

# Jessica A. Church-Lang, Ph.D.

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## Academic Degrees

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- Ph.D., Neuroscience 2008  
Washington University in St. Louis, Division of Biology and Biological Sciences  
Dissertation: “*Neuroimaging studies of typical and atypical development*”  
PhD mentors: Bradley L. Schlaggar, M.D., Ph.D., and Steven E. Petersen, Ph.D.
- A.B., *cum laude*, Neuroscience major, Psychology minor – *highest honors in neuroscience* 2002  
Smith College, Northampton, MA  
Visiting Scholar, 2000-2001, Oxford University, Oxford, England

## Professional Appointments

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- Associate Professor** 2019-present  
Department of Psychology  
Department of Psychiatry (by courtesy)  
Institute for Neuroscience  
Biomedical Imaging Center  
*The University of Texas at Austin*
- Primary Investigator** 2012-present  
The Developmental Cognitive Neuroscience Lab  
*The University of Texas at Austin*
- Assistant Professor** 2012-2019  
Department of Psychology  
Department of Psychiatry (by courtesy)  
*The University of Texas at Austin*
- Postdoctoral Research Associate/Fellow** 2008-2012  
Department of Neurology  
*Washington University School of Medicine*  
Advisors: Dr. Bradley L. Schlaggar, M.D., Ph.D., and Dr. Silvia A. Bunge, Ph.D. (UC Berkeley)

## Research Interests

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- Longitudinal trajectories of task control abilities in typical and atypical development
- The neural bases of task control (task-based and rest-based fMRI approaches)
- Brain changes related to behavioral improvement (e.g. via reading intervention)
- The impact of stress and puberty on task control development
- Predicting group membership from multivariate datasets
- Predicting future educational gains from brain activity

## Publications

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\* Graduate student advisee

\*\* Former lab member

Nielsen A.N., Gratton C., **Church J.A.**, Dosenbach N.U.F., Black K.J., Petersen S.E., Schlaggar B.L., Greene D.J. (Epub July 2019). Atypical functional connectivity in Tourette syndrome differs between children and adults. *Biological Psychiatry*.

Frazier-Wood A.C. ‡, Vainik U. ‡, Engelhardt L.E.\*, Briley D.A., Grotzinger A., **Church J.A.**, Harden K.P., Tucker-Drob E.M. (Epub June 2019). Genetic overlap between body mass index and executive functions in childhood. *American Journal of Clinical Nutrition*. ‡ Co-first authors

Harden K.P., Engelhardt L.E.\*, Mann, F.D., Patterson M.W., Grotzinger A., Savicki S.L., Thibodeaux M.L., Freis S.M., Tackett J.L., **Church J.A.**, Tucker-Drob E.M. (Epub May 2019). Genetic associations between executive functions and a general factor of psychopathology. *Journal of American Academy of Child and Adolescent Psychiatry*.

**Church J.A.**, Cirino P.T., Miciak J., Juranek J., Vaughn S., Fletcher J.M. (2019). Cognitive, intervention, and neuroimaging perspectives on executive function in children with reading disabilities. *New Directions for Child and Adolescent Development* 165, 25-54.

Cirino P.T., **Church, J.A.**, Miciak, J., Fletcher, J.M. The Role of Executive Functions in Reading Development, Reading Disability, and Intervention Response. Book Chapter. *All About Language: Science, Theory, and Practice*. Brooks Publishing Co.

Nugiel T.\*, Roe M.A.\*, Taylor W.P., Cirino P.T., Vaughn S.R., Fletcher J.M., Juranek J., **Church J.A.** (2019). Brain activity before intervention relates to future reading gains. *Cortex*, 111, 286-302. <https://doi.org/10.1016/j.cortex.2018.11.009>

Engelhardt L.E.\*, Harden K.P., Tucker-Drob E., **Church J.A.** (2019). The neural architecture of executive functions is established by middle childhood. *NeuroImage*, 185, 479-489. <https://doi.org/10.1016/j.neuroimage.2018.10.024>

Roe M.A.\*, Martinez J.E.\*\*, Mumford J.A., Taylor W.P., Cirino P.T., Fletcher J.M., Juranek J., **Church J.A.** (2018). Control engagement during sentence and inhibition fMRI tasks in children with reading difficulties. *Cerebral Cortex*, 28(10), 3697-3710. <https://doi.org/10.1093/cercor/bhy170>

Engelhardt L.E.\*, **Church J.A.**, Harden K.P., Tucker-Drob E. (2018). Accounting for the shared environment in cognitive abilities and academic achievement with measured socioecological contexts. Accepted at *Developmental Science*. Advance online publication. <https://doi.org/10.1111/desc.12699>

Martinez J.E.\*\*, Mack M.L., Bauer J-R.\*\*, Roe M.A.\*, **Church J.A.** (2018) Perceptual biases during cued task switching relate to decision process differences between children and adults. *Journal of Experimental Psychology: Human Perception and Performance*. Advance online publication. <http://dx.doi.org/10.1037/xhp0000552>.

Bauer J-R.\*\* ‡, Martinez J.E.\*\* ‡, Roe M.A.\*, **Church J.A.** (2017). Consistent performance differences between children and adults despite manipulation of cue-target variables. *Frontiers in Psychology: Developmental*, 8, 1304. ‡ Co-first authors. <https://doi.org/10.3389/fpsyg.2017.01304>

- Engelhardt L.E.\*, Roe M.A.\*, Juranek J., DeMaster D., Harden K.P., Tucker-Drob E.M., **Church J.A.** (2017). Children's head motion during fMRI tasks is heritable and stable over time. *Developmental Cognitive Neuroscience*, 25, 58-68. <https://doi.org/10.1016/j.dcn.2017.01.011>
- Tucker-Drob E.M., Grotzinger A., Briley D.A., Engelhardt L.E.\*, Mann F.D., Patterson M., Kirschbaum C., Adam E.K., **Church J.A.**, Tackett J.L., Harden K.P. (2017). Genetic influences on hormonal markers of chronic HPA function in human hair. *Psychological Medicine*, 47(8), 1389-1401. <https://doi.org/10.1017/S0033291716003068>
- Church J.A.**, Bunge S.A., Petersen S.E., Schlaggar B.L. (2017). Preparatory engagement of cognitive control networks increases late in childhood. *Cerebral Cortex*, Mar 1;27(3), 2139-2153. <https://doi.org/10.1093/cercor/bhw046>
- Engelhardt L.E.\*, Mann F.D., Briley D.A., **Church J.A.**, Harden K.P., Tucker-Drob E.M. (2016). Strong genetic overlap between executive functions and intelligence. *Journal of Experimental Psychology: General*, 145(9), 1141-1159. <http://dx.doi.org/10.1037/xge0000195>
- Greene D.J., **Church J.A.**, Dosenbach N.U.F., Nielsen A.N., Adeyemo B., Nardos, B., Petersen S.E., Black K.J., Schlaggar B.L. (2016). Multivariate pattern classification of pediatric Tourette syndrome using functional connectivity MRI. *Developmental Science*, 19(4), 581-598. <https://doi.org/10.1111/desc.12407>
- Stewart S.B., Greene D.J., Lessov-Schlaggar C.N., **Church J.A.**, Schlaggar B.L. (2015). Clinical correlates of parenting stress in children with Tourette syndrome and in typically developing children. *Journal of Pediatrics*, 166(5), 1297-1302 e3 <https://doi.org/10.1016/j.jpeds.2015.01.041>
- Church J.A.**, Schlaggar B.L. (2014). Pediatric Tourette syndrome: insights from recent neuroimaging studies. *Journal of Obsessive-Compulsive and Related Disorders. Special Issue: Tourette Syndrome Update*, 3(4), 386-393. <https://doi.org/10.1016/j.jocrd.2014.04.002>
- Siegel J.S., Power J.D., Dubis J.W., Vogel A.C., **Church J.A.**, Schlaggar B.L., Petersen S.E. (2014). Statistical improvements in fMRI analyses produced by censoring high motion datapoints. *Human Brain Mapping*, 35(5), 1981-1996. <https://doi.org/10.1002/hbm.22307>
- Williams A.C., McNeely M.E., Greene D.J., **Church J.A.**, Warren S.L., Hartlein J.M., Schlaggar B.L., Black K.J., Wang L: (2013). A pilot study of basal ganglia and thalamus structure by high dimensional mapping in children with Tourette syndrome. *F1000Research*, 2, 207. <http://dx.doi.org/10.12688/f1000research.2-207.v1>
- Vogel A.C., **Church J.A.**, Power J.D., Miezin F.M., Petersen S.E., Schlaggar B.L. (2013). Functional Network Architecture of Reading-Related Regions Across Development. *Brain and Language*, 125(2), 231-43. <https://doi.org/10.1016/j.bandl.2012.12.016>
- Church J.A.**, Petersen S.E., Schlaggar B.L. (2012). Comment on "The physiology of developmental changes in BOLD functional imaging signals" by Harris, Reynell, and Attwell. *Developmental Cognitive Neuroscience*, 2(2), 220-222. <https://doi.org/10.1016/j.dcn.2011.10.003>
- Barnes K.A., Nelson S.M., Cohen A.L., Power J.D., Coalson R.S., Miezin F.M., Vogel A.C., Dubis J.W., **Church J.A.**, Petersen S.E., Schlaggar B.L. (2012). Parcellation in left lateral parietal cortex is similar in adults and children. *Cerebral Cortex*, 22(5), 1148-1158. <https://doi.org/10.1093/cercor/bhr189>

- Power J.D., Cohen A.L., Nelson S.M., Wig G.S., Barnes K.A., **Church J.A.**, Vogel A.C., Laumann T.O., Miezin F.M., Schlaggar B.L., Petersen S.E. (2011). Functional network organization of the human brain. *Neuron*, 72, 665-678. <https://doi.org/10.1016/j.neuron.2011.09.006>
- Dosenbach N.U.F., Nardos B., Cohen A.L., Fair D.A., Power J.D., **Church J.A.**, Nelson S.M., Wig G.S., Vogel A.C., Lessov-Schlaggar C.N., Barnes K.A., Dubis J.W., Feczko E., Coalson R.S., Pruett J.R., Barch D.M., Petersen S.E., Schlaggar B.L. (2010). Prediction of individual brain maturity using fMRI. *Science*, 329(5997), 1358-1361. <https://doi.org/10.1126/science.1194144>
- Church J.A.**, Balota D.A., Petersen S.E., Schlaggar B.L. (2011). Manipulation of length and lexicality localizes the functional neuroanatomy of phonological processing in adult readers. *Journal of Cognitive Neuroscience*, 23(6), 1475-1493. <https://doi.org/10.1162/jocn.2010.21515>
- Church J.A.**, Petersen S.E., Schlaggar B.L. (2010). The Task B problem and other issues in developmental functional neuroimaging. *Human Brain Mapping*, 31(6), 852-862. <https://doi.org/10.1002/hbm.21036>
- Church J.A.**, Wenger K.K., Dosenbach N.U.F., Miezin F.M., Petersen S.E., Schlaggar B.L. (2009). Task control signals in pediatric Tourette syndrome show evidence of immature and anomalous functional activity. *Frontiers in Human Neuroscience*, 3:38. <https://doi.org/10.3389/neuro.09.038.2009>
- Fair D.A., Cohen A.L., Power J.D., Dosenbach N.U.F., **Church J.A.**, Miezin F.M., Schlaggar B.L., Petersen S.E. (2009). Functional brain networks develop from a “local to distributed” organization. *PLoS Computational Biology*, 5(5): e1000381. <https://doi.org/10.1371/journal.pcbi.1000381>
- Schlaggar B.L., **Church J.A.** (2009). Functional neuroimaging insights into the development of skilled reading. *Current Directions in Psychological Science*, 18(1), 21-26. <https://doi.org/10.1111/j.1467-8721.2009.01599.x>
- Ihnen S.K., **Church J.A.**, Petersen S.E., Schlaggar B.L. (2009). Lack of generalizability of sex differences in the fMRI BOLD activity associated with language processing in adults. *NeuroImage*. 45(3), 1020-32. <https://doi.org/10.1016/j.neuroimage.2008.12.034>
- Church J.A.**, Fair D.A., Dosenbach N.U.F., Cohen A.L., Miezin F.M., Petersen S.E., Schlaggar B.L. (2009). Control networks in pediatric Tourette Syndrome show immature and anomalous patterns of functional connectivity. *Brain*, 132(1), 225-38. <https://doi.org/10.1093/brain/awn223>
- Church J.A.**, Coalson R.S., Lugar H.M., Petersen S.E., Schlaggar B.L. (2008). A developmental fMRI study of reading and repetition reveals changes in phonological and visual mechanisms over age. *Cerebral Cortex*, 18(9), 2054-65. <https://doi.org/10.1093/cercor/bhm228>
- Fair D.A., Cohen A.L., Dosenbach N.U.F., **Church J.A.**, Miezin F.M., Barch D.M., Raichle M.E., Petersen S.E., Schlaggar B.L. (2008). The maturing architecture of the brain’s default network. *PNAS*, 105(10), 4028-4032. <https://doi.org/10.1073/pnas.0800376105>
- Fair D.A., Dosenbach N.U.F., **Church J.A.**, Cohen A.L., Brahmbhatt S., Miezin F.M., Barch D.M., Raichle M.E., Petersen S.E., Schlaggar B.L. (2007). Development of distinct control networks through segregation and integration. *PNAS*, 104(33), 13507-13512. <https://doi.org/10.1073/pnas.0705843104>
- Wraga M., Duncan L., Jacobs E.C., Helt M., **Church J.** (2006). Stereotype susceptibility narrows the gender gap in imagined self-rotation performance. *Psychonomic Bulletin & Review*, 13(5), 813-819. <http://dx.doi.org/10.3758/BF03194002>

Burns J.M., **Church J.A.**, Johnson D.K., Xiong C., Marcus D., Fotenos A.F., Snyder A.Z., Morris J.C., Buckner R.L. (2005). White matter lesions are prevalent but differentially related with cognition in aging and early Alzheimer disease. *Arch Neurol*, 62(12), 1870-6. <http://dx.doi.org/10.1001/archneur.62.12.1870>

Wraga M., Shephard J.M., **Church J.A.**, Inati S., Kosslyn S.M. (2005). Imagined rotations of self versus objects: an fMRI study. *Neuropsychologia*, 43(9), 1351-61. <https://doi.org/10.1016/j.neuropsychologia.2004.11.028>

de Villiers P.A., **Church J.**, Giordano R., Whalen M., & Hoffmeister R. (2000). Reference to protagonists' mental states in the written narratives of deaf children: the contribution of English syntax and ASL skills. In Howell, S.C., Fish, S. & Keith-Lucas, T. (Eds.). *Proceedings of the 24<sup>th</sup> Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press. pp 265-275.

### **Public Scholarship**

Roe, M.A.\*, **Church, J.A.** Texas Center for Learning Disabilities. Education Research Matters: September, 2018. Review and summary of Roe et al., 2018. <https://www.texasldcenter.org/education-research-matters/item/september-2018>

**Church, J.A.** Texas Center for Learning Disabilities. Education Research Matters: October, 2017. Review and summary of Alcauter et al. 2017. <https://www.texasldcenter.org/education-research-matters/item/october-2017>

**Church, J.A.** Texas Center for Learning Disabilities. Education Research Matters: August, 2016. Review and summary of Friedman et al. 2016. <https://www.texasldcenter.org/education-research-matters/item/august-2016>

**Church, J.A.** "What You Can Do to Make Lasting, Meaningful Memories for the Holidays." Texas Perspectives. Fort Worth Star Telegram. Dec. 21/22, 2015. <https://news.utexas.edu/2015/12/22/op-ed-how-to-make-meaningful-memories-for-the-holidays>

**Church, J.A.** Texas Center for Learning Disabilities. Education Research Matters: July, 2015. Review and summary of Dehaene et al. 2015. <https://www.texasldcenter.org/education-research-matters/item/july-2015>

**Church, J.A.** Texas Center for Learning Disabilities. Education Research Matters: June, 2014. Review and summary of Vogel et al. 2014. <https://www.texasldcenter.org/education-research-matters/item/june-2014>

**Church, J.A.** Texas Center for Learning Disabilities. Education Research Matters: June, 2013. Review and summary of Kidd et al. 2013. <https://www.texasldcenter.org/education-research-matters/item/june-2013>

### **Press**

Interview for *NBCNews Better*: "How to be a better reader" by Sarah DiGuilio. *NBCNews*. December 12, 2018. <https://www.nbcnews.com/better/pop-culture/how-be-better-reader-ncna946166>

Interview for *NYTimes* op-ed: “If Tech Execs Act Like Spoiled Brats, Should We Spank Them?” by John Swartz. *New York Times*. July 14, 2017. <https://www.nytimes.com/2017/07/14/business/mutfund/if-tech-execs-act-like-spoiled-brats-should-we-spank-them.html>

Interview for *St. Louis Public Radio*: “Finding student success in the tree tops at Maplewood Richmond Heights” by Tim Lloyd. Dec. 14, 2015. <http://news.stlpublicradio.org/post/finding-student-success-tree-tops-maplewood-richmond-heights#stream/0>

Interview for *Inside Science*: “How Does a Young Brain Read?” by Chris Cesare. March 16, 2015. <https://www.insidescience.org/news/how-does-young-brain-read>

## Research Grants

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Fletcher, J.M. (overall PI). “Texas Center for Learning Disabilities.” NIH: NICHD. 2P50HD052117. Awarded. 2017-2022. Total funding ~ \$9,709,018. Role: Subcontract PI (Austin, TX) for Project 4: Multimodal Neuroimaging. Subcontract costs per year ~ \$110k + MRI scan charges

Booth, J.R. (PI). “Interactive Specialization of Language Impairment.” NIH: NIDCD. 5R01DC013274. Awarded. 2014-2019. Total funding: ~\$3,220,187. Role: Local PI (Austin, TX) 2017-2019. Subcontract costs per year ~ \$600k

Church-Lang, J.A. (PI). “Parent-child dyad studies of sleep and brain function in ADHD.” Brain & Behavior Research Foundation: NARSAD Young Investigator Grant. Awarded. 2017-2019. Total funding ~\$52,850.

Church-Lang, J.A., Tucker-Drob, E. (Multiple-PI). “Chronic Stress and Executive Function in Children: A Neuroimaging Study of Twins.” NIH: NICHD. 1R21HD081437. Awarded. 2015-2017. Total funding ~\$424,875.

Fletcher, J.M. (PI). “Texas Center for Learning Disabilities.” NIH: NICHD. P50HD052117. Awarded. 2011-2017. Total funding ~ \$10,512,357. Role: Subcontract PI (Austin, TX) for Project 4: Multimodal Neuroimaging. Subcontract costs per year ~ \$110k + MRI scan charges

Church-Lang, J.A. (PI). Faculty Travel Grant. The University of Texas at Austin. Yearly, 2013-present.

Church-Lang, J.A. (Postdoctoral Fellowship). “Medication-induced changes in brain function in children with Tourette syndrome”. NIH: NINDS. NRSA F32NS065649. Awarded. 2010-2012.

## Awards and Honors

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2012-present: Wayne Holtzman Regents Chair in Psychology Fellow  
 2016-2017: Department of Psychology nominee for Raymond Dickson Endowed Teaching Fellowship  
 2014, 2015: Department of Psychology nominee for Dads’ Assn. Cent. Teaching Fellowship  
 2014-2015: The Josefina Paredes Endowed Teaching Award for junior faculty  
 2013: UT Austin Nominee for the Microsoft Faculty Research Fellowship  
 2013: Summer Research Assignment (SRA), The University of Texas at Austin  
 2012-2013: UT Austin Nominee for the Pew Biomedical Research Fellowship  
 2010-2011: Burroughs-Wellcome Fund 2010 Travel Grant  
 2008-2009: Tourette Syndrome Association postdoctoral fellowship  
 2007: James L. O’Leary Prize for Excellence in Neuroscience finalist, Washington University  
 2002-2006: Spencer T. Olin Fellowship for Women, Washington University

*Updated: August 15, 2019*

2003-2005: Markey Pathway in Human Pathobiology Fellowship, Washington University  
 2004: Travel Award, Organization for Human Brain Mapping

### **Student/Mentee Funding & Awards**

2017-2020: Ford Foundation Predoctoral Fellowship to former lab manager, Joel Martinez  
 2015-2020: UT The Provost's Graduate Excellence Fellowship to grad student, Mary Abbe Roe  
 2017-2018: UT Graduate Continuing Fellowship to co-mentored graduate student, Laura Engelhardt  
 2017-2018: UT Liberal Arts: Dean's Distinguished Graduates Honorable Mention to undergraduate honors student, Emily Barnes  
 2017-2018: NSF GRF Honorable Mention to former lab manager, Annie Zheng  
 2016-2017: UT Graduate School Recruitment Fellowship to graduate student, Tehila Nugiel  
 2014-2017: NSF Graduate Research Fellowship to co-mentored graduate student, Laura Engelhardt  
 2015-2016: UT Undergraduate Research Fellowship to honors student, Alyssa Hernandez  
 2015-2016: UT Hibbs Undergraduate Research Award to honors student, Alyssa Hernandez

### **Presentations**

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#### ***Invited Talks***

*Texas Center for Learning Disabilities: Project 4 update.* Learning Disability Research Center annual meeting with NIH/NICHHD, Tallahassee, FL, Dec. 2019  
*Texas Center for Learning Disabilities: Project 4 update.* Learning Disability Research Center annual meeting with NIH/NICHHD, Houston, TX, Nov. 2018  
*Neuroimaging Studies of Control Engagement in Typical and Struggling Readers.* Dept. Psychology and Human Development, Vanderbilt University. Nashville, TN. Sept. 2018  
*Texas Center for Learning Disabilities: Project 4 update.* Learning Disability Research Center/Hub meeting, NICHHD, Washington D.C., Dec. 2017  
*Stability and Flexibility in the Development of Task Control.* Center for Vital Longevity, UT Dallas. Dallas, TX. April 2017  
*Reading Difficulties and Response to Intervention: A Neuroimaging Perspective.* Statewide Evaluation Conference supporting educators and school personnel (SWEP 2017). Invited Speaker. Dallas, TX. Feb. 2017  
*Preparatory Task Control Development.* Cognition & Cognitive Neuroscience Brownbag, Texas A&M. College Station, TX. Oct. 2016  
*Neuroimaging Insights into the Development of Task Control.* Austin Neuropsychological Society (ANS). Austin, TX. Jan. 2016  
*An fMRI Study of Sentence Reading and Response Inhibition in Pre- and Post-Intervention Struggling Readers.* NICHHD symposium at the International Dyslexia Association (IDA) Annual Meeting. Invited Speaker. Grapevine, TX. Oct. 2015  
*fMRI and behavioral explorations of preparatory task control in late childhood.* Invited speaker for the Neuroimaging Preconference at the Cognitive Development Society Biannual Meeting. Columbus, OH. Oct. 2015  
*Struggling readers before and after intervention.* Invited speaker at the Flux 3<sup>rd</sup> International Congress for Integrative Developmental Cognitive Neuroscience. Leiden, Netherlands. Sept. 2015  
*Texas Center for Learning Disabilities: Project 4 update.* Learning Disability Research Center/Hub meeting, NICHHD, Washington D.C., Aug. 2015  
*Preparatory Task Control Development.* Speaker at the Neurobiology brownbag talk series at UT San Antonio. San Antonio, TX. Feb. 2015  
*Texas Center for Learning Disabilities: Project 4 update.* Learning Disability Research Center/Hub meeting, NICHHD, Washington D.C., May 2014  
*Adaptive Task Control Signals in Typical Development.* Grand Rounds in Child Neurology, Dell Children's Hospital. Austin, TX. July 2013

***Invited Talks at The University of Texas at Austin or in greater Austin, TX***

- Post-talk panelist for UT Brainstorms: The Forgetful Brain. Austin, TX. Feb. 2019  
*Neuroimaging Studies of Control Engagement in Typical and Struggling Readers*. The Inaugural Collaborative Research Forum. UT College of Education and Austin Independent School District. Feb. 2019  
*The Developmental Cognitive Neuroscience Lab*. Student organization meeting: UT Science Undergraduates Research Group (SURGe). Austin, TX. Feb. 2018  
 Post-talk panelist for UT Brainstorms: The Eloquent Brain. Austin, TX. Oct. 2017  
*Reading Comprehension in the Child Brain: What's the Story?* Dialogues Seminar Series, The Institute for Neuroscience. Austin, TX. Oct. 2017  
 Post-play talk-back on women in science. *The Effect* by Lucy Prebble at Hyde Park Theater, Austin, TX. Jun. 2017  
*Stability and Flexibility in the development of task control*. Cognitive Science Area Meeting, Psychology Department. Austin, TX. May 2017  
*What's the DCN lab been up to?* Behavioral Neuroscience Area Meeting, Psychology Department. Austin, TX. Feb. 2016  
*Why don't kids come with an instruction manual? Tips from Child Developmental Research*. UT College of Liberal Arts Family Weekend. Austin, TX. Oct. 2015  
*The Developmental Cognitive Neuroscience Lab*. UT Texas Student Psychological Association Meeting. Austin, TX. March 2015  
*Preparatory Task Control Development*. Behavioral Neuroscience Area Meeting, Psychology Department. Austin, TX. Sept. 2014  
*Using neuroimaging to study task control in typical and atypical populations*. Clinical Psychology Area Meeting, Psychology Department. Austin, TX. Nov. 2013  
*Adaptive Task Control Signals in Typical Development*. Weekly Seminar Series, The Institute for Neuroscience. Austin, TX. Feb. 2013  
*Presentation on Presentations: Dazzle 'em tips*. Cognitive Psychology Area Meeting, Psychology Department. Austin, TX. Feb. 2013  
*Adaptive Task Control Signals in Typical Development*. Developmental Psychology Area Meeting, Psychology Department. Austin, TX. Oct. 2012

***Conference Talks and Symposia***

- Neuroimaging the Typical and Atypical Development of Reading Over Time*. **Symposium Discussant**. Society for the Scientific Studies of Reading, Brighton, UK. Jul. 2018  
*Neuroimaging of Factors that Influence Reading Development*. **Symposium Co-Chair and discussant**. Society for Research in Child Development, Austin, TX. Apr. 2017  
*Cognitive Control Networks in Context*. **Symposium Chair and discussant**. Society for Research in Child Development, Austin, TX. Apr. 2017  
*Control activity in children with Tourette syndrome during task switching*. 1<sup>st</sup> World Congress for Tourette Syndrome Association, London, UK. **Church J.A.**, Bunge S.A., Petersen S.E., Schlaggar B.L. Jun. 2015  
*Innovative methods increase sensitivity for detecting functional brain differences in Tourette syndrome*. 1<sup>st</sup> World Congress for Tourette Syndrome Association, London, UK. Greene D.J., **Church J.A.**, Dosenbach N.U.F., Adeyemo B., Gratton C., Laumann T., Nielson A., Shannon W., Petersen S.E., Black K.J., Schlaggar B.L. Jun. 2015

*Control networks in Tourette Syndrome*. Conference on Neurocognitive Development, Berkeley, CA. Jul. 2009

*Updated: August 15, 2019*



*A developmental fMRI study of reading and repetition reveals changes in phonological and visual mechanisms over age.* Society for the Scientific Study of Reading, Boston, MA. Jun. 2009

*Using functional connectivity MRI to study cognitive development: the abnormal structure of distinct task control networks in Tourette syndrome.* Society for Neuroscience, 37<sup>th</sup> Annual Meeting, San Diego, CA. Nov. 2007

Co-Talk with Peter de Villiers: *Reference to characters' mental states in the written narratives of deaf children – the contribution of English syntax and ASL skills.* Issues in Language and Deafness. Omaha, NE. Oct. 1999

Co-Talk with Peter de Villiers: *Reference to protagonists' mental states in the written narratives of deaf children: the contribution of English syntax and ASL skills.* Boston University Conference on Language Development, Boston, MA, Nov. 1999

### ***Mentee Conference Talks and Symposia (presenting author underlined)***

\* Graduate student advisee

\*\* Former or current lab member as research assistant or undergraduate

*Differences in control engagement during sentence reading are related to intervention response in struggling readers.* Nugiel, T.N.\*, Roe, M.A.\*, **Church, J.A.** Society for the Scientific Studies of Reading, Toronto, Canada. Jul. 2019

*Executive control engagement before and after intervention in struggling readers.* Roe, M.A.\*, **Church, J.A.** Society for the Scientific Studies of Reading, Brighton, UK. Jul. 2018

*Accounting for the shared environment in reading and math with measured socioecological contexts.* Engelhardt L.E.\*, **Church, J.A.**, Harden, K.P., Tucker-Drob, E. Society for the Scientific Studies of Reading, Brighton, UK. Jul. 2018

*The Relationship Between Ratings of Attention and the Neural Correlates of Sentence Comprehension in Struggling Readers.* Society for Research in Child Development, Austin, TX. Roe M.A.\*, Deschner L.\*\* , DeMaster D., Juranek J, **Church J.A.** Apr. 2017

*Task-control network activity over three control-demanding tasks in middle childhood.* Society for Research in Child Development, Austin, TX. Engelhardt L.E.\*, Harden K.P., Tucker-Drob E.M., **Church J.A.** Apr. 2017

*Manipulation of cue switching variables in children and adults.* Flux 2<sup>nd</sup> International Congress for Integrative Dev Cog Neuro, Los Angeles, CA. Bauer J-R.\*, Martinez J.E.\*\* , Roe M.A.\* , **Church J.A.** Sept. 2014

### ***Posters***

*We all make mistakes: Consistent error-related activity across children and adolescents.* Roe M.A.\* , Engelhardt L.E.\* , Nugiel T.N.\* , Mitchell M.E.\*\* , Juranek J., Harden K.P., Tucker-Drob E.M., **Church J.A.** The Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, in Mar. 2019

*Brain activity during a cognitive flexibility task relates to IQ and reading ability in children.* Mitchell, M.E.\*\* , Roe M.A.\* , Nugiel T.N.\* , **Church J.A.** The Cognitive Neuroscience Society Annual Meeting, San Francisco, CA, in Mar. 2019

- ADHD symptom burden has distinct relations to brain activity during different facets of executive function.* Nugiel T.N.\*, Roe M.A.\*, Engelhardt L.E.\*, Mitchell M.E.\*\* , **Church J.A.** The Society for Research in Child Development Annual Meeting, Baltimore, MD, in Mar. 2019
- Identifying twin pairs by classifying variability in whole-brain functional connectivity.* The Society for Neuroscience 48<sup>th</sup> Annual Meeting, San Diego, CA. Demeter D.V.\*, Engelhardt L.E.\*, Mallet, R., Roe M.A.\*, Nugiel T.N.\*, Mitchell M.E.\*\* ,Juranek J., Harden K.P., Tucker-Drob E.M., Lewis-Peacock J.A., **Church J.A.** Nov. 2018
- Functional connectivity indicates distinct developmental trajectories of motor function and inhibitory control in Tourette Syndrome.* The Society for Neuroscience 48<sup>th</sup> Annual Meeting, San Diego, CA. Nielsen A.N., **Church J.A.**, Gratton C., Dosenbach N.U.F., Petersen S.E., Black K.A., Schlaggar B.L., Greene D.J. Nov. 2018
- Data-driven subtyping of children with autism.* Roe M.A.\*, **Church J.A.** Texas Autism Research Conference, Austin, TX. Jun. 2018
- Task control network brain activity before intervention relates to future gains in struggling readers.* Society for Neuroscience 47<sup>th</sup> Annual Meeting, Washington, D.C. Nugiel T.\*, Roe M.A.\*, Taylor W.P., Fletcher J.M., Juranek J., **Church J.A.** Nov. 2017
- Overlapping regions of error-related activity across three tasks in children.* Flux 4<sup>th</sup> International Congress for Integrative Dev Cog Neuro, Portland, OR. Roe M.A.\*, Engelhardt L.E.\*, Juranek J., Harden K.P., Tucker-Drob E., **Church J.A.** Sept. 2017
- Common BOLD activity over three executive function tasks in middle childhood.* Flux 4<sup>th</sup> International Congress for Integrative Dev Cog Neuro, Portland, OR. Engelhardt L.E.\*, Harden K.P., Tucker-Drob E., **Church J.A.** Sept. 2017
- Neural markers for reading gains in children with reading difficulties.* Flux 4<sup>th</sup> International Congress for Integrative Dev Cog Neuro, Portland, OR. Nugiel T.\*, Roe M.A.\*, Taylor W.P., Fletcher J.M., Juranek J., **Church J.A.** Sept. 2017
- Externalizing behavior problems impact task performance across executive function domains in a developmental sample.* Flux 4<sup>th</sup> International Congress for Integrative Dev Cog Neuro, Portland, OR. Zheng A.\*\* , Mitchell M.\*\* , Wang T.\*\* , Larsen M.\*\* , **Church J.A.** Sept. 2017
- Cued task switching performance in children with and without ADHD.* Society for Research in Child Development, Austin, TX. Zheng A.\*\* , Hernandez A.M.\*\* , Bauer J-R.\*\* , Larsen M.E.\*\* , **Church J.A.** Apr. 2017
- Neural correlates of reading improvement in struggling readers.* Flux 3<sup>rd</sup> International Congress for Integrative Dev Cog Neuro, St. Louis, MO. Roe M.A.\* , Deschner L.\*\* , DeMaster D., Juranek J., **Church J.A.** Sept. 2016
- Eye movements relate to developmental differences in cued task switching performance.* Flux 3<sup>rd</sup> International Congress for Integrative Dev Cog Neuro, St. Louis, MO. Zheng A.\*\* , McBride J.\*\* , Martinez J.E.\*\* , Deschner L.\*\* , **Church J.A.** Sept. 2016
- Comparing child task performance in and out of the scanner.* Flux 3<sup>rd</sup> International Congress for Integrative Dev Cog Neuro, St. Louis, MO. Engelhardt L.E.\* , Harden K.P., Tucker-Drob, E.M., **Church J.A.** Sept. 2016
- Neural correlates of reading comprehension in struggling and typical readers.* Cognitive Neuroscience Society 23<sup>rd</sup> Annual Meeting, New York, NY. Roe M.A.\* , Deschner L.\*\* , Martinez J.\*\* , Mumford J., DeMaster D., Juranek J., **Church J.A.** Apr. 2016
- An eye-tracking investigation of cue and target processing in typical development.* Cognitive Neuroscience Society 23<sup>rd</sup> Annual Meeting, New York, NY. Zheng A.\*\* , McBride J.\*\* , Martinez J.E.\*\* , Deschner L.\*\* , **Church J.A.** Apr. 2016
- Reliability and heritability of children's head motion during fMRI tasks.* Cognitive Neuroscience Society 23<sup>rd</sup> Annual Meeting, New York, NY. Engelhardt L.E.\* , Harden K.P., Tucker-Drob, E.M., **Church J.A.** Apr. 2016
- Neural correlates of reading comprehension and stop-signal inhibition in struggling and typical readers.* Cognitive Development Society 9<sup>th</sup> Biennial Meeting, Columbus, OH. Roe M.A.\* , Martinez J.E.\*\* , Mumford

- J.A., DeMaster D.M., Juranek J.J., Olmedo L.A.\*\* , Poldrack R.A., Vaughn S.R., Fletcher J.M., **Church J.A.** Oct. 2015
- The impact of OCD and ADHD symptoms symptomatology on parenting stress in children with Tourette syndrome and in typically developing children.* Annual Meeting of the Child Neurology Society, Washington, D.C. Stewart S., Greene D.J., Lessov-Schlaggar C., **Church J.A.**, Bischoff A., Schlaggar B.L. June 2015
- The impact of OCD and ADHD symptoms symptomatology on parenting stress in children with Tourette syndrome and in typically developing children.* 1<sup>st</sup> World Congress for Tourette Syndrome Association, London, UK. Stewart S., Greene D.J., Lessov-Schlaggar C., **Church J.A.**, Bischoff A., Schlaggar B.L. Jun. 20
- Stop-signal inhibition in pre- and post-intervention struggling readers.* Society for Research in Child Development Biennial Meeting, Philadelphia, PA. Roe M.A.\* , Martinez J.E.\*\* , Mumford J.A., Juranek J.J., Olmedo L.A.\*\* , Podrack R.A., Vaughn S.R., Fletcher J.M., **Church J.A.** Mar. 2015
- Exploration of stimulus-level similarity effects in a cued task-switching paradigm.* Society for Research in Child Development Biennial Meeting, Philadelphia, PA. Martinez J.E.\*\* , Bauer J-R.\*\* , Roe M.A.\* , **Church J.A.** Mar. 2015
- Neural correlates of reading comprehension pre- and post-intervention in struggling readers.* Society for Neuroscience 44<sup>th</sup> Annual Meeting, Washington, D.C. Roe M.A.\* , Martinez J.E.\*\* , Mumford J.A., Juranek J.J., Olmedo L.A.\*\* , Poldrack R.A., Vaughn S.R., Fletcher J.M., **Church J.A.** Nov. 2014
- Manipulation of cue switching variables in children and adults.* Society for Neuroscience 44<sup>th</sup> Annual Meeting, Washington, D.C. Bauer J-R.\*\* , Martinez J.E.\*\* , Roe M.A.\* , **Church J.A.** Nov. 2014
- Classification of children with Tourette syndrome using resting state functional connectivity MRI.* Society for Neuroscience 44<sup>th</sup> Annual Meeting, Washington, D.C. Greene D.J., **Church J.A.**, Adeyemo B., Nardos B., Black K.J., Schlaggar B.L. Nov. 2014
- Classification of children with Tourette syndrome using resting state functional connectivity MRI.* Flux 2<sup>nd</sup> International Congress for Integrative Dev Cog Neuro, Los Angeles, CA. Greene DJ, **Church JA**, Adeyemo B, Nardos B, Black KJ, Schlaggar BL. Sept. 2014
- The unity and diversity framework of executive functions in childhood: A behavioral genetics approach.* Flux 2<sup>nd</sup> International Congress for Integrative Dev Cog Neuro, Los Angeles, CA. Engelhardt L.E.\* , Briley D.A., Mann F.D., **Church J.A.**, Harden K.P., Tucker-Drob E.M. Sept. 2014
- Task control exploration using a cue-target paradigm in children and adults.* Organization for Human Brain Mapping, Hamburg, Germany. **Church JA**, Bunge SA, Petersen SE, Schlaggar BL. Jun. 2014
- Separate cue and target processing in typical development.* Flux 1<sup>st</sup> International Congress for Integrative Dev Cog Neuro, Pittsburgh, PA. **Church JA**, Bunge SA, Petersen SE, Schlaggar BL. Sept. 2013
- Effects of high motion frames in task fMRI analysis.* Society for Neuroscience, 41<sup>st</sup> Annual Meeting, Washington D.C. Siegel J.S., Power J.D., Vogel A.C., **Church J.A.**, Schlaggar B.L., Petersen S.E. Nov. 2011
- Functional neuroanatomical separation of rule preparation and task implementation in adolescents.* Society for Neuroscience, 40<sup>th</sup> Annual Meeting, San Diego, CA. **Church JA**, Lepore RL, McAvoy M, Miezin F, Petersen SE, Bunge SA, Schlaggar BL. Nov. 2010
- Functionally defined regions across the brain organize into distinct community structures.* Society for Neuroscience, 39<sup>th</sup> Annual Meeting, Chicago, IL. Petersen SE, Power JD, Cohen AL, Nelson SM, Wig GS, Miezin FM, Vogel AC, **Church JA**, Schlaggar BL. Oct. 2009
- Development of network structure in reading related regions.* Society for Neuroscience, 39<sup>th</sup> Annual Meeting, Chicago, IL. Vogel A.C., **Church J.A.**, Power J., Cohen A., Miezin F.M., Schlaggar B.L., Petersen S.E. Oct. 2009
- Functional MRI analysis of control signals in adolescents with Tourette Syndrome.* Society for Neuroscience, 38<sup>th</sup> Annual Meeting, Washington, D.C. **Church J.A.**, Dosenbach N.U.F., Wenger K.K., Petersen S.E., Schlaggar B.L. Nov. 2008
- Functional connectivity of reading-related regions in adults.* Human Brain Mapping, 14<sup>th</sup> Annual Meeting, Melbourne, Australia. Vogel A., **Church J.A.**, Miezin F.M., Schlaggar B.L., Petersen S.E. Jul. 2008

- Development of task control networks.* Child Neurology Society, 36<sup>th</sup> Annual Meeting, Quebec City, Canada. Dosenbach NUF, Fair DA, **Church JA**, Cohen AL, Miezin FM, Raichle ME, Petersen SE, Schlaggar BL. Oct. 2007
- Regions showing developmental effects in reading studies show length and lexicality effects in adults.* Society for Neuroscience, 36<sup>th</sup> Annual Meeting, Atlanta, GA. **Church J.A.**, Petersen S.E., Schlaggar B.L. Nov. 2006
- An fMRI study comparing reading repetition in children and adults.* Human Brain Mapping, 10<sup>th</sup> Annual Meeting, Budapest, Hungary. **Church JA**, Lugar HM, Coalson RS, Petersen SE, Schlaggar BL. Jun. 2004
- Neural correlates of enhanced spatial cognition performance in men.* Capitol Hill, Undergraduate Research Posters, Washington, D.C. Jacobs E., Wraga M., Duncan L., **Church J.** Apr. 2004
- fMRI study of men's enhanced spatial cognition performance during stereotype threat.* Cognitive Neuroscience Society, San Francisco, CA. Wraga M., Jacobs E., Duncan L., **Church J.** Apr. 2004
- Event-related fMRI study of imaginal self and object rotations.* Cognitive Neuroscience Society, San Francisco, CA. Wraga M., **Church J.**, Badre D. Apr. 2002
- Novel Neurotrophin Enhancing Compound, KP66, Attenuates Behavioral Deficits in a Rodent Model of Huntington's Disease.* Society for Neuroscience (SFN), 31<sup>st</sup> Annual Meeting, San Diego, CA. Gates T.A., **Church J.**, Hancock C., DeCorte R., & Dunbar G.L. Nov. 2001
- Novel Neurotrophin Enhancing Compound, KP66, Attenuates Behavioral Deficits in a Rodent Model of Huntington's Disease.* SFN Michigan Chapter, Lansing, MI. Gates T.A., **Church J.**, Hancock C., DeCorte R., & Dunbar G.L. May 2001
- Painting the landscape of consciousness: theory of mind and narrative skills in oral deaf children.* Research in Child Language Disorders, Madison, WI. de Villiers, P, de Villiers, J, Friedman J, **Church, J**, Gutowski, A, & Shlasko, G. Jun. 2000

## **Academic Advising and Student-related Service**

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### ***Postdoctoral Researchers***

Yael Weiss, Ph.D., 2017-2019  
 - co-advised with James Booth (Vanderbilt)

### ***Doctoral Students under direct supervision***

Damion Demeter, Psychology, 2016-present  
 Tehila Nugiel, Psychology, 2016-present  
 Mary Abbe Roe, Psychology, 2015-present  
 Laura Engelhardt, Ph.D. in Psychology, 2018  
 - co-advised with Elliot Tucker-Drob, Psychology

### ***Master's Students under direct supervision***

Jessie-Raye Bauer, M.A. in Psychology, 2015

### ***Doctoral Dissertation Committees (as Member)***

Robert Molitor, Ph.D. in Cognitive Neuroscience Psychology, 2019  
 Alex Birdsill, Ph.D. in Clinical Psychology, 2019  
 Rachel Reetzke, Ph.D. in Communication Science & Disorders, 2018  
 Jessica Wise Younger, Ph.D. in Communication Science & Disorders, 2018  
 Colby Hall, Ph.D. in Special Education, 2016  
 Caitlin Clark, Ph.D. in Developmental Psychology, 2016  
 Maliki Ghossainy, Ph.D. in Developmental Psychology, 2015

Bolivar Jacquez, Ph.D. in Developmental Psychology, 2015  
Arianna Stefanatos, Ph.D. in Clinical Psychology, 2015  
Margaret Schlichting, Ph.D. in Cognitive Neuroscience Psychology, 2015  
Yamanda Wright, Ph.D. in Developmental Psychology, 2014

***Master's Committees (as Member)***

Melanie Netter, M.A. in Developmental Psychology, current  
Joseph O'Brien, M.A. in Developmental Psychology, 2017  
Nicholas Griffin, M.A. in Cognitive Neuroscience Psychology, 2017

***Qualifying Paper Committees (as Member)***

Nicholas Griffin, Cognitive Neuroscience area of Psychology, 2<sup>nd</sup> reader, 2016  
Caitlin Clark, Developmental area of Psychology, 2<sup>nd</sup> reader, 2015  
Maliki Ghossainy, Developmental area of Psychology, 2<sup>nd</sup> reader, 2014

**Undergraduate Student Mentoring**

***Honors Thesis or Capstone Advising***

Nikita Batra, Health Science Scholars, 2018-2019  
Emily Barnes, Plan II, Psychology, 2017-2018  
Alyssa Hernandez, Psychology, 2015-2016  
Suwetha Amsavelu, Plan II 2<sup>nd</sup> reader, 2013-2014

***Research Poster Advisor***

Delayna Bradshaw and Marie Vu, CNS Undergraduate Research Forum Poster, April 2018  
Tiffany Wang, Longhorn Research Bazaar Poster, April 2018  
Mackenzie Mitchell, Longhorn Research Bazaar Poster, April 2017

***Bridging Disciplines Advisor***

Naqsh Ali, Fall 2018  
Madison Tuazon, summer 2017  
Kendall Coffey, spring 2016  
Rawand Abdelghani, 2015-2016  
Kevin Helgren, spring 2015

***Intellectual Entrepreneurship (IE) Program Supervisor***

Lea Ann Thomas, 2016-2017  
Alyssa Hernandez, spring 2015

***Other Supervised Lab Members (with current placement)***

Annie Zheng, *former full-time lab manager*, Washington University doctoral program in Neuroscience  
Joel Martinez, *former full-time lab manager*, Princeton University doctoral program in Psychology  
Jessica Graves, *former paid research assistant*, University of Pittsburgh master's program in Statistics  
Rawand Abdelghani, *former undergraduate researcher*, UT Austin, master's program in Social Work  
Lauren Deschner, *former undergraduate researcher*, medical student at UT Health Science Center (UTHSC) at San Antonio  
Lea Ann Thomas, *former undergraduate researcher*, research assistant at the Children's Learning Institute, UTHSC at Houston

**Administrative and Professional Service**

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**Departmental Service**

Graduate Program Advisory Committee, 2019  
"Tenure" discussion panel member, 2019

“Academic careers” discussion panel member, 2018  
 “Starting a lab” discussion panel member, 2018  
 Search committee for Cognitive Neuroscience Professor, 2016, 2017, 2018  
 Search committee for IRC Research Assistant Professor, 2014, 2015  
 Mini Maker Faire, Children’s Research Center booth, 2014, 2015  
 Synchronous Massive Online Course (SMOC) committee, Psychology Department, Spring 2013

### **University and Local Service**

Longhorn Research Poster Session Judge, 2019  
 Imaging Research Center/Biomedical Imaging Center executive committee, 2014-present  
 Neuroimaging pilot proposal grant committee, 2013-present  
 Tenure and Promotion Panel, April 2019  
 40 Hours for the 40 Acres Ambassador, 2018  
 INS Bootcamp faculty talks, 2014, 2015, 2018  
 40 Hours for the Forty Acres Ambassador, 2018  
 Liberal Arts Undergraduate Chapter for Research (LAUNCH) Taco’bout Research day, 2018, 2019  
 Institute for Neuroscience (INS) admissions committee, 2015-2018  
 Explore UT and Longhorn Halloween science outreach booths, 2013-2016  
 IRC talk series co-coordinator, 2013-2015, spring 2016

### **Guest Lectures:**

*Studying the child brain.* In BDP101 (Echols), Spring 2019  
*Neuroimaging methods for studying development.* In PSY341K (Medrano), Fall 2018  
*Reading in the child’s brain: what’s the story?* In SED 396C (Toste), Spring 2018  
*Cognitive Control Networks.* In CGS360/LIN373/PHL365 (van der Feest), Spring 2017 & 2018  
*The reading brain.* In PSY 341K (Griffin), Spring 2018  
*Developmental Cognitive Neuroscience.* In PSY 341K (Preston), Spring 2014 & 2015  
*Approaches for the study of cognitive development;* PSY 387R (Schnyer), Spring 2013, 2014, 2015 & 2017  
*Development of task and self-control.* PSY 387R (Schnyer), Spring 2013, 2014, 2015 & 2017

### **Professional Service**

Consulting Editorial Board Member: *Child Development*, Aug. 2019-present  
 Consulting Editorial Board Member: *Developmental Psychology*, Jan. 2018-present  
 Review Editor, *Frontiers: Brain Imaging Methods*, Jan. 2015-2019  
 NSF reviewer, Cognitive Neuroscience Program, 2019  
 Grant peer reviewer for Israeli Science Foundation (ISF), Apr. 2019  
 Grant peer reviewer for The Netherlands Organization for Scientific Research (NWO), Apr. 2019  
 Society for Research in Child Development (SRCD) conference abstract reviewer, 2014, 2016, 2018  
 NSF ad-hoc reviewer, Developmental Sciences Program, Mar. 2018  
 Texas Education Association (TEA) Educator Standards Advisory Committee EC (PK-3<sup>rd</sup>), 2017  
     Science of Teaching Reading subcommittee (incl. writing standards)  
 NIH Temporary study section Cognition/Perception (CP) reviewer, Feb. 2017  
 NIH Temporary special study section reviewer, Feb. 2017  
 NSF Graduate Research Fellowship Program (GRFP) reviewer, Jan. 2015

### **Peer Reviewer (ad hoc since 2008)**

*Acta Paediatrica, American Journal of Psychiatry, American Journal of Speech-Language Pathology, Australian Journal of Psychology, Behavior Research Methods, Biological Psychiatry, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Brain, Brain & Language, Brain Structure & Function, Cerebral Cortex, Child Development, Cognitive Psychology, Comprehensive Psychiatry, Cortex, Current Opinion in Behavioral Sciences, Developmental Cognitive Neuroscience, Developmental Psychobiology, Developmental Psychology, Developmental Science, European Journal of*  
*Updated: August 15, 2019*

*Neuroscience, Journal of Experimental Psychology: General, Frontiers in Human Neuroscience, Frontiers in Neuroscience: Brain Imaging Methods, Frontiers: Psychiatry, Frontiers: Psychology, Human Brain Mapping, International Journal of Developmental Neuroscience, Mind Brain and Education, Nature Communications, NeuroImage, Journal of Neurological Sciences, Neuropsychologia, Journal of Neuropsychology, Journal of Neuroscience, Journal of Obsessive-Compulsive and Related Disorders, Journal of Pediatrics, PLOSone, Progress in Neuro-Psychopharmacology & Biological Psychiatry, Psychological Bulletin, Psychological Medicine, Royal Society Proceedings B: Biological Sciences, Social Cognitive & Affective Neuroscience*

### **Professional Memberships**

Society for the Scientific Studies of Reading, 2009, 2017-present  
Flux: The Society for Developmental Cognitive Neuroscience, 2013-present  
Society for Research in Child Development, 2014-present  
Society for Neuroscience, 2006-present  
Organization for Human Brain Mapping, 2004, 2013-present  
Cognitive Neuroscience Society, 2015-2016

### **Additional Educational Training**

Title IX supervisor training. UT Title IX office, UT, 2019  
Ally Training. *Affirming LGBTQA+ People: Interpersonal Allyship parts I and II*. Gender and Sexuality Center, UT, 2018  
“Modeling Developmental Change” pre-Flux Congress workshop, Portland, Oregon, September, 2017  
“The John Merck Fund Summer Institute on the Biology of Developmental Disabilities” at Princeton University, Summer Institute Fellowship, 2006

### **Teaching Experience**

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<i>Graduate:</i>	2016-2018 (Spring) PSY 383E “Area Seminar in Cognitive Neuroscience” 2016, 2019 (Spring) PSY 387S “Principles of Cognitive Neuroscience” 2015, 2017 (Fall) PSY 394S “Current topics in Developmental Psychology” 2015 (Spring) PSY 394S “Studying the Growing Brain: The latest findings in developmental cognitive neuroscience” 2006 (Fall) BIO 5565, “Oral Presentation of Scientific Data”
<i>Undergraduate:</i>	2018-2019 (Fall), PSY 333D “Developmental Psychology” 2013, 2014, 2016, 2019 (Fall) PSY 339, “Behavioral Problems in Children” 2012, 2013, 2014 PSY 304, “Intro to Child Psychology”