speaker, Clinical Brain Science Collaborative Seminar, Children's Hospital, Boston, MA.
- Christodoulou, J.A.** (2008, March). Crossing boundaries and crafting collaborations: Neuroimaging research from the educator's perspective. Invited speaker, Research in Education and Literacy (REAL) group, Harvard Graduate School of Education, Cambridge, MA.
- Christodoulou, J.A.** (2008, February). Navigating interdisciplinary research as a graduate student. Invited panelist, Mind, Brain, and Behavior (MBB), Harvard University, Cambridge, MA.
- Christodoulou, J.A.** (2007, April). Knowing dyslexia through neuroscience. Invited speaker, Mind, Brain, and Behavior, Harvard University, Cambridge, MA.
- Katzir, T. & **Christodoulou, J.A.** (2003, June). Language, reading, and the brain: Expanding the spectrum of reading research. Invited speaker, The Ross School, East Hampton, NY.
- Christodoulou, J.A.** & Katzir, T. (2002, December). Reaching at-risk middle school students: Research-based reading curricula and cognitive instruction tools. Invited speaker, Epiphany Middle School, Dorchester, MA.
- Professional Development**
- Gabrieli, J.D.E. & **Christodoulou, J.A.** (2014, July). Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.
- Gabrieli, J.D.E. & **Christodoulou, J.A.** (2013, July). Neuroscience of reading. Learning and the Brain Workshop, Cambridge, MA.
- Christodoulou, J.A.** (2012, March). Constructing the Reading Brain. Learning & the Brain Workshop, Needham, MA.
- Christodoulou, J.A.** (2012, February). Responsibility and Communication in Science. Invited Panelist, Sense About Science, Voice of Young Science, Cambridge, MA.
- Christodoulou, J.A.** & Daley, S. (2011, November). Strategies for reading problems in the 21st century. Learning & the Brain Conference, Cambridge, MA.
- Immordino-Yang, M.H., Blodget, A., **Christodoulou, J.A.** (2011, June). Making connections: The art and science of teaching. Summer Institute Leader (4 days), Learning and the Brain Conference/Lawrence Academy, Groton, MA.
- Christodoulou, J.A.** (2011, May). Approach to graduate school: Finding one that fits you. Invited Speaker, Clinical Research Assistant Community Education Initiative, Children's Hospital, Boston, MA.
- Immordino-Yang, M.H., Blodget, A., **Christodoulou, J.A.**, & Stein, Z. (2010, June). Making connections: The art and science of teaching. Summer Institute Leader (4 days), Learning and the Brain Conference/Lawrence Academy, Groton, MA.
- Christodoulou, J.A.** (2009, November). Neuroscience of reading and dyslexia. Invited speaker, The Reading Clinic, Bermuda.

- Immordino-Yang, M.H., Blodget, A., & **Christodoulou, J.A.** (2009, July). 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.
- Immordino-Yang, M.H., Blodget, A., **Christodoulou, J.A.**, & Stein, Z. (2009, June). Making connections: The art and science of teaching. Summer Institute Leader (4 days), Learning and the Brain Conference/Lawrence Academy, Groton, MA.
- Christodoulou, J.A.** (2009). Updates on emotion and cognition through neuroscience for educators. Invited speaker, Packer Collegiate Institute, Brooklyn, NY.
- Christodoulou, J.A.** & Stein, Z. (2008, August). Neurobiological systems of emotion: Implications for learning and teaching. Workshop leader and speaker for 3-Day Workshop, Long Trail School, Dorset, VT.
- Christodoulou, J.A.** & Stein, Z. (2008, August). Dynamics and development of cognition: Implications for learning and teaching. Workshop leader and speaker for 3-Day Workshop, Long Trail School, Dorset, VT.
- Christodoulou, J.A.** (2008, August). Identification and characterization of Developmental Dyslexia. Invited speaker, Neuroeducation Institute: Applying Brain Science to Teaching & Learning, The Carraway Center for Teaching & Learning, Nashville, TN.
- Christodoulou, J.A.** (2008, August). 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.
- Christodoulou, J.A.** (2008, August). 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.
- Christodoulou, J.A.** (2008, October). The reading brain: Current research and interventions. Invited speaker, Professional Development, Landmark School, Prides Crossing, MA.
- Christodoulou, J.A.** (2008, February). The cognitive neuroscience of Landmark's teaching principles. Invited speakers, Professional Development, Landmark School, Prides Crossing, MA.
- Christodoulou, J.A.** (2008, January). Written language: Approaches and components of assessment. Invited speaker, Professional Development, Learning Disabilities Program, Children's Hospital, Boston, MA.
- Christodoulou, J.A.** (2007, October). Assessment training for research in oral & written language. Invited workshop leader, Training seminar, Children's Hospital, Boston & Harvard Medical School, Cambridge, MA.

### **Guest Teaching**

- 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 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, & 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 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. 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 developmental neuroscience. Invited Speaker, Developmental Psychology, Dr. Margaret Pierce, Stonehill College, Easton, MA.
- Christodoulou, J.A.** (2010, October). The science of reading and dyslexia: 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.
- Christodoulou, J.A.** (2010, June). Educational Neuroscience: Critical consumerism. Invited speaker, Children with Special Needs (CD190), Dr. Laura Vanderberg, Tufts University, Medford, MA.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Christodoulou, J.A.** (2006, March). Theories of Developmental Dyslexias. Invited speaker, Reading Difficulties (H860), Harvard Graduate School of Education, Cambridge, MA.
- Christodoulou, J.A.** (2005, May). RAVE-O: Contributions of cognitive neuroscience to reading intervention. Invited speaker, Introduction to Psycho-Educational Assessments (HT820), Harvard Graduate School of Education, Cambridge, MA.

#### IN THE MEDIA

- Moss-Coane, M. (2013, October). Radio Times, WHYY Philadelphia and NPR Sirius. A defense of daydreaming. [live broadcast 1-hour interview with Scott Barry Kauffman] <http://why.org/cms/radiotimes/2013/10/28/a-defense-of-daydreaming/>
- Hockenberry, J. (2013, October). NPR's The Takeaway. <http://www.thetakeaway.org/story/daydream-believer-tangible-benefits-idle-thought/>
- 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/>
- Jabr, F. (2013, October). Why your brain needs more downtime. Scientific American. <http://www.scientificamerican.com/article.cfm?id=mental-downtime>

- Christodoulou, J.A. (2013, October). *Out of print* [Motion Picture]: *Question and answer on reading in the digital era*, 29<sup>th</sup> Annual Boston Film Festival, Boston, MA.
- 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>
- 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>
- Weber, M. (2012). *Harvard EdCast: Autism and Education*, Harvard Graduate School of Education. <http://www.gse.harvard.edu/news-impact/2012/04/harvard-edcast-autism-and-education/>
- 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>
- Contis, A. (2011). Fulbright scholars: No one can say these Greeks aren't good. *The National Herald*. pp. 12.
- Contis, A. (2011). Fulbright Best and Brightest from the Arts, Science, Research, Law. *The National Herald*. pp. 12.
- Mitchell, A. (2010, June). Learning how the brain learns. *Professionally Speaking*. [http://professionallyspeaking.oct.ca/june\\_2010/features/neuroscience.aspx](http://professionallyspeaking.oct.ca/june_2010/features/neuroscience.aspx)
- 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>

## SELECTED SERVICE AND PROFESSIONAL ACTIVITIES

### Conferences/Seminars

- Co-Organizer & Moderator, Sense About Science, Voice of Young Science, Cambridge, MA, Spring 2012
- Co-Organizer, Sense About Science, Voice of Young Science, Glasgow, Scotland, Fall 2011
- Co-Organizer, Massachusetts Branch of the International Dyslexia Association Conference, 2010, 2011, 2013
- Facilitator, Connecting the Mind, Brain, and Education Summer Institute, HGSE, 2008
- Co-Founder, Clinical Brain Science Collaborative Seminar, Children's Hospital, Boston, 2008
- Conference Tri-Chair, Student Research Conference & International Forum, HGSE, 2005, 2006

### Committees

- Program Committee, Massachusetts Branch of the International Dyslexia Association, 2010-
- Graduate Steering Committee, Mind, Brain, Behavior Interfaculty Initiative at Harvard, 2007-2008
- Advisory Committee, Student Research Conference & International Forum, HGSE, 2006-2007
- Admissions Committee, Mind, Brain, and Education Masters Program, HGSE, 2006

### Ad Hoc Reviewer

- Applied Psycholinguistics; Brain Connectivity; Developmental Neuropsychology; Learning and Individual Differences; Mind, Brain Education; NeuroReport*

### Project Development

- Curriculum Design Contributor, Annenberg Media & Harvard-Smithsonian Center for Astrophysics, 2011  
*Neuroscience and the Classroom: Making the Connection*. <http://www.learner.org>  
Drs. Mary Helen Immordino-Yang, Kurt Fischer, Matt Schneps
- Assessment Consultant, EdLabs (The Education Innovation Laboratory), Harvard University, 2010  
Drs. Steven Levitt, Roland Fryer Jr., John List