

**CURRICULUM VITAE**  
**SHAWN E. CHRIST**

Department of Psychological Sciences  
210 McAlester Hall  
University of Missouri-Columbia  
Columbia, Missouri 65211  
E-mail: christse@missouri.edu

**EDUCATION**

- 1992-1996      **Bachelor of Arts in Psychology and Economics**  
Minor in Business Administration  
Washington University, St. Louis, Missouri
- 1998-2000      **Masters of Arts in Psychology**  
Thesis: *Inhibitory control across the lifespan*  
Committee Chairs: Desirée White, Ph.D., & Richard Abrams, Ph.D.  
Washington University, St. Louis, Missouri
- 2000-2004      **Ph.D. in Psychology**  
Dissertation: *Inhibitory control in children with prefrontal dysfunction related to phenylketonuria (PKU)*  
Committee Chairs: Desirée White, Ph.D., & Richard Abrams, Ph.D.  
Washington University, St. Louis, Missouri
- 2004-2006      **Postdoctoral Research Fellowship**  
Primary Project: *Using fMRI to elucidate the neural correlates of deception*  
Supervisor: Kathleen McDermott, Ph.D.  
Washington University, St. Louis, Missouri

**ACADEMIC POSITIONS**

- 2005-2006      **Lecturer**  
Department of Psychology  
Washington University, St. Louis, Missouri
- 2006-2012      **Assistant Professor**  
Department of Psychological Sciences  
University of Missouri, Columbia, Missouri
- 2007-present   **Adjunct Faculty**  
Thompson Center for Autism and Neurodevelopmental Disorders  
University of Missouri, Columbia, Missouri
- 2007-present   **Affiliated Faculty**  
Interdisciplinary Neuroscience Program  
University of Missouri, Columbia, Missouri

- 2010-2015     **Associate Director**  
Brain Imaging Center  
University of Missouri, Columbia, Missouri
- 2015-2020     **Director**  
Brain Imaging Center  
University of Missouri, Columbia, Missouri
- 2012-present   **Associate Professor**  
Department of Psychological Sciences  
University of Missouri, Columbia, Missouri
- 2020-present   **MRI Director**  
Cognitive Neuroscience Systems (CNS) Core Facility  
University of Missouri, Columbia, Missouri

## **HONORS AND AWARDS**

- 1995           Sigma Xi Foundation Grants-In-Aid of Research Grant
- 1996           *Summa Cum Laude* Honors Graduate of Washington University
- 1998-1999     Washington University Fellowship for Graduate Training
- 1999           American Psychological Foundation/Council of Graduate Departments of Psychology Graduate Research Scholarship
- 1999           National Science Foundation Fellowship Award, Honorable Mention
- 2002           APA Science Directorate Dissertation Award
- 2003           Washington University Dean's Dissertation Fellowship
- 2006           John Merck Fund Summer Institute on the Biology of Developmental Disabilities Attendee
- 2008           University of Missouri Department of Psychological Sciences Max Meyer Outstanding Junior Faculty Research Award
- 2011           University of Missouri Provost Outstanding Junior Faculty Research and Creative Activity Award

## **CURRENT AFFILIATIONS**

- 2006-present   International Neuropsychological Society
- 2008-present   Society for Neuroscience
- 2008-present   International Society for Autism Research
- 2013-present   Society for Inherited Metabolic Disorders

**PEER-REVIEWED PUBLICATIONS**

- [1] **Christ, S. E.**, White, D. A., Mandernach, T., & Keys, B. A. (2001). Inhibitory control across the lifespan. *Developmental Neuropsychology*, 20(3), 653-669.
- [2] **Christ, S. E.**, McCrae, C. S., & Abrams, R. A. (2002). Inhibition of return in static and dynamic displays. *Psychonomic Bulletin & Review*, 9, 80-85.
- [3] Abrams, R. A., & **Christ, S. E.** (2003). Motion onset captures attention. *Psychological Science*, 14, 427-432.
- [4] Brandling-Bennett, E. M., White, D. A., Armstrong, M. M., **Christ, S. E.**, & DeBaun, M. (2003). Patterns of verbal long-term and working memory performance reveal deficits in strategic processing in children with frontal infarcts related to sickle cell disease. *Developmental Neuropsychology*, 24, 423-434.
- [5] **Christ, S. E.** (2003). Asbjørn Følling and the discovery of phenylketonuria. *Journal of the History of the Neurosciences*, 12, 44-54.
- [6] **Christ, S. E.**, White, D. A., Brunstrom, J. E., & Abrams, R. A. (2003). Inhibitory control following perinatal brain injury. *Neuropsychology*, 17, 171-178.
- [7] Finger, S., & **Christ, S. E.** (2004). Pearl S. Buck and phenylketonuria (PKU). *Journal of the History of the Neurosciences*, 13, 44-57.
- [8] Abrams, R. A., & **Christ, S. E.** (2005). Onset but not offset of irrelevant motion disrupts inhibition of return. *Perception & Psychophysics*, 67, 1460-1467.
- [9] Abrams, R. A., & **Christ, S. E.** (2005). The onset of receding motion captures attention: Comment on Franconeri & Simons (2003). *Perception & Psychophysics*, 67, 219-223.
- [10] White, D. A., & **Christ, S. E.** (2005). Executive control of learning and memory in children with bilateral spastic cerebral palsy. *Journal of the International Neuropsychological Society*, 11, 920-924.
- [11] Abrams, R. A., & **Christ, S. E.** (2006). Motion onset captures attention: A rejoinder to Franconeri & Simons (2005). *Perception & Psychophysics*, 68, 114-117.
- [12] **Christ, S. E.**, & Abrams, R. A. (2006). Abrupt onsets cannot be ignored. *Psychonomic Bulletin & Review*, 13, 875-880.
- [13] **Christ, S. E.**, & Abrams, R. A. (2006). Just like new: Newly segregated old objects capture attention. *Perception & Psychophysics*, 68, 301-309.
- [14] **Christ, S. E.**, Steiner, R. D., Grange, D. K., Abrams, R. A., & White, D. A. (2006). Inhibitory control in children with phenylketonuria. *Developmental Neuropsychology*, 30, 845-864.
- [15] McCauley, T., Yap, M., **Christ, S. E.**, & White, D. A. (2006). Revisiting inhibitory control across the life span: Insights from the ex-gaussian distribution. *Developmental Neuropsychology*, 29, 447-458.

- [16] **Christ, S. E.**, Holt, D., White, D. A., & Green, L. (2007). Inhibitory control in children with autism spectrum disorder. *Journal of Autism & Developmental Disorders*, *37*, 1155-1165.
- [17] **Christ, S. E.**, Moinuddin, A., McKinstry, R. C., DeBaun, M., & White, D. A. (2007). Inhibitory control in children with frontal infarcts related to sickle cell disease. *Child Neuropsychology*, *13*, 132-141.
- [18] **Christ, S. E.** & Abrams, R. A. (2008). The attentional influence of new objects and new motion. *Journal of Vision*, *8*(3):27, 1-8.
- [19] **Christ, S. E.**, Abrams, R. A., & Castel, A. (2008). The capture of attention by new motion in young and older adults. *Journal of Gerontology: Psychological Sciences*, *63*, 110-116.
- [20] Araujo, G., **Christ, S. E.**, Steiner, R. D., Grange, D. K., Nardos, B., McKinstry, R. C., & White, D. A. (2009). Response monitoring in children with phenylketonuria. *Neuropsychology*, *23*, 130-134.
- [21] **Christ, S. E.**, Van Essen, D. C., Watson, J. M., Brubaker, L., & McDermott, K. B. (2009). The Contributions of Prefrontal Cortex and Executive Control to Deception: Evidence from Activation Likelihood Estimate Meta-Analyses. *Cerebral Cortex*, *19*, 1557-1566.
- [22] He, Q., **Christ, S.E.**, Karsch, K., Moffitt, A. J., Peck, D., & Duan, Y. (2009). Detecting 3D corpus callosum abnormalities in phenylketonuria. *International Journal of Computational Biology and Drug Design*, *2*, 289-301.
- [23] Kanne, S. M., **Christ S. E.**, & Reiersen, A. M. (2009). Psychiatric Symptoms and Psychosocial Difficulties in Young Adults with Autistic Traits. *Journal of Autism & Developmental Disorders*, *39*, 827-833.
- [24] McDermott, K. B., Szpunar, K. K., & **Christ, S. E.** (2009). Laboratory-based and autobiographical retrieval tasks differ substantially in their neural substrates. *Neuropsychologia*, *47*, 2290-2298.
- [25] **Christ, S. E.**, Huijbregts, S. C. J., de Sonnevile, L. M. J., & White, D. A. (2010). Executive function in early-treated phenylketonuria: Profile and underlying mechanisms. *Molecular Genetics & Metabolism*, *99*, S22-32.
- [26] **Christ, S. E.**, Moffitt, A. J., & Peck, D. (2010). Disruption of prefrontal function and connectivity in individuals with phenylketonuria. *Molecular Genetics & Metabolism*, *99*, S33-40.
- [27] **Christ, S. E.**, Kanne, S. M., & Reiersen, A. (2010). Executive function in individuals with sub-threshold autism traits. *Neuropsychology*, *24*, 590-598.
- [28] Beversdorf, D. Q., Saklayen, S., Higgins, K. F., Narayanan, A., Bodner, K. E., Kanne, S. M., & **Christ, S. E.** (2011). Effect of propranolol on word fluency in autism spectrum disorder. *Cognitive and Behavioral Neurology*, *24*, 11-17.

- [29] **Christ, S. E.**, Kester, L. E., Bodner, K., & Miles, J. (2011). Evidence for selective inhibitory impairment in individuals with autism spectrum disorder. *Neuropsychology*, *25*, 690-701.
- [30] Cowan, N., Li, D., Moffitt, A., Becker, T. M., Martin, E. A., Sauls, J. S., & **Christ, S. E.** (2011). A neural region of abstract working memory. *Journal of Cognitive Neuroscience*, *23*, 2852-2863.
- [31] McAuley, T., **Christ, S. E.**, & White, D. A. (2011). Mapping the development of response inhibition in young children using a modified day-night task. *Developmental Neuropsychology*, *36*, 539-551.
- [32] Bodner, K. E., Aldridge, K., Moffitt, A. J., Peck, D., White, D. A., & **Christ, S. E.** (2012). A volumetric study of basal ganglia structures in individuals with early-treated phenylketonuria. *Molecular Genetics & Metabolism*, *107*, 302-307.
- [33] Bodner, K. E., Beversdorf, D. Q., Saklayen, S. S., & **Christ, S. E.** (2012). Noradrenergic moderation of working memory impairments in adults with autism spectrum disorder. *Journal of the International Neuropsychological Society*, *18*, 556-564.
- [34] **Christ, S.E.**, Moffit, A.J., Peck, D., & White, D.A. (2012). Decreased Functional Brain Connectivity in Individuals with Early-Treated Phenylketonuria: Evidence from Resting State fMRI Data. *Journal of Inherited Metabolic Disease*, *35*, 807-816.
- [35] Johnstone, B., Bodling, A., Cohen, D., **Christ, S. E.**, & Wegrzyn, A. (2012). Right parietal lobe-related “selflessness” as the neuropsychological basis of spiritual transcendence. *International Journal for the Psychology of Religion*, *22*, 267-284.
- [36] Kanne, S. M., Wang, J. L., & **Christ, S. E.** (2012). The Subthreshold Autism Trait Questionnaire (SATQ): Development of a brief self-report measure of subthreshold autism traits. *Journal of Autism & Developmental Disabilities*, *42*, 769-780.
- [37] Antenor-Dorsey, J., Hershey, T., Rutlin, J., Shimony, J. S, Robert McKinstry, R., Grange, D. K., **Christ, S. E.**, and White, D. A. (2013). White matter integrity and executive abilities in individuals with phenylketonuria. *Molecular Genetics & Metabolism*, *109*, 125-131.
- [38] Araujo, G. C., **Christ, S. E.**, Grange, D. K., Steiner, R. D., Coleman, C., Timmerman, E., & White, D. A. (2013). Executive response monitoring and inhibitory control in children with phenylketonuria: Effects of expectancy. *Developmental Neuropsychology*, *38*, 139-152.
- [39] **Christ, S. E.**, Moffit, A. J., Peck, D. & White, D. A. (2013). The Effects of Tetrahydrobiopterin (BH<sub>4</sub>) Treatment on Brain Function in Individuals with Phenylketonuria. *NeuroImage: Clinical*, *3*, 539-547.
- [40] Daluwatte, C., Miles, J. H., **Christ, S. E.**, Beversdorf, D. Q., Takahashi, T. N., & Yao, G. (2013). Atypical pupillary light reflex and heart rate variability in children with autism spectrum disorder. *Journal of Autism & Developmental Disorders*, *43*, 1910-1925.
- [41] White, D. A., Antenor-Dorsey, J. V., Grange, D. K., Hershey, T., Rutlin, J., Shimony, J. S., McKinstry, R. C., & **Christ, S. E.** (2013). White matter integrity and executive abilities

- following treatment with tetrahydrobiopterin (BH<sub>4</sub>) in individuals with phenylketonuria. *Molecular Genetics & Metabolism*, *110*, 213-217.
- [42] Hood, A., Grange, D. K., **Christ, S. E.**, Steiner, R., & White, D. A. (2014). Variability in phenylalanine control predicts IQ and executive abilities in children with phenylketonuria. *Molecular Genetics & Metabolism*, *111*, 445-451.
- [43] Peng, H., Peck, D., White, D. A., & **Christ, S. E.** (2014). Tract-based evaluation of white matter damage in individuals with early-treated phenylketonuria. *Journal of Inherited Metabolic Disease*, *37*, 237-243.
- [44] Zamzow, R. M., **Christ, S. E.**, Saklayen, S. S., Moffitt, A. J., Bodner, K. E., Higgins, K. F., & Beversdorf, D. Q. (2014). Effect of propranolol on facial processing in autism spectrum disorder. *Journal of Clinical and Experimental Neuropsychology*, *36*, 431-445.
- [45] Li, D., **Christ, S. E.**, & Cowan, N. (2014). Domain-general and domain-specific neural networks in working memory. *NeuroImage*, *102*, 646-656.
- [46] Hood, A., Antenor-Dorsey, J. V., Rutlin, J., Hershey, T., Shimony, J. S., McKinstry, R. C., Grange, D. K., **Christ, S. E.**, Steiner, R., & White, D. A. (2015). Prolonged exposure to high and variable phenylalanine levels over the lifetime predicts brain white matter integrity in children with phenylketonuria. *Molecular Genetics and Metabolism*, *114*, 19-24.
- [47] Johnstone, B., Cohen, D., Bryant, K. R., Glass, B., & **Christ, S. E.** (2015). Functional and structural indices of empathy: Evidence of self-orientation as a neuropsychological foundation of empathy. *Neuropsychology*, *29*, 463-472.
- [48] **Christ, S. E.**, Price, M. H., Bodner, K. E., Saville, C., Moffitt, A. J., & Peck, D. (2016). Morphometric analysis of gray matter integrity in individuals with early-treated phenylketonuria. *Molecular Genetics and Metabolism*, *118*, 3-8.
- [49] Stichter, J.P., **Christ, S. E.**, Herzog, M. J., O'Connor, K. A., & O'Donnell, R. M. (2016). Exploring the role of executive functioning measures for social competence research. *Assessment for Effective Intervention*, *41*, 243-254.
- [50] Hawks, Z., Shimony, J., Rutlin, J., Grange, D. K., **Christ, S. E.**, & White, D. A. (2017). Pretreatment cognitive and neural differences in individuals with phenylketonuria distinguish sapropterin dihydrochloride responders from non-responders. *Molecular Genetics & Metabolism Reports*, *12*, 8-13.
- [51] **Christ, S. E.**, Stichter, J. P., O'Connor, K. V., Bodner, K., Moffitt, A. J., & Herzog, M. J. (2017). Social skills intervention participation and associated improvements in executive function performance. *Autism Treatment & Research*, *2017*, 1-13.
- [52] Hegarty, J. P., Ferguson, B. J., Zamzow, R. M., Rohowetz, L. J., Johnson, J. D., **Christ, S. E.**, Beversdorf, D. Q. (2017). Beta-adrenergic antagonism affects functional connectivity and

modulates default mode network coherence in autism spectrum disorder. *Brain Imaging and Behavior*, 11, 1278-1289.

- [53] Boland, K. M., Stichter, J. P., Beversdorf, D. Q., & **Christ, S. E.** (2019). Flanker visual filtering ability in older adolescents with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 49, 422-428.
- [54] Bodner, K. E., Cowan, N., & **Christ, S. E.** (2019). Contributions of filtering and attentional allocation to working memory performance in individuals with autism spectrum disorder. *Journal of Abnormal Psychology*, 128, 881-891.
- [55] **Christ, S. E.**, Clocksin, H. E., Burton, B. K., Grant, M. L., Waisbren, S., Paulin, M-C., Bilder, D. A., White, D. A., Saville, C. (2020). Executive Function in Phenylketonuria (PKU): Insights from the Behavior Rating Inventory of Executive Function (BRIEF) and a Large Sample of Individuals with PKU. *Neuropsychology*, 34, 456-466.
- [56] Hegarty, J. P., Zamzow, R. M., Ferguson, B. J., **Christ, S. E.**, Porges, E. C., Johnson, J. D., and Beversdorf, D. Q. (2020). Beta-adrenergic antagonism alters functional connectivity during associative processing in a preliminary study of individuals with and without autism. *Autism*, 24, 795-801.
- [57] Nair, N., Hegarty, J. P., Ferguson, B. J., Hecht, P. M., Tilley, M., **Christ, S. E.**, & Beversdorf, D. Q. (2020). Effects of stress on functional connectivity during problem solving. *NeuroImage*, 208, 116407.
- [58] Nair, N., Hegarty, J. P., Ferguson, B. J., Hooshmand, S. J., Hecht, P. M., Tilley, M., **Christ, S. E.**, and Beversdorf, D. Q. (in press). Effects of stress on functional connectivity during verbal processing. *Brain Imaging and Behavior*.
- [59] Koppes, E. A., Redel, B., Johnson, M. A., Skvorak, K., Ghaloul-Gonzalez, L., Yates, M., Lewis, D., Gollin, S., Wu, Y. L., **Christ, S. E.**, Yerle, M., Leshinski, A., Spate, L., Benne, J., Murphy, S., Samuel, M., Walters, E., Hansen, S., Wells, K., Lichter-Konecki, U., Wagner R., Newsome, J., Dobrowolski, S., Vockley, J., Prather, R., & Nicholls, R. (in press). A porcine model of phenylketonuria generated by CRISPR/Cas9 genome editing. *JCI Insight*.
- [60] Aldridge, K., Cole, K. K., Moffitt, A. J., Peck, D., White, D. A., & **Christ, S. E.** (in press). The effects of early-treated phenylketonuria on volumetric measure of the cerebellum. *Molecular Genetics & Metabolism Reports*.

## INVITED PUBLICATIONS

**Christ, S. E.** (2005). Inhibitory control. In N. J. Salkind (Ed.), *The encyclopedia of human development*. Thousand Oaks, CA: Sage Publications.

**Christ, S. E.**, & Finger, S. (2006). Retardation in the family: Pearl S. Buck and phenylketonuria. In N. Blau (Ed.), *PKU and BH4: Advances in phenylketonuria and tetrahydrobiopterin research* (pp. 35-49). Helibronn, Germany: SPS Publishing.

- Christ, S. E.** (2010). Phenylketonuria. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology and behavioral science, 4<sup>th</sup> edition*. New York: John Wiley & Sons.
- Christ, S. E.** (2011). Phenylketonuria. In J. S. Kreutzer, J. DeLuca, & B. Caplan (Eds.), *Encyclopedia of clinical neuropsychology*. New York: Springer.
- Li, D., **Christ, S. E.**, Johnson, J. D., & Cowan, N. (2015). Attention and Memory. In A.W. Toga (Ed.), *Brain Mapping: An Encyclopedic Reference* (vol. 3, pp. 275-279). Academic Press: Elsevier.

### **MANUSCRIPTS SUBMITTED FOR PUBLICATION**

- Boland, K. M., and **Christ, S. E.** (under review). Examining perceptual load capacity in autism spectrum disorders and trait anxiety. *Submitted to Journal of Abnormal Psychology*.

### **CONFERENCE PRESENTATIONS (PEER-REVIEWED)**

- Christ, S.**, White, D., & Heffelfinger, A. (1997). *Short-term recognition memory in young children with neurodevelopmental disorders: Prenatal cocaine exposure, phenylketonuria, and cerebral palsy*. Poster presented at International Neuropsychological Society meeting.
- Abrams, R., **Christ, S.**, & Smith, C. (1999). *Object- and location-based inhibition of return in static and dynamic scenes*. Paper presented at Psychonomic Society meeting.
- Christ, S.**, White, D., Brunstrom, J., & Abrams, R. (2000). *Inhibitory control in children with cerebral palsy*. Paper presented at International Neuropsychological Society meeting.
- White, D., **Christ, S.**, Mandernach, T., Keys, B., & Nortz, M. (2000). *Changes in inhibitory control across the life-span*. Poster presented at International Neuropsychological Society meeting.
- Christ, S.**, White, D., Brunstrom, J., & Abrams, R. (2001). *Memory and executive control in children with spastic diplegic cerebral palsy*. Paper presented at International Neuropsychological Society meeting.
- Brandling-Bennett, E., White, D., **Christ, S.**, & Armstrong, M. (2002). *Learning and memory in children with frontal stroke related to sickle cell disease*. Poster presented at International Neuropsychological Society meeting.
- Christ, S.**, & Abrams, R. (2002). *Motion onset captures attention*. Paper presented at Psychonomic Society meeting.
- Christ, S.**, White, D., & DeBaun, M. (2002). *Inhibitory control in children with sickle cell disease*. Poster presented at International Neuropsychological meeting.
- Christ, S.**, Holt, D., White, D., & Green, L. (2003). *Inhibitory abilities in children with autism*. Poster presented at International Neuropsychological Society meeting.



- Abrams, R. & **Christ, S.** (2004). *Automatic capture of attention by the onset of motion*. Poster presented at Vision Sciences Society meeting.
- McCauley, T., Yap, M., **Christ, S.**, & White, D. (2004). *Age-related changes in inhibitory control across the life span*. Poster presented at International Neuropsychological Society meeting.
- Christ, S.**, Steiner, R., Grange, D., Abrams, R., & White, D. (2006). *Inhibitory control in children with prefrontal dysfunction related to phenylketonuria*. Paper presented at International Neuropsychological Society meeting.
- Christ, S.**, & Abrams, R. (2006). *New objects and new motion*. Poster presented at Psychonomic Society meeting.
- Christ, S.** (2007). *It's alive! A possible link between new motion and behavioral urgency*. Poster presented at Psychonomic Society meeting.
- Christ, S.**, Steiner, R., Grange, D., & White, D. (2007). *Relationship between Blood Phenylalanine Levels and N-back Working Memory Performance in Children with Phenylketonuria*. Poster presented at International Neuropsychological Society meeting.
- Perantie, D. C., Lim, A., Wu, J., Weaver, P., Warren, S. L., Hayden, T., **Christ, S. E.**, Sadler, M., White, N. H., & Hershey, T. (2007). *Severe hypoglycemia vs. hyperglycemia: Unique effects on cognition in children and adolescents with T1DM*. Poster presented at the American Diabetes Association Scientific Sessions.
- Kanne, S., & **Christ S.** (2008) *Psychosocial difficulties in young adults with autistic traits*. Poster presented at International Meeting for Autism Research.
- Brubaker, L., **Christ, S.**, & Miles, J. (2009). *Evidence for selective inhibitory impairment in individuals with autism spectrum disorder*. Poster presented at International Neuropsychological Society meeting.
- Christ, S.**, Moffitt, A., & Peck, D. (2009). *Disrupted functional connectivity during working memory performance in individuals with prefrontal dysfunction related to phenylketonuria*. Poster presented at Cognitive Neuroscience Society meeting.
- Christ, S.**, Moffitt, A., & Peck, D. (2009). *Early-treated phenylketonuria and prefrontal dysfunction: Evidence from functional magnetic resonance imaging*. Poster presented at International Neuropsychological Society meeting.
- Moffitt, A., **Christ, S.**, & Peck, D. (2009). *The relationship between working memory and inhibitory control in individuals with phenylketonuria*. Poster presented at International Neuropsychological Society meeting.
- Pope, K., **Christ, S.**, Moffitt, A., Peck, D., & Aldridge, K. (2009). *Effects of metabolic disorder on cerebellar development and morphology*. Poster presented at American Association of Physical Anthropologists meeting.

- Christ, S.,** Brubaker, L., & Miles, J. (2009). *A multi-type model of inhibitory control: Evidence from individuals with autism spectrum disorder*. Poster presented at International Meeting for Autism Research.
- Christ, S.,** Kanne, S., & Reiersen, A. (2009). *Executive functioning in young adults with sub-threshold autism traits*. Poster presented at International Meeting for Autism Research.
- Grange, D., **Christ, S.,** White, D. (2009). *Neuropsychological function in individuals with phenylketonuria treated with Kuvan*. Poster presented at Annual Meeting of the American Society of Human Genetics.
- Grange, D., **Christ, S.,** White, D. (2009). *Neuropsychological function in individuals with phenylketonuria treated with Kuvan*. Poster presented at 11<sup>th</sup> International Congress of Inborn Errors of Metabolism.
- Saklayen, S., Narayanan, A., Higgins, K., **Christ, S.,** Gu, H., & Beversdorf, D. (2009). *Effect of propranolol on word fluency in autism spectrum disorder (ASD)*. Poster presented at the Annual Meeting of the Society for Neuroscience.
- Beversdorf, D., Saklayen, S., Narayanan, A., Higgins, K., & **Christ, S.** (2010). *Effect of propranolol on word fluency in autism spectrum disorder*. Poster presented at Cognitive Neuroscience Society meeting.
- Beversdorf, D., Saklayen, S., Narayanan, A., Higgins, K., & **Christ, S.** (2010). *Effect of Propranolol on Eye Contact in Autism Spectrum Disorder*. Poster presented at American Academy of Neurology meeting.
- Bodner, K., Saklayen, S., Beversdorf, D., & **Christ, S.** (2010). *Beta-adrenergic modulation of context processing in individuals with an autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- Christ, S.,** Stichter, J., Visovsky, K., Moffitt, A., & Herzog, M. (2010). *The relationship between executive function and Social Competence Intervention (SCI) outcomes among adolescents with an autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- He, Q., **Christ, S.,** Karsch, K., Peck, D., & Duan, Y. (2010). *Shape analysis of corpus callosum in phenylketonuria using a new 3D correspondence algorithm*. Paper presented at the SPIE Medical Imaging Meeting.
- Moffitt, A., Bodner, K., Brubaker, L., Miles, J., & **Christ, S.** (2010). *The role of secondary executive function demands in the manifestation of inhibitory difficulties in individuals with autism*. Poster presented at the International Meeting for Autism Research.
- Saklayen, S., Higgins, K., Narayanan, A., **Christ, S.,** & Beversdorf, D. (2010). *The effect of propranolol on eye contact in autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- Christ, S.,** Peck, D., Moffitt, A., & Hillman, R. (2010). *Brain function in individuals with PKU treated with Kuvan: Evidence from functional magnetic resonance imaging (fMRI)*.

Poster presented at the annual meeting of the Society for the Study of Inborn Errors of Metabolism.

**Christ, S.,** Peck, D., Moffitt, A., & Hillman, R. (2010). *Brain function in individuals with PKU treated with Kuvan: Evidence from functional magnetic resonance imaging (fMRI)*. Poster presented at the annual meeting of the American Society of Human Genetics.

**Christ, S.,** Stichter, J., Moffitt, A., Bodner, K., Savarese, A., & Visovsky, K. (2010). *Intervention-related changes in working memory activation in adolescents with autism*. Poster presented at the annual meeting of the Society for Neuroscience.

Grange, D., White, D., & **Christ, S.** (2010). *Preliminary neurocognitive findings in individuals with phenylketonuria and treatment with sapropterin dihydrochloride (BH4)*. Poster presented at the annual meeting of the American Society of Human Genetics.

Treloar, H., Friedman, R., **Christ, S.,** & McCarthy, D. (2010). *Alcohol outcome priming, expectancy strength, and attentional bias for alcohol-related stimuli*. Poster presented at the annual meeting of the Research Society on Alcoholism.

White, D., Grange, D., & **Christ, S.** (2010). *Neurocognitive findings in individuals with phenylketonuria and treatment with sapropterin dihydrochloride (BH4)*. Poster presented at the annual meeting of the Society for the Study of Inborn Errors of Metabolism.

Bodner, K., Beversdorf, D., Saklayen, S., & **Christ, S.** (2011). *Improvements in context processing following administration of a beta-adrenergic antagonist in adults with an autism spectrum disorder (ASD)*. Poster presented at the annual meeting of the International Neuropsychological Society.

**Christ, S.,** Stichter, J., Moffitt, A., Bodner, K., Savarese, A., & Visovsky, K. (2011). *Changes in brain activation associated with social competence intervention in adolescents with autism*. Poster presented at the annual meeting of the International Neuropsychological Society.

Moffitt, A., Miles, J., & **Christ, S.** (2011). *Are autism-related impairments in executive control more apparent in the presence of multiple demands?* Paper presented at the annual meeting of the International Neuropsychological Society.

Hegarty, J., Ferguson, B., Jones, K., **Christ, S.,** Tilley, M., Kanne, S., & Beversdorf, D. (2011). *Effect of stress and genetics on functional connectivity in fMRI*. Poster presented at annual meeting of the Cognitive Neuroscience Society.

Daluwatte, C., Muzorewa, T., **Christ, S.,** Beversdorf, B., Takahashi, N., Miles, J., & Yao, G. (2011). *Simultaneous measurement of pupillary light reflex and heart rate variability in children with autism*. Poster presented at the International Meeting for Autism Research.

Bodner, K., Stichter, J., Visovsky, K., Moffitt, A., Herzog, M., & **Christ, S.** (2011). *Improvements in executive function associated with participation in social skills intervention*. Poster presented at the International Meeting for Autism Research.

- Christ, S.**, Stichter, J., Moffitt, A., Bodner, K., & Visovsky, K. (2011). *Intervention-related changes in brain activation in adolescents with autism*. Poster presented at the International Meeting for Autism Research.
- White, D., Grange, D., **Christ, S.**, Blankenship, S., Sprietsma, L., Hershey, T., Rutlin, J., Shimony, J. (2012). *White matter changes in phenylketonuria following treatment with sapropterin dihydrochloride (BH4)*. Poster presented at the annual meeting of the American College of Medical Genetics.
- Christ, S.**, Moffitt, A., Kester, L., Bodner, K., & Miles, J. (2012). *The Neural Correlates of Impaired Visual Interference Control in Individuals with Autism Spectrum Disorder*. Poster presented at Cognitive Neuroscience Society meeting.
- Bodner, K., Stichter, J., Beversdorf, D., Miles, J., & **Christ, S.** (2012). *Age-Related Differences in Visual Interference Control in Adolescents with Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research.
- Christ, S.**, Moffitt, A., Kester, L., Bodner, K., & Miles, J. (2012). *The Neural Correlates of Impaired Visual Interference Control in Individuals with Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research.
- Daluwatte, C., Miles, J., **Christ, S.**, Beversdorf, D., Takahashi, T., & Yao, G. (2012). *Atypical Pupillary Light Reflex and Heart Rate Variability in Children with Autism*. Poster presented at the International Meeting for Autism Research.
- Kester, L., Moffitt, A., Miles, J., & **Christ, S.** (2012). *The Relationship Between Repetitive Behaviors and Executive Function in Children with Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research.
- Peng, H., Moffitt, A., Peck, D., White, D., & **Christ, S.** (2012). Diffusion Tensor Imaging Analysis with Tract-Based Spatial Statistics of the White Matter Abnormalities in Early-Treated Phenylketonuria. Poster presented at the annual meeting of the International Society for Magnetic Resonance in Medicine.
- Stichter, J., Herzog, M., McGhee, S., Leinert, S., & **Christ, S.** (2012). Examining the Maintenance Effects of a Social Competence Intervention. Poster presented at the International Meeting for Autism Research.
- Valle-Inclán, F., Lee, E.-Y., Cowan, N., Johnson, J., **Christ, S.**, Rolan, T., & Hackley, S.A. (2012). Atrophy of pre-SMA uniquely predicts reduced working memory capacity in Parkinson's disease. Poster presented at the annual meeting of the Society for Psychophysiological Research.
- Wegrzyn, A., Miles, J., & **Christ, S.** (2012). *Motor Learning in Children with Autism Spectrum Disorder*. Poster presented at the International Meeting for Autism Research.
- Christ, S.**, Zamzow, R., & Johnson, J. (2013). Resting State Functional Network Organization and Topological Properties in Autism Spectrum Disorder. Poster presented at the International Meeting for Autism Research.

- Beversdorf, D., Ferguson, B., Zamzow, R., Reznicek, E., Lewis, M., **Christ, S.**, & Stichter, J. (2013). Effects of Propranolol on Social Functioning in Autism Spectrum Disorder. Paper presented at the annual meeting of the American Academy of Neurology.
- Hegarty, J., Ferguson, B., Zamzow, R., **Christ, S.**, Mazurek, M., & Beversdorf, D. (2013). Cortical Network Flexibility During Facial and Emotional Processing: The Effect of Beta-Adrenergic Antagonists. Poster presented at the International Meeting for Autism Research.
- Aldridge, K., **Christ, S.**, Le, M., & Muzaffar, A. (2013). Frontal Lobe Gray Matter is not Reduced in Infants with Isolated Metopic Craniosynostosis. Poster presented at the 12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies.
- Le, M., Aldridge, K., **Christ, S.**, Luo, Y., Aviles, D., Cole, K. & Muzaffar, A. (2013). Morphometric Analysis of Cortical Gray Matter in Infants with Isolated Metopic Craniosynostosis. Poster presented at the 58th Annual Meeting of the Plastic Surgery Research Council.
- Ferguson, B., Zamzow, R., Reznicek, E., Lewis, M., **Christ, S.**, Stichter, J., & Beversdorf, D. (2013). Effects of beta-adrenergic antagonism on social interaction in autism spectrum disorders. Poster presented at the annual meeting of the Cognitive Neuroscience Society.
- Zamzow, R., Johnson, J., & **Christ, S.** (2013). Resting state functional network organization and topological properties in autism spectrum disorder. Poster presented at the annual meeting of the Cognitive Neuroscience Society.
- Le, M., Aldridge, K., **Christ, S.**, Luo, Y., Aviles, D., Cole, K., & Muzaffar, A. (2013). Morphometric analysis of cortical gray matter in infants with isolated metopic craniosynostosis. Poster presented at the annual meeting of the American Association of Plastic Surgeons.
- Aldridge, K., **Christ, S.**, Luo, Y., Le, M., Aviles, D., Cole, K., & Muzaffar, A. (2013). Frontal lobe gray matter is not reduced in infants with isolated metopic craniosynostosis. Poster presented at the 12<sup>th</sup> International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies.
- Li, D., Cowan, N., & **Christ, S.** (2013). *Domain general and domain specific neural networks in working memory*. Poster presented at the annual meeting of the Society of Neuroscience.
- Saville, C., Bodner, K., Yao, G., & **Christ, S.** (2013). *Age-related differences in basal ganglia morphometry in individuals with and without autism*. Paper presented at the annual meeting of the Society for Neuroscience.
- Christ, S.**, Saville, C., Bodner, K., Moffitt, A., & Peck, D. (2014) *Morphometric analysis of gray matter integrity in individuals with PKU*. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.

- Bellesheim, K., Moffitt, A., Peck, D., & **Christ, S.** (2014) *Atypical working memory-related neural activity in individuals with PKU*. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.
- Christ, S.**, Moffitt, A., Daluwatte, C., Price, M., Miles, J., & Yao, G. (2014). *The neural basis for atypical pupillary light response in autism spectrum disorder*. Poster to be presented at the International Meeting for Autism Research.
- Bellesheim, K., Stichter, J., Bodner, K., Sokoloff, J., & **Christ, S.** (2014). *Evidence for distinct neural endophenotypes of executive dysfunction in autism and phenylketonuria*. Poster to be presented at the International Meeting for Autism Research.
- Christ, S.**, Abraham, M., Yao, G., & Beversdorf, D. (2015). *Brainstem morphometry in individuals with and without autism spectrum disorders*. Poster presented at the annual meeting of the Society of Neuroscience.
- Zamzow, R., Hegarty, J., Bellesheim, K., Price, M., Johnson, J., Yao, G., Beversdorf, D., & **Christ, S.** (2015). *Global and modular resting state network topology in autism, phenylketonuria, and traumatic brain injury*. Poster presented at the annual meeting of the Society of Neuroscience.
- Bodner, K., Stichter, J., Bellesheim, K., Sokoloff, J., Herzog, M., & **Christ, S.** (2015). *The relationship between discourse processing and autistic symptomatology in adolescents with ASD*. Poster presented at the International Meeting for Autism Research.
- Zamzow, R., Johnson, J., Hegarty, J., Yao, G., Beversdorf, D., & **Christ, S.** (2015). *Altered resting state functional network topography across neurological conditions: A comparison of autism spectrum disorder with phenylketonuria and traumatic brain injury*. Poster presented at the International Meeting for Autism Research.
- Hegarty, J., Ferguson, B., Zamzow, R., Rohowetz, L., Johnson, J., **Christ, S.**, & Beversdorf, D. (2015). *Beta-adrenergic antagonism modulates default mode network coherence in autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- Bellesheim, K., Price, M., Moffitt, A., Peck, D., & **Christ, S.** (2015). *Altered functional brain connectivity in phenylketonuria*. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.
- Bellesheim, K., Stichter, J., Bodner, K., Sokoloff, J., & **Christ, S.** (2016). *Altered working memory-related brain activation and connectivity in adolescents with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- Nair, N., Hegarty, J., Lane, K., Ferguson, B., Hecht, P., Christ, S., Tilley, M., Kanne, S., & Beversdorf, D. (2016). *Effects of genetics and stress on amygdalar activation and associated functional connectivity using fmri*. Poster presented at the annual meeting of the Society of Neuroscience.

- Peng, H., & Christ, S. (2016). *Super resolution reconstruction based on orthogonal fusion and sub-pixel shifting techniques for diffusion weighted images*. Poster presented at the annual meeting of the Society of Neuroscience.
- Rogers, H., Wegryzn, A., Beversdorf, D., & Christ, S. (2016). *Motor learning in children with autism spectrum disorder*. Oral presentation/talk given at the annual meeting of the Society of Neuroscience.
- Bodner, K., Cowan, N., & Christ, S. (2017). *Visual working memory and filtering ability in individuals with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- Bellesheim, K., Sokoloff, J., Bodner, K., Boland, K., Cowan, N., and Christ, S. (2018). *Visual working memory in adolescents with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research.
- Nairi, N., Hegarty, J., Ferguson, B., Hooshmand, S., Hecht, P., Tilley, M., Christ, S., and Beversdorf, D. (2018). Stress alters functional connectivity in language processing regions of the brain during verbal fluency tasks. Poster presented at the annual meeting of the Society of Neuroscience.
- Sokoloff, J., Peng, H., Boland, K., and Christ, S. (2018). *Structural-Morphometric Examination of the Thalamus in Individuals with Autism*. Poster presented at the International Meeting for Autism Research.
- Anguah, K., Daluwatte, C., Miles, J., Yao, G., and Christ, S. (2019). Cortical and cerebellar contributions to pupillary light reflex in individuals with and without autism. Poster presented at the International Meeting for Autism Research.
- Boland, K., and Christ, S. (2019). Influence of autism spectrum disorder and anxiety on perceptual load capacity. Poster presented at the International Meeting for Autism Research.
- Ellenberger, L., Christ, S., and Aldridge, K. (2019). Reduced cerebellar volume in autism spectrum disorder. Poster presented at the Experimental Biology meeting of the American Association of Anatomists.
- Clocksins, H., and Christ, S. (2019). Microstructural integrity across white matter pathways in individuals with early-treated phenylketonuria. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.
- Christ, S., Clocksins, H., Anguah, K., and Abbene, E. (2019). Preliminary findings from new study of gray matter in adults with early-treated phenylketonuria. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.

Clocksins, H., White, D., Hawks, Z., and Christ, S. (2019). The progression of white matter abnormalities in phenylketonuria. Poster presented at the annual meeting of the Society of Neuroscience.

Bellesheim, K., Cowan, N., and Christ, S. (2020). Bimodal Working Memory in Adolescents with Autism Spectrum Disorder. Poster presented at the annual meeting of the International Neuropsychological Society.

Anguah, K., Parks, E., and Christ, S. (2020). Exposure to weight stigmatization content: Neural control of appetite and food reward. Poster presented at the annual meeting of the American Society for Nutrition.

Abbene, E., Clocksin, H., and Christ, S. (2020). Visuomotor control and learning in individuals with phenylketonuria. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.

Clocksins, H., Abbene, E., and Christ, S. (2020). Neurocognitive functioning in adults with early-treated phenylketonuria (PKU). Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.

Boland, K., Abbene, E., Clocksin, H., and Christ, E. (2020). Relationship between anxiety and cognitive performance in individuals with phenylketonuria. Poster presented at annual meeting of the Society for Inherited Metabolic Disorders.

## **PAST RESEARCH FUNDING**

University of Missouri Research Board 06/01/15-05/31/16  
Visual Filtering Ability and Gender in Autism  
Total Costs: \$52,777  
Role: Principal Investigator

National PKU Alliance 03/01/13-05/31/15  
Morphometric Analysis of Gray Matter Integrity in Individuals with PKU  
Total Costs: \$80,000  
Role: Principal Investigator

BioMarin Pharmaceutical Inc. 05/01/13-04/30/14  
Retrospective Date Analysis for the Development of Executive Function Screening Test for Patients with Phenylketonuria  
Total Costs: \$50,638  
Role: Principal Investigator

BioMarin Pharmaceutical Inc. 08/15/09-08/14/13  
The Effects of Kuvan on Functional Brain Connectivity in Individuals with Phenylketonuria  
Total Costs: \$151,461  
Role: Principal Investigator

Autism Speaks 10/01/08-03/31/11



The Neural Correlates of Transient and Sustained Executive Control in Children with ASD

Total Costs: \$120,000

Role: Principal Investigator

National Institutes of Health (NINDS) R21 10/01/09-09-30/11

Validation Study of Atypical Dynamic Pupillary Light Reflex as a Biomarker for Autism

Total Costs: \$403,650

Role: Co-Principal Investigator (Co-PIs: Miles & Yao)

Thompson Center for Autism and Neurodevelopmental Disorders 02/01/07-01/31/09

The Neural Correlates of Inhibitory Control in Individuals with Autism

Total Costs: \$45,000

Role: Principal Investigator

University of Missouri Arts and Sciences Alumni Organization 02/01/07-06/30/08

The Neural Basis of Inhibitory Control in Individuals with and without Autism

Total Costs: \$1,050

Role: Principal Investigator

University of Missouri Research Council (Summer Research Fellowship) 06/01/07-08/31/07

Inhibitory Control in Children with Autism

Total Costs: \$7,000

Role: Principal Investigator

University of Missouri Research Board 01/01/08-12/31/09

Inhibitory Control in Children with Autism

Total Costs: \$20,000

Role: Principal Investigator

University of Missouri Research Council (Summer Research Fellowship) 06/01/09-08/31/09

Structural and Functional Integrity of the Core Task Set-Related Neural System in Individuals with Autism

Total Costs: \$7,000

Role: Principal Investigator

MU Alumni Assoc. Richard Wallace Research Incentive Grant Award 07/01/10-06/30/11

Cognitive and Neural Changes Underlying Social Skills Improvement in Autism

Total Costs: \$4,000

Role: Principal Investigator

National Institutes of Health (NICHD) R01 09/01/12-08/31/17

Working Memory, Attention, and Time: Childhood Development and Adult Function

Total Costs: \$1,502,791

Role: Co-Investigator (PI: Cowan)

Department of Defense 06/01/10-05/31/14

Atypical Dynamic Pupillary Light Reflex in Children with Autism

Total Costs: \$546,577

Role: Co-Investigator (PI: Yao)

Health Resources and Services Administration 09/01/10-08/31/13  
Predictors of Effects of Propranolol on Language & Connectivity in Autism  
Total Costs: \$564,816  
Role: Co-Investigator (PI: Beversdorf)

National Institutes of Health (NIMH) R21 06/01/10-05/31/12  
Neural Effects of Extreme Drinking in Young Adults  
Total Costs: \$409,336  
Role: Co-Investigator (PI: Kerns)

BioMarin Pharmaceutical Inc. 10/01/09-09/31/13  
Effects of Sapropterin on Brain and Cognition in Individuals with Phenylketonuria  
Total Costs: \$219,527  
Role: Co-Investigator (PI: White)

BioMarin Pharmaceutical Inc. 08/01/09-07/31/10  
Behavioral Effects of Kuvan in Children with Mild Phenylketonuria  
Total Costs: \$198,828  
Role: Co-Investigator (PI: White)

National Institutes of Health (NIAAA) R03 12/01/09-11/30/11  
Effects of Suboptimal Outcome Cues on Alcohol-Related Cognition and Alcohol Use  
Total Costs: \$163,769  
Role: Co-Investigator (PIs: Friedman & McCarthy)

Department of Surgery Internal Grant 08/19/10-08/18/12  
The Role of Magnetic Resonance Imaging in Understanding Craniosynostosis and the Effects of  
Surgical Intervention: A Pilot Study  
Total Costs: \$39,328  
Role: Co-Investigator (PI: Muzaffar)

University of Missouri Research Board 07/01/10-06/30/12  
An MRI/fMRI Study of Selflessness in Persons with TBI  
Total Costs: \$46,979  
Role: Co-Investigator (PI: Johnstone)

University of Missouri Research Board 01/01/10-12/31/11  
A Correlated fMRI and Pupillary Light Reflex Study in Children with Autism  
Total Costs: \$40,000  
Role: Co-Investigator (PI: Yao)

Thompson Center for Autism and Neurodevelopmental Disorders 05/01/08-10/30/09  
Effect of Propranolol on Eye Contact in Autism Spectrum Disorder  
Total Costs: \$26,108  
Role: Co-Investigator (PI: Beversdorf)

**ACTIVE RESEARCH FUNDING**

National PKU Alliance 05/01/18-04/30/20

Metabolic, Behavioral, and Neurologic Correlates of Gray Matter Abnormalities in Individuals with Early-Treated PKU

Total Costs: \$ 207,005

Role: Principal Investigator

University of Missouri Mizzou Advantage

Exploring Neural Mechanisms underlying Sensory Processing in Autism: Sleep, Arousal, and Neuroimaging

Total Costs: \$50,000

Role: Principal Investigator

Department of Defense

09/01/16-08/31/20

Trial of Propranolol in Children and Youth with ASD & Predictors of Response

Total Costs: \$1,500,796

Role: Co-Investigator (PI: Beversdorf)

### **TRAINEE & MENTORING AWARDS**

- |      |   |
|------|---|
| 2009 | Kimberly Bodner<br>University of Missouri Life Sciences Graduate Fellowship |
| 2018 | Hayley Clocksin<br>University of Missouri Life Sciences Graduate Fellowship |
| 2020 | Kelly Boland<br>University of Missouri Distinguished Master's Thesis Award  |

### **PROFESSIONAL EXPERIENCE**

- |              |   |
|--------------|---|
| 2008-present | <b>Psychology Advisory Board</b><br>BioMarin Pharmaceutical Inc.  |
| 2016-present | <b>NIH Grant Reviews</b><br>Child Psychopathology and Developmental Disabilities (CPDD) study section   |
| 2004-present | <b>Ad hoc Review for Professional Journals</b><br><i>Acta Psychologica</i><br><i>Animal Cognition</i><br><i>Biological Psychiatry</i><br><i>British Journal of Psychology</i><br><i>Child Development</i><br><i>Child Neuropsychology</i><br><i>Cognition</i><br><i>Cognitive, Affective, &amp; Behavioral Neuroscience</i><br><i>Cognitive and Behavioral Neurology</i><br><i>Developmental Medicine &amp; Child Neurology</i><br><i>Developmental Neuropsychology</i><br><i>Journal of Autism and Developmental Disorders</i> |

*Journal of Clinical & Experimental Neuropsychology*  
*Journal of Cognitive Neuroscience*  
*Journal of the International Neuropsychological Society*  
*Journal of Inherited Metabolic Disease*  
*Journal of Neuroscience Research*  
*Journal of Vision*  
*Molecular Genetics & Metabolism*  
*NeuroImage*  
*NeuroImage: Clinical*  
*Neuropsychologia*  
*Neuropsychology*  
*Neuropsychology Review*  
*Nutrients*  
*Perceptual and Motor Skills*  
*Psychonomic Bulletin & Review*  
*Psychological Assessment*  
*Psychological Science*

- 2005-2006 **Program Committee**  
Meeting of the International Neuropsychological Society, February 2006
- 2009-2010 **Program Committee**  
Meeting of the International Neuropsychological Society, February 2010
- 2012-2013 **Program Committee**  
International Meeting for Autism Research, May 2013

#### **DEPARTMENTAL SERVICE**

- 2001-2003 **Committee for Clinical Program Self-Study**  
Department of Psychology, Washington University
- 2002-2003 **Graduate Curriculum Committee**  
Department of Psychology, Washington University
- 2002-2003 **Search Committee for Endowed Chair in Clinical Psychology**  
Department of Psychology, Washington University
- 2002-2003 **Prospective Graduate Student Committee**  
Department of Psychology, Washington University
- 2006-2008 **Committee for Establishment of Brain Imaging Center**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2007-2008 **Search Committee for Faculty in Cognition and Neuroscience**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2006-2007 **Clinical Training Admissions Subcommittee**  
2008-2009 Department of Psychological Sciences, University of Missouri-Columbia
- 2007-2009 **Search Committee for Staff MR Physicist at Brain Imaging Center**

- Department of Psychological Sciences, University of Missouri-Columbia
- 2008-2009 **Search Committee for Faculty in Quantitative Psychology**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2009-2010 **Search Committee for Faculty in Clinical Psychology**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2010-2011 **Distinguished Lecture Series Committee**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2011-2013 **Department Advisory Committee**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2008-2015 **Brain Imaging Center Committee (member)**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2015-present **Brain Imaging Center Committee (chair person)**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2017-2018 **Clinical Training Admissions Subcommittee**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2018 **Third Year P&T Review Committee for a joint junior faculty member with OT-PT**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2018-2019 **Search Committee for Miller Endowment Post-doctoral Fellow**  
Department of Psychological Sciences, University of Missouri-Columbia
- 2020-present **P&T Tenure Review Committee for a joint faculty member with OT-PT**  
Department of Psychological Sciences, University of Missouri-Columbia

## UNIVERSITY SERVICE

- 2008-2009 **Search Committee for Faculty in Early Intensive Behavior Intervention**  
Thompson Center for Autism, University of Missouri-Columbia
- 2008-2009 **Search Committee for Faculty in the Behavioral Supports Clinic**  
Thompson Center for Autism, University of Missouri-Columbia
- 2008-2009 **Committee for Establishment of Graduate Training Seminar Series**  
Thompson Center for Autism, University of Missouri-Columbia
- 2018-2019 **Committee for the Design of an Imaging Core**  
MU Translational Precision Medicine Complex, University of Missouri
- 2018-2019 **Committee for the Design of an Electron Microscopy Core**  
MU Translational Precision Medicine Complex, University of Missouri

