

# CURRICULUM VITAE

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## Brandon Keehn, Ph.D.

### Purdue University

Speech, Language, and Hearing Sciences • Psychological Sciences  
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### ACADEMIC POSITIONS

7/2020 – Present	<b>Purdue University</b> Associate Professor, Department of Speech, Language, and Hearing Sciences Associate Professor, Department of Psychological Sciences	West Lafayette, IN
8/2014 – 6/2020	Assistant Professor, Department of Speech, Language, and Hearing Sciences Assistant Professor, Department of Psychological Sciences	
7/2011 – 8/2014	<b>Boston Children’s Hospital / Harvard Medical School</b> Postdoctoral Research Fellow	Boston, MA

### OTHER ACADEMIC APPOINTMENTS

8/2023 – Present	Director, Purdue Autism Research Center
8/2021 – 7/2023	Associate Director, Purdue Autism Research Center

### EDUCATION

8/2006 – 6/2011	<b>San Diego State University / University of California, San Diego</b> Ph.D., Joint Doctoral Program in Language and Communicative Disorders	San Diego, CA
9/2000 – 6/2004	<b>University of Washington</b> B.S., Psychology	Seattle, WA

### GRANTS

NIH-NIMH R01: “TRACKED: Translational Research on Autism Clinical biomarker Enhanced Diagnosis”,  
4/1/2025-3/30/2030, \$3,852,391 (MPI; Rebecca McNally Keehn)  
Status: Awaiting review

NIH-NICHD R01: “The Alama Project: Autism outcomes and neurobehavioral markers in young children born to  
mothers with HIV in Kenya”, 7/1/2024-6/30/2029, \$2,451,941 (MPI; Rebecca McNally Keehn, Eren Oyungu)  
Status: Impact: 30; Percentile: 14; Pending Council

NIH-NIDCD R01: “Developmental trajectories characterizing speech sound disorder persistence and recovery”,  
4/1/2025-3/30/2030 (Co-I; Françoise Brosseau-Lapr e)  
Status: Awaiting review

NIH-NIDCD R01: “The impact of sensory profile on word learning in typical and atypical populations”, 4/1/2025-  
3/30/2030 (Co-I; Amanda Seidl)  
Status: Awaiting review

Clifford B. Kinley Trust: “Expanding autism diagnostic biomarkers to low- and middle-income countries”,  
5/1/2024 – 4/30/2024, \$25,000 (PI)

Riley Children’s Foundation: “Gaze-contingent biomarker battery to advance early autism diagnosis”, 5/1/2022-  
4/30/2024, \$101,000 (MPI; Rebecca McNally Keehn)

NIMH R21-MH121747: “An innovative model of early ASD diagnosis in the primary care setting: Integrating clinical evaluation and biomarkers to improve diagnostic accuracy”, 8/5/2020-8/4/2022, \$435,069 (MPI; Rebecca McNally Keehn)

Showalter Trust Research Award: “Investigating the Cerebellar Crus I abnormalities in autism spectrum disorders using ultra-high resolution magnetic resonance spectroscopy imaging”, 7/1/20-6/30/21, \$75,000 (Co-PI; Uzey Emir, School of Health Sciences, Co-PI)

Clifford B. Kinley Trust: “An investigation of atypical sensory suppressive interactions in autism spectrum disorder”, 4/1/19-4/1/20, \$19,800 (PI)

NIMH R21-MH114095: “Understanding attentional strengths and weaknesses in autism spectrum disorder”, 5/1/18-4/30/20, \$414,785 (PI)

Launch the Future Incentive Grant: “Exploration of the attentional strengths and weaknesses of college freshmen with autism in STEM Majors: Impact on access and participation in active learning”, 7/1/18-6/30/19, \$20,500 (Co-I; Rose Mason, PI)

Purdue Autism Cluster Collaborative Research Grant: “Survey of perceived strengths and challenges of first year engineering students: Comparison of those with and without ASD”, 1/17-1/18, \$7,000 (Co-PI; Rose Mason, Co-PI)

Purdue Autism Cluster Collaborative Research Grant: “Expansion of the Purdue Autism Cluster summer camp”, 1/17-1/18, \$6,880 (Co-PI; Carolyn McCormick, Co-PI)

Gadamski Foundation: “Development of a Purdue Autism Cluster summer camp”, 9/16-9/17, \$7,600 (Co-PI; Emily Studebaker, Co-PI)

Gadamski Foundation: “Regional GABA variations in children with autism spectrum disorder: A novel 3D multi-voxel MRS investigation”, 9/16-9/17, \$8,800 (Co-PI; Ulrike Dydak, Co-PI)

Gadamski Foundation: “Development of eye-tracking technology for behavior assessment of the mouse model of Fragile X Syndrome”, 9/15-9/16, \$6,000 (Co-PI; Alex Chubykin, Co-PI)

Purdue Institute for Integrative Neuroscience: “Attentional strengths and GABAergic function in children with autism spectrum disorder”, 7/1/16-6/30/18, \$14,850 (Co-PI; Ulrike Dydak, Co-PI)

Autism Speaks: “Understanding the etiological significance of attentional disengagement in infants at-risk for ASD”, 2/1/12-7/31/14, \$95,000 (PI)

Grand Challenges Canada: “Early childhood cognitive stimulation and successful transition to preschool in a disadvantaged population in rural Pakistan”, 2/1/12-9/30/14, \$54,000 (Co-I; Aisha Yousafzai, Jelena Obradović, Co-PIs)

**PEER-REVIEWED PUBLICATIONS** [\*indicates primary author(s); superscript letters indicate co-author(s) mentored by the candidate: <sup>u</sup>undergraduate student, <sup>g</sup>graduate student, <sup>p</sup>postdoctoral scientist]

Martin<sup>p</sup>, A. M., **Keehn, B.**, Paxton, A., Ciccarelli, M., & McNally Keehn\*, R. (2024). Relationship between race, ethnicity, and clinical profiles of young children evaluated for autism in the primary care setting. *Journal of Developmental and Behavioral Pediatrics*.

**Keehn\*, B.**, Monahan, P. O., Enneking, B., Ryan, T., Swigonski, N., & McNally Keehn, R. (2024). Eye-tracking biomarkers and autism diagnosis in primary care. *JAMA Network Open*, 7(5):e2411190. doi.org/10.1001/jamanetworkopen.2024.11190

- Lopera-Perez\*, D. C., Obradović, J., Yousafzai, A. K., **Keehn, B.**, Siyal, S., Nelson, C. A., & Tarullo, A. R. (2024). Maternal scaffolding predicts EEG gamma power in rural Pakistani girls. *Developmental Psychobiology*.
- Griffin, J., Dawson, G., Webb, S., **Keehn, B.**, & McPartland\*, J. (2024). Autistic individuals do not alter visual processing strategy during encoding versus recognition of faces. *Journal of Autism and Developmental Disorders*. doi.org/10.1007/s10803-024-06259-9
- Neo<sup>§</sup>\*, W. S., Foti, D., **Keehn, B.**, & Kelleher, B. (2023). Resting-state EEG power differences in autism spectrum disorder: A systematic review and meta-analysis. *Translational Psychiatry*, 13, 389. doi.org/10.1038/s41398-023-02681-2
- Keehn\***, B., Kadlaskar<sup>§</sup>, G., & McNally Keehn, R. (2023). Elevated and accelerated: Locus coeruleus activity and visual search abilities in children with ASD. *Cortex*. doi.org/10.1016/j.cortex.2023.08.016
- McNally Keehn\*, R., Swigonski, N., Enneking, B., Ryan, T., Monahan., P., Martin., A.M., Hamrick, L., Kadlaskar<sup>§</sup>, G., Paxton, A., Ciccarelli, M., & **Keehn, B.** (2023). Diagnostic accuracy of primary care clinicians across a statewide system of autism evaluation. *Pediatrics*. doi.org/10.1542/peds.2023-061188
- \*Connected Commentary highlighting this paper: Hyman, S. & Kroening, A. Diagnosing autism spectrum disorders in primary care: When you know, you know. *Pediatrics*. doi.org/10.1542/peds.2023-062279
- Wagner\*, J., **Keehn, B.**, Tager-Flusberg, H., & Nelson, C.A. (2023). Associations between early attentional biases to faces and later social-emotional development in infants with and without an older sibling with autism. *Infant Behavior and Development*, 71, 101811. doi.org/10.1016/j.infbeh.2023.101811
- Lory<sup>§</sup>\*, C., Rispoli, M., **Keehn, B.**, Mason, R., & Mason, B, Kang, S., Borosh, A., Shannon, E., & Crosley, H. (2023). Exploring subtypes of repetitive behavior in children with autism through functional analysis and wearable technology: A pilot biobehavioral assessment. *Advances in Neurodevelopmental Disorders*. doi.org/10.1007/s41252-023-00317-6
- Kim<sup>§</sup>, Y., Kadlaskar<sup>§</sup>, G., McNally Keehn, R., & **Keehn\***, B. (2022). Measures of tonic and phasic activity of the locus coeruleus – norepinephrine system in children with autism spectrum disorder. *Autism Research*, 15(12), 2250-2264. doi: 10.1002/aur.2820.
- Takarae\*, Y., Zanesco, A., **Keehn, B.**, Chuckoskie, L., Müller, R-A., & Townsend, J. (2022). EEG microstates suggest atypical resting-state network activity in children and adolescents with autism spectrum disorder. *Developmental Science*, 25, e13231. doi.org/10.1111/desc.13231
- Kadlaskar<sup>§</sup>\*, G., Bergmann<sup>u</sup>, S., McNally Keehn, R., Seidl, A., & **Keehn, B.** (2021). Electrophysiological measures of tactile and auditory processing in children with ASD. *Frontiers in Human Neuroscience*, 15. doi: 10.3389/fnhum.2021.729270
- Keehn\***, B., Kadlaskar<sup>§</sup>, G., Bergmann<sup>u</sup>, S., McNally Keehn, R., & Francis, A., (2021). Attentional disengagement and the locus coeruleus – norepinephrine system in children with autism spectrum disorder. *Frontiers in Integrative Neuroscience*, 15. doi: 10.3389/fnint.2021.716447
- King<sup>§</sup>, C. & **Keehn\***, B. (2021). Implications sensory processing and attentional differences associated with autism in academic settings: An integrative review. *Frontiers in Psychiatry*, 12. doi: 10.3389/fpsy.2021.695825.
- Kadlaskar<sup>§</sup>\*, G., Bergmann<sup>u</sup>, S., McNally Keehn, R., Seidl, A., & **Keehn, B.** (2021). Equivalent behavioral facilitation to tactile cues in children with autism spectrum disorder. *Brain Sciences*, 11(5), 625. doi.org/10.3390/brainsci11050625.
- Pierce<sup>u</sup>, S., Kadlaskar<sup>§</sup>, G., Edmondson<sup>§</sup>, D. A., McNally Keehn, R., Dydak, U., & **Keehn\***, B. (2021). Associations between sensory processing and electrophysiological and neurochemical measures in children

with ASD: An EEG-MRS study. *Journal of Neurodevelopmental Disorder*, 13, 5. doi.org/10.1186/s11689-020-09351-0.

- Lory<sup>§</sup>, C., Kadlaskar<sup>§</sup>, G., McNally Keehn, R., Francis, A., & **Keehn\***, B. (2020). Reduced heart rate variability and children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 50(11), 4183-4190. doi: 10.1007/s10803-020-04458-8.
- Wagner\*, J., **Keehn, B.**, Tager-Flusberg, H., & Nelson, C.A. (2020). Attentional bias to fearful faces in infants at high risk for autism spectrum disorder. *Emotion*, 20(6), 980-992. doi: 10.1037/emo0000628.
- Mash\*, L.E., **Keehn, B.**, Linke, A.C., Liu, T.T., Helm, J.L., Haist, F., Townsend, J., Müller, R-A. (2020). Atypical relationships between spontaneous EEG and fMRI activity in autism. *Brain Connectivity* 10(1), 18-28. doi.org/10.1089/brain.2019.0693.
- Edmondson<sup>§</sup>, D.A., Xia, P., McNally Keehn, R., Dydak, U., & **Keehn\***, B. (2020) An MRS investigation of superior visual search abilities in children with autism spectrum disorder. *Autism Research* 13(4), 550-562. doi.org/10.1002/aur.2258.
- Kadlaskar<sup>§</sup>, G., Seidl, A., Tager-Flusberg, H., Nelson, C.A., **Keehn\***, B. (2020). Caregiver-infant audio-tactile communication in infants at-risk for autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 50(3), 1064-1072. doi.org/10.1007/s10803-019-04310-8.
- Hornung<sup>u</sup>, T. Chan, W-H., Müller, R-A., Townsend, J. & **Keehn\***, B. (2019). Dopaminergic hypo-activity and reduced theta-band power in autism spectrum disorder: A resting-state EEG study. *International Journal of Psychophysiology*, 146, 101-106. doi.org/10.1016/j.ijpsycho.2019.08.012.
- Keehn\***, B., Kadlaskar<sup>§</sup>, G., McNally Keehn, R., & Francis, A. (2019). Auditory attentional disengagement in children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 49(10), 3999-4008. doi: 10.1007/s10803-019-04111-z
- Kadlaskar<sup>§</sup>, G., Seidl, A., Tager-Flusberg, H., Nelson, C.A., & **Keehn, B.** (2019). Atypical response to caregiver touch in infants at risk for autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 49(7), 2946-2955. doi: 10.1007/s10803-019-04021-0
- Keehn\***, B., Westerfield, M. & Townsend, J. (2018). Cross-modal capture: Inefficient filtering in children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 49(1), 385-390. doi: 10.1007/s10803-018-3674-y
- Keehn\***, B., Westerfield, M., Müller, R-A., & Townsend, J. (2017). Autism, attention, and alpha oscillations: An electrophysiological study of attentional capture. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2(6), 528-536. doi: 10.1016/j.bpsc.2017.06.006
- Tarullo\*, A. R., Obradović, J., **Keehn, B.**, Rasheed, M. R., Siyal, S., Nelson, C. A., & Yousafzai, A. K. (2017). Gamma power in rural Pakistani children: Links to executive function and verbal ability. *Developmental Cognitive Neuroscience*, 26, 1-8. doi: 10.1016/j.dcn.2017.03.007
- Jao Keehn\*, J., Sanchez, S. S., Stewart, C. R., Zhao, W., Grenesko, E. L., **Keehn, B.**, & Müller, R-A. (2017). Impaired downregulation of visual cortex during auditory processing is associated with autism symptomatology in children and adolescents with autism spectrum disorder. *Autism Research*, 10(1), 130-143. doi: 10.1002/aur.1636
- Keehn\***, B. & Joseph, R.M. (2016). Exploring what's missing: What do target absent trials reveal about autism search superiority? *Journal of Autism and Developmental Disorders*, 46(5), 1686-1698. doi: 10.1007/s10803-016-2700-1

- Keehn\***, B., Nair, A., Lincoln, A. J., Townsend, J., & Müller, R-A. (2016). Under-reactive but easily distracted: An fMRI investigation of attentional capture in autism spectrum disorder. *Developmental Cognitive Neuroscience*, 17, 46-56. doi: 10.1016/j.dcn.2015.12.002
- Keehn\***, B. & Joseph, R.M. (2016). Slowed search in the context of unimpaired grouping in autism: Evidence from multiple conjunction search. *Autism Research*, 9(3), 333-339. doi: 10.1002/aur.1534
- Stewart\*, C. R., Sanchez, S. S., Grenesko, E. L., Brown, C. M., **Keehn, B.**, Lincoln, A. J., & Müller, R-A. (2016). Sensory symptoms and processing of nonverbal auditory and visual stimuli in children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 46(5), 1590-1601. doi: 10.1007/s10803-015-2367-z
- Keehn\***, B., Vogel-Farley, V., Tager-Flusberg, H., & Nelson, C.A. (2015). Atypical hemispheric specialization for faces in infants at-risk for autism spectrum disorder. *Autism Research*, 8(2), 187-198. doi: 10.1002/aur.1438
- Joseph\*, R. M., Fricker, Z., & **Keehn, B.** (2015). Activation of frontoparietal attention networks by non-predictive gaze and arrow cues. *Social Cognitive and Affective Neuroscience*, 10(2), 294-301. doi: 10.1093/scan/nsu054
- Nair\*, A., Keown, C., Datko, M., Shih, P., **Keehn, B.**, & Müller, R-A. (2014). Impact of methodological variables on functional connectivity findings in autism spectrum disorders. *Human Brain Mapping*, 35(8), 4035-4048. doi: 10.1002/hbm.22456
- Keehn\***, B., Wagner, J., Tager-Flusberg, H., & Nelson, C.A. (2013). Functional connectivity in the first year of life in infants at high risk for autism: A preliminary near-infrared spectroscopy study. *Frontiers in Human Neuroscience*, 7. doi: 10.3389/fnhum.2013.00444
- Keehn\***, B., Müller, R-A., & Townsend, J. (2013). Atypical attentional networks and the emergence of autism. *Neuroscience and Biobehavioral Reviews*, 37(2), 164-183. doi: 10.1016/j.neubiorev.2012.11.014
- Keehn\***, B., Shih, P., Brenner, L.A., Townsend, J. & Müller, R-A. (2012). Functional connectivity for an “island of sparing” in autism: An fMRI study of visual search. *Human Brain Mapping*, 34(10), 2524-2537. doi: 10.1002/hbm.22084
- Shen\*, M., Shih, P., Öttl, B., **Keehn, B.**, Leyden, K.M., Gaffrey, M.S., & Müller, R-A. (2012). Atypical lexicosemantic function of extrastriate cortex in autism spectrum disorder: Evidence from functional and effective connectivity. *Neuroimage*, 62(3), 1780-1791. doi: 10.1016/j.neuroimage.2012.06.008
- Shih\*, P., **Keehn, B.**, Oram, J., Leyden, K.M., Keown, C.L., & Müller, R-A. (2011). Atypical maturation and functional differentiation of superior temporal sulcus in autism: An fcMRI study. *Biological Psychiatry*, 70(3), 270-277. doi: 10.1016/j.biopsych.2011.03.040
- Müller\*, R-A., Shih, P., **Keehn, B.**, Deyoe, J., Leyden, K.M, & Shukla, D.K. (2011). Underconnected, but how? A survey of functional connectivity MRI studies in autism spectrum disorders. *Cerebral Cortex*, 21(10), 2233-2243. doi: 10.1093/cercor/bhq296
- Shukla\*, D.K., **Keehn, B.**, Smylie, D.M., & Müller, R-A. (2011). Microstructural abnormalities of short-distance white matter fiber tracts in autism spectrum disorder. *Neuropsychologia*, 49(5), 1378-1382. doi: 10.1016/j.neuropsychologia.2011.02.022
- Shukla\*, D.K., **Keehn, B.**, & Müller, R-A. (2011). Tract-specific analyses of diffusion tensor imaging show widespread white matter compromise in autism spectrum disorder. *Journal of Child Psychology and Psychiatry*, 52(3), 286-295. doi: 10.1111/j.1469-7610.2010.02342.x
- McPartland\*, J.C., Webb, S.J., **Keehn, B.**, & Dawson, G. (2011). Patterns of visual attention to faces and objects in autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 41(2), 148-157. doi: 10.1007/s10803-010-1033-8

Shukla\*, D.K., **Keehn, B.**, Lincoln, A.J., & Müller, R-A. (2010). White matter compromise of callosal and subcortical fiber tracts in children with autism spectrum disorders. *Journal of the American Academy of Child and Adolescent Psychiatry*, 49(12), 1269-1278. doi: 10.1016/j.jaac.2010.08.018

**Keehn\***, B., Lincoln, A.J., Müller, R-A. & Townsend, J. (2010). Attentional networks in children and adolescents with autism spectrum disorder. *Journal of Child Psychology and Psychiatry*, 51(11), 1251-1259. doi: 10.1111/j.1469-7610.2010.02257.x

Shih\*, P., Shen, M., Öttl, B., **Keehn, B.**, Gaffrey, M.S., & Müller, R-A. (2010). Atypical network connectivity for imitation in autism spectrum disorder. *Neuropsychologia*, 48(10), 2931-2939. doi: 10.1016/j.neuropsychologia.2010.05.035

Shukla\*, D.K., **Keehn, B.**, & Müller, R-A. (2010). Regional homogeneity of fMRI time series in autism spectrum disorders. *Neuroscience Letters*, 476(1), 46-51. doi: 10.1016/j.neulet.2010.03.080

Joseph\*, R. M., **Keehn, B.**, Connolly, C., Wolfe, J., & Horowitz, T. (2009). Why is visual search superior in autism spectrum disorder? *Developmental Science* 12(6), 1083-1096. doi: 10.1111/j.1467-7687.2009.00855.x

**Keehn\***, B., Brenner, L.A., Ramos, A.I., Lincoln, A.J., Marshall, S.P., & Müller, R-A. (2009). Brief report: Eye-movement patterns during an embedded figures test in individuals with ASD. *Journal of Autism and Developmental Disorders* 39(2), 383-387. doi: 10.1007/s10803-008-0608-0

**Keehn\***, B. & Joseph, R.M. (2008). Impaired prioritization of novel onset stimuli in autism spectrum disorder. *Journal of Child Psychology and Psychiatry*, 49(12), 1296-1303. doi: 10.1111/j.1469-7610.2008.01937.x

**Keehn\***, B., Brenner, L., Palmer, E., Lincoln, A. J., & Müller, R-A. (2008). Functional brain organization for visual search in ASD. *Journal of the International Neuropsychological Society*, 14(6), 990-1003. doi: 10.1017/S1355617708081356

Joseph\*, R. M., Ehrman, K., McNally, R., & **Keehn, B.** (2008). Affective response to eye contact and face recognition ability in children with ASD. *Journal of the International Neuropsychological Society*, 14(6), 947-955. doi: 10.1017/S1355617708081344

### **BOOK CHAPTERS**

**Keehn\***, B. (2020). Attentional Disengagement. In F. Volkmar (Ed), *Encyclopedia of Autism Spectrum Disorders* (2 ed.). New York, NY: Springer.

Townsend\*, J., **Keehn, B.**, & Westerfield, M. (2011). "Abstraction of mind": Attention in autism. In M. I Posner (Ed.), *Cognitive Neuroscience of Attention* (2nd ed.). New York, NY: Guilford Press.

**CONFERENCE PRESENTATIONS** [superscript letters indicate co-author(s) mentored by the candidate: <sup>u</sup>undergraduate student, <sup>g</sup>graduate student, <sup>p</sup>postdoctoral scientist]

### **International**

**Keehn, B.**, Enneking, B., Ryan, T., Martin, A. M., Paxton, & McNally Keehn, R. (2023, May). Leveraging eye-tracking biomarkers to improve ASD diagnostic accuracy in the primary care setting. Poster presented at the International Society for Autism Research Meeting, Stockholm, Sweden.

McNally Keehn, R., Tang, Q., Enneking, B., Ryan, T., Martin, A. M., Paxton, A., Monahan, P., Ciccarelli, M., & **Keehn, B.** (2023, May). Accuracy of the Screening Tool for Autism in Toddlers (STAT) in the primary care setting. Poster presented at the International Society for Autism Research Meeting, Stockholm, Sweden.

- Griffin, J., Dawson, G., Webb, S., **Keehn, B.**, & McPartland, J. (2023, May). Autistic individuals do not alter visual processing strategy during encoding versus recognition of faces: A hidden markov modeling approach. Poster presented at the International Society for Autism Research Meeting, Stockholm, Sweden.
- Neo, W., Foti, D., **Keehn, B.**, & Kelleher, B. (2023, May). Increased absolute and relative gamma power and reduced relative alpha power in autism: A meta-analysis of resting-state EEG power across canonical frequency bands. Poster presented at the International Society for Autism Research Meeting, Stockholm, Sweden.
- Kim<sup>g</sup>, Y., Saunders<sup>u</sup>, A. W., Rozniarek<sup>u</sup>, R. N., Cortes<sup>u</sup>, K., Hamilton<sup>u</sup>, A. F., Schieber<sup>u</sup>, S. E., Schneider, D., & **Keehn, B.** (2023, May). Understanding the relationship between the interdependence of attentional networks and the locus coeruleus – norepinephrine (LC-NE) system and ASD traits: A pupillometry and ERP study. Poster presented at the International Society for Autism Research Meeting, Stockholm, Sweden.
- Panjwani, A. A., Bailey, R. L., Bowman, A., DeMaria, A., Felicicchia, R., Foti, D., Freeman, J., Hensel, J., **Keehn, B.**, Lane, S., Lindemann, S., Liu, S., McCormick, C., McNally Keehn, R., Paschou, P., Rispoli, M., Rochet, C., Schwichtenberg, A. J., Sereno, A., Shin, C., Wells, E., Kelleher, B. L. (2023, May). Feasibility and acceptability of a home-based collection method for identifying risk factors for autism spectrum disorder. Poster presented at the International Society for Autism Research Meeting, Stockholm, Sweden.
- Kadlaskar<sup>g</sup>, G., Enneking, B., Hamrick, L., Ryan, T., McNally Keehn, R., & **Keehn, B.** (2022, July). Response to social and non-social tactile stimuli in children with and without autism spectrum disorder. Poster presented at the International Congress for Infant Studies, Ottawa, Canada.
- Kadlaskar<sup>g</sup>, G., Seidl, A., Tager-Flusberg, H., Nelson, C.A., & **Keehn, B.** (2020, July). Caregiver touch-speech communication and infants responses in 12-month-olds at high risk for autism spectrum disorder. Paper presented at the International Congress for Infant Studies, Glasgow, Scotland.
- Edmondson<sup>g</sup>, D.A., Xia, P., **Keehn, B.**, & Dydak, U. (2019, June). An MRS investigation of superior visual search abilities in children with autism spectrum disorder: Evidence for enhanced top-down attentional filtering. Paper presented at the International Society for Magnetic Resonance in Medicine Meeting, Montreal, Canada.
- Keehn, B.**, Kadlaskar<sup>g</sup>, G., & McNally Keehn, R. (2018, May). Attentional disengagement and the locus coeruleus – norepinephrine system in children with autism spectrum disorder. Poster presented at the International Society for Autism Research Meeting, Montreal, Canada.
- Kadlaskar<sup>g</sup>, G., **Keehn, B.**, Seidl, A., Tager-Flusberg, H., & Nelson, C.A. (2018, May). Caregiver-infant tactile communication in infants at-risk for autism spectrum disorder. Poster presented at the International Society for Autism Research Meeting, Montreal, Canada.
- Edmondson<sup>g</sup>, D.A., Xia, P., **Keehn, B.**, & Dydak, U. (2018, June). Cortical GABA levels correlate with visual search performance in children with autism spectrum disorder. Paper presented at the International Society for Magnetic Resonance in Medicine Meeting, Paris, France.
- Kadlaskar<sup>g</sup>, G., **Keehn, B.**, Seidl, A., Tager-Flusberg, H., & Nelson, C.A. (2018, May). Atypical response to caregiver touch in infants at risk for autism spectrum disorder. Poster presented at the International Society for Autism Research Meeting, Rotterdam, Netherlands.
- Keehn, B.**, Wagner, J., Tager-Flusberg, H., & Nelson, C.A. (2013, May). The role of attentional disengagement on the emergence of joint attention and arousal regulation: A study of infants at-risk for ASD. Poster presented at the International Meeting for Autism Research, San Sebastian, Spain.
- Wagner, J., **Keehn, B.**, Marshall, S., Fox, S., Tager-Flusberg, H., & Nelson, C.A. (2013, May). Neural responses to familiar and unfamiliar faces in infants at high-risk for ASD: A near-infrared spectroscopy study. Poster presented at the International Meeting for Autism Research, San Sebastian, Spain.

**Keehn, B.**, Luyster, R., Vogel-Farley, V., Tager-Flusberg, H., & Nelson, C.A. (2012, May). Gamma-band activity and coherence in response to familiar and unfamiliar faces in infants at-risk for autism spectrum disorder. Paper presented at the International Meeting for Autism Research, Toronto, Canada.

Spradling, J., **Keehn, B.**, & Müller, R-A. (2010, June). The relationship between cortical thickness and the efficiency of attentional networks in autism. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Barcelona, Spain.

**Keehn, B.**, Brenner, L.A., Palmer, E., Lincoln, A.J., & Müller, R-A. (2008, May). fMRI investigation of visual search in autism spectrum disorder. Paper presented at the International Meeting for Autism Research. London, England.

Sanchez, S., **Keehn, B.**, Brenner, L.A., Marshall, S.P., & Müller, R-A. (2008, May). Oculomotor correlates of enhanced visual search in autism spectrum disorder: A study of binocular coordination. Paper presented at the International Meeting for Autism Research. London, England.

Shukla, D.K., **Keehn, B.**, Brenner, L.A., & Müller, R-A. (2008, November). Regional homogeneity of fMRI activation in autism. Poster presented at Neuroscience, Washington D.C.

Joseph, R.M, **Keehn, B.**, & Connolly, C. (2006, June). Mechanisms underlying superior visual search in autism. Paper presented at International Meeting for Autism Research, Montreal, Canada.

**Keehn, B.**, Connolly, C., & Joseph, R.M. (2006, June). Implicit face perception in autism. Poster presented at International Meeting for Autism Research, Montreal, Canada.

#### National

Kim<sup>§</sup>, Y., Saunders<sup>¶</sup>, A. W., Rozniarek<sup>¶</sup>, R. N., Cortes<sup>¶</sup>, K., Hamilton<sup>¶</sup>, A. F., Schieber<sup>¶</sup>, S. E., Schneider, D., & **Keehn, B.** (2022, November). Interdependence of alerting and executive control networks is associated with ASD and ADHD traits: The locus coeruleus - norepinephrine (LC-NE) system using pupillometry and ERP. Poster presented at the Neuroscience 2022, San Diego, CA.

Martin, A. M., Ciccarelli, M., **Keehn, B.**, Paxton, A., & McNally Keehn, R. (2022, October). Relationship between race, ethnicity, and clinical profiles of young children evaluated for autism in the primary care setting. Poster presented at the Annual Meeting for the Society for Development and Behavioral Pediatrics, Denver, CO.

Huskins, J., Martin, A. M., Paxton, A., Ciccarelli, M., Nafisheh, A., **Keehn, B.**, & McNally Keehn, R. (2022, October). Caregiver satisfaction with a community model of autism diagnosis within the primary care setting. Poster presented at the Annual Meeting for the Society for Development and Behavioral Pediatrics, Denver, CO.

Lory<sup>§</sup>, C., Rispoli, M., **Keehn, B.**, Mason, R., & Mason, B. (2022, May). Integrated assessment of repetitive behavior and heart rate variability through functional analysis and wearable technology. Paper presented at the Association for Behavioral Analysis International Annual Convention, Seattle, WA.

**Keehn, B.**, Kadlaskar<sup>§</sup>, G., & McNally Keehn, R. (2022, May). Attentional strengths and weaknesses in autism spectrum disorder: The role of the locus coeruleus – norepinephrine system. Paper presented at the International Society for Autism Research Meeting, Austin, TX.

McNally Keehn, R., Enneking, B., Hamrick, L., Ryan, T., Kadlaskar<sup>§</sup>, G., Paxton, A., Monahan, P., Swigonski, N., Ciccarelli, M., & **Keehn, B.** (2022, May). Diagnostic accuracy within a statewide system of ASD evaluation. Paper presented at the International Society for Autism Research Meeting, Austin, TX.



- Lory<sup>g</sup>, C., Kang, S., King<sup>g</sup>, C., Crosley, H., Mason, R., & **Keehn, B.** (2021, May). Ecobehavioral assessment of instructional responding of college students with ASD in active learning classes. Poster presented at the Association for Behavioral Analysis International Annual Convention, Online only.
- Lory<sup>g</sup>, C., Rispoli, M., Mason, R., **Keehn, B.**, & Mason, B., (2021, May). Examining sub-functions of automatically maintained stereotypy in children with ASD through a modified functional analysis. Poster presented at the Association for Behavioral Analysis International Annual Convention, Online only.
- Kim<sup>g</sup>, Y., Kadlaskar<sup>g</sup>, G., Bergmann<sup>u</sup>, S., & **Keehn, B.** (2021, May). Measures of tonic and phasic activity of the locus coeruleus – norepinephrine system in children with autism spectrum disorder. Poster presented at the International Society for Autism Research Meeting, Boston, MA.
- Keehn, B.**, Kadlaskar<sup>g</sup>, G., Bergmann<sup>u</sup>, S., & McNally Keehn, R. (2020, May). Understanding attentional strengths and weaknesses in autism spectrum disorder. Poster accepted at the International Society for Autism Research Meeting, Seattle, WA. (Conference cancelled)
- King<sup>g</sup>, C., Lory, C., Kang, S., Bergmann<sup>u</sup>, S., Mason, R., & **Keehn, B.** (2020, May). The impact of auditory distractors on visual search and classroom performance in college students with ASD. Poster accepted at the International Society for Autism Research Meeting, Seattle, WA. (Conference canceled)
- Kadlaskar<sup>g</sup>, G., Bergmann<sup>u</sup>, S., McNally Keehn, R., Seidl, A., & **Keehn, B.** (2020, May). Tactile processing in children with ASD: A behavioral and electrophysiological study. Poster accepted at the International Society for Autism Research Meeting, Seattle, WA. (Conference canceled)
- McNally Keehn, R., Kadlaskar<sup>g</sup>, G., Paxton, A., **Keehn, B.**, Ciccarelli, M., & Swigonski, N. (2020, May). Validation of a statewide system of early ASD diagnosis: A preliminary report on diagnostic accuracy. Poster accepted at the International Society for Autism Research Meeting, Seattle, WA. (Conference canceled)
- Chukoskie, L., Vong, D., Rengarajan, S., **Keehn, B.**, & Townsend, J. (2020, May). Characterizing the metrics and timing of saccadic eye movements in children and adolescents with ASD. Poster accepted at the International Society for Autism Research Meeting, Seattle, WA. (Conference canceled)
- Pierce<sup>u</sup>, S., Kadlaskar<sup>g</sup>, G., & **Keehn, B.** (2019, October). Associations between resting-state EEG alpha-band power and atypical sensory processing and social communication impairments in children with autism spectrum disorder. Poster presented at Neuroscience, Chicago, IL.
- Keehn, B.**, Kadlaskar<sup>g</sup>, G., & McNally Keehn, R. (2019, October). Measures of tonic and phasic activity of the locus coeruleus – norepinephrine system in children with autism spectrum disorder. Poster presented at Neuroscience, Chicago, IL.
- Lory<sup>g</sup>, C., Kadlaskar<sup>g</sup>, G., McNally Keehn, R., & **Keehn, B.** (2019, October). Reduced heart rate variability and children and adolescents with autism spectrum disorder. Poster presented at Michigan Autism Conference, Kalamazoo, MI.
- Mash, L.E., **Keehn, B.**, Gao, Y., Townsend, J., Liu, T.T., & Müller, R.-A. (2018, November) Atypical links between EEG and fMRI connectivity measures in autism spectrum disorders. Paper presented at Neuroscience, San Diego, CA.
- Keehn, B.**, Wagner, J., Tager-Flusberg, H., & Nelson, C.A. (2017, May). ‘Sticky attention’ and the development of impaired social orienting and atypical arousal regulation in infants at high risk for ASD. Poster presented at the International Meeting for Autism Research, San Francisco, CA.
- Keehn, B.**, Westerfield, M., Müller, R.-A., & Townsend, J. (2017, April). An electrophysiological study of attentional capture in autism spectrum disorder. Poster presented at the Society for Research in Child Development, Austin, TX.

- Keehn, B.** & Joseph, R. M. (2016, May). Exploring what's missing: What do target absent trials reveal about autism search superiority? Paper presented at the International Meeting for Autism Research, Baltimore, MD.
- Jao Keehn, J., Sanchez, S. S., Stewart, C. R., Zhao, W., Grenesko, E. L., **Keehn, B.**, & Müller, R-A. (2016, May). Children with ASD fail to downregulate visual cortex during auditory processing. Poster presented at the International Meeting for Autism Research, Baltimore, MD.
- Wagner, J., **Keehn, B.**, Tager-Flusberg, H., & Nelson, C.A. (2015, May). Attention shifting from emotional faces in high-risk infants and relations with later social-communicative behavior. Poster presented at the International Meeting for Autism Research, Salt Lake City, UT.
- Keehn, B.**, Mumanachit<sup>1</sup>, S., Tager-Flusberg, H., & Nelson, C.A. (2015, March). Impaired social orienting in 'unaffected' siblings of children with autism spectrum disorder: A behavioral and event-related potential study. Paper presented at the biennial meeting the Society for Research in Child Development, Philadelphia, PA.
- Keehn, B.**, Rasheed, M., Siyal, S., Lee<sup>1</sup>, M., Valdez<sup>1</sup>, V., Obradović, J., Yousafzai, A., & Nelson, C.A. (2014, October). The effects of early childhood intervention on brain development in a disadvantaged population in rural Pakistan. Poster presented at Grand Challenges Annual Meeting, Seattle, WA.
- Keehn, B.**, Martin<sup>1</sup>, J., Mumanachit<sup>1</sup>, S., Tager-Flusberg, H., & Nelson, C.A. (2014, May). Behavioral and electrophysiological evidence of impaired social orienting in 'unaffected' siblings of children with autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Atlanta, GA.
- Ghane, M., Nair, A., **Keehn, B.**, Keown, C., Shih, P., Townsend., & Müller, R-A. (2012, March). Attention networks in autism spectrum disorders: A functional connectivity MRI study. Poster presented at the Cognitive Neuroscience Society Meeting, Chicago, IL.
- Keehn, B.**, Shih, P., Nair, A., Khan, A., Westerfield, M., Lincoln, A.J., Townsend, J., & Müller, R-A. (2011, May). Attentional capture in ASD: A combined fMRI-EEG study. Poster presented at the International Meeting for Autism Research, San Diego, CA.
- Spradling, J., Shukla, D.K., **Keehn, B.**, & Müller, R-A. (2011, May). The relationship between white matter integrity and attentional efficiency in children with autism spectrum disorder. Poster presented at the International Meeting for Autism Research, San Diego, CA.
- Keehn, B.**, Westerfield, M., Lock, C., Vo, K., Zinni, M., Trauner, D., & Townsend, J. (2010, November). A comparison of overt visuospatial orienting abilities in children with autism, Williams syndrome, specific language impairment, perinatal brain lesions, and typical development. Paper presented at Neuroscience, San Diego, CA.
- Shih, P., **Keehn, B.**, Oram, J., Leyden, K.M., Keown, C.L., & Müller, R-A. (2010, November). Atypical maturation and functional segregation within the posterior superior temporal sulcus in autism spectrum disorder. Paper presented at Neuroscience, San Diego, CA.
- Cardinale, R.C., Shih, P., Keown, C.L., **Keehn, B.**, & Müller, R-A. (2010, November). Atypical lateralization of networks in autism spectrum disorder as detected by independent component analysis. Paper presented at Neuroscience, San Diego, CA.
- Keown, C.L., Shih, P., **Keehn, B.**, & Müller, R-A. (2010, November). Investigation of functional networks with independent component analysis in autism spectrum disorder. Paper presented at Neuroscience, San Diego, CA.
- Leyden, K.M., Shih, P., **Keehn, B.**, & Müller, R-A. (2010, November). Atypical asymmetries of cortical thickness

in autism spectrum disorder. Poster presented at Neuroscience, San Diego, CA.

- Keehn, B.**, Brenner, L.A., Shih, P., Lincoln, A.J., & Müller, R-A. (2010, May). Functional activation and connectivity of dorsal and ventral attention networks in autism spectrum disorder: An fMRI study of visual search. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
- Shukla, D.K., **Keehn, B.**, & Müller, R-A. (2010, May). Reduced white matter integrity of the default mode network in children with autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
- Shih, P., **Keehn, B.**, Oram, J., Leyden, K.M., & Müller, R-A. (2010, May). Reduced differentiation of functional networks subserved by posterior superior temporal sulcus in autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.
- Shukla, D.K., **Keehn, B.**, Lincoln, A.J., & Müller, R-A. (2009, June). Tract-specific patterns of white matter compromise in autism spectrum disorder. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, San Francisco, CA.
- Shih, P., Shen, M., Öttl, B., **Keehn, B.**, Gaffrey, M.S., & Müller, R-A. (2009, June). Functional and effective connectivity of the mirror neuron system in autism spectrum disorder. Poster presented at the Organization for Human Brain Mapping, San Francisco, CA.
- Sanchez, S., Stewart, C.R., Deyoe, J., Grenesko, E., **Keehn, B.**, & Müller, R-A. (2009, June). Bisensory integration in autism spectrum disorder: A fMRI study. Poster presented at the Organization for Human Brain Mapping, San Francisco, CA.
- Keehn, B.**, Lincoln, A.J., Müller, R-A., & Townsend, J. (2009, May). A study of attentional networks in individuals with autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Keehn, B.**, Westerfield, M., Lincoln, A.J., & Townsend, J. (2009, May). Attention and cross-modal integration in children with autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Shukla, D.K., **Keehn, B.**, Lincoln, A.J., & Müller, R-A. (2009, May). Probabilistic DTI tractography shows compromised connectivity between regions of atypically increased activity in children with autism spectrum disorder. Paper presented at the International Meeting for Autism Research, Chicago, IL.
- Jensen, B., **Keehn, B.**, Brenner, L.A., Lincoln, A.J., Marshall, S.P., & Müller, R-A. (2009, May). Increased eye-blink rate in autism spectrum disorder may reflect dopaminergic abnormalities. Poster presented at the International Meeting for Autism Research, Chicago, IL.
- Shen, M., Gaffrey, M., **Keehn, B.**, Villalobos, M., Shukla, D., & Müller, R-A. (2008, November). Functional connectivity of extrastriate cortex in autism: An fcMRI study of semantic decision. Paper presented at Neuroscience, Washington D.C.
- Shukla, D.K., **Keehn, B.**, Brenner, L.A., & Müller, R-A. (2008, November). Regional homogeneity of fMRI activation in autism. Poster presented at Neuroscience, Washington D.C.
- Keehn, B.**, Brenner, L.A., Ramos, A.I., Lincoln, A.J., Marshall, S.P., & Müller, R-A. (2007, November). An eye-tracking investigation of embedded figures performance in individuals with autism. Poster presented at Neuroscience, San Diego, CA.
- Horowitz, T.S., Wolfe, J.M., **Keehn, B.**, Connolly, C., & Joseph, R.M. (2007, May). Is superior visual search in autism due to memory in search? Poster presented at the Vision Sciences Society, Sarasota, FL.

- Keehn, B.**, Fine, A., Connolly, C., & Joseph, R.M. (2007, May). Slowed visual search in the absence of top-down information in autism. Poster presented at International Meeting for Autism Research, Seattle, WA.
- Keehn, B.**, Fine, A., Connolly, C., & Joseph, R.M. (2007, April). Bottom-up modulation of attention in autism: A visual search experiment. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Joseph, R.M., Verbalis, A., McNally, R., **Keehn, B.**, Connolly, C., & Tager-Flusberg, H. (2005, May). Developing a quantitative measure of face emotion recognition in autism. Poster presented at the International Meeting for Autism Research, Boston, MA.
- McNally, R., **Keehn, B.**, Connolly, C., Dominick, K., Joseph, R.M. (2005, May). Affective dysregulation and repetitive behaviors in autism. Poster presented at the International Meeting for Autism Research, Boston, MA.
- McPartland, J. Dawson, G., Webb, S., & **Keehn, B.** (2005, May). Patterns of visual attention and face recognition in Asperger Syndrome. Paper presented at the International Meeting for Autism Research, Boston, MA.
- McPartland, J. Dawson, G., Webb, S., & **Keehn, B.** (2005, April). Object form and face recognition impairments in Asperger Syndrome. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.

#### **INVITED TALKS**

- Keehn, B.** (2024, April). Eye-tracking biomarker and autism diagnosis in primary care. Early Autism Evaluation Hub System Collaborative, Indiana University School of Medicine, Indianapolis, IN.
- Keehn, B.** (2023, November). The Alama Project: Autism outcomes and neurobehavioral markers in young children born to mothers with HIV in Kenya. Indiana University School of Medicine, Indianapolis, IN.
- Keehn, B.** (2023, May). Integrating community-based clinical and biobehavioral approaches to reduce autism diagnostic delays. Indiana University School of Medicine, Indianapolis, IN.
- Keehn, B.** (2021, December). Attentional strengths and weaknesses in autism spectrum disorder: The role of the locus coeruleus – norepinephrine system. Purdue University, Cognitive Psychology Colloquium, West Lafayette, IN.
- Keehn, B.** (2021, September). Associations between sensory processing and electrophysiological and neurochemical measures in children with ASD: An EEG-MRS study. Purdue University, Purdue Autism Research Center Colloquium, West Lafayette, IN.
- Keehn, B.** (2020, February). ‘Abstraction of mind’: Attention in autism spectrum disorder. Purdue University, Human Development and Family Studies Colloquium, West Lafayette, IN.
- Keehn, B.** (2019, October). The locus coeruleus – norepinephrine system and attention in autism. Purdue University, Neuroscience Colloquium, West Lafayette, IN.
- Keehn, B.** (2019, September). Atypical auditory attentional disengagement in autism spectrum disorder. Purdue University, Cognitive Psychology Colloquium, West Lafayette, IN.
- Keehn, B.** (2018, October). The brain bases of atypical attentional reorienting in ASD. Purdue University, Purdue Autism Research Conference, West Lafayette, IN.
- Keehn, B.** (2017, November). An fMRI and EEG study of attentional capture in autism spectrum disorder. Purdue University, Cognitive Psychology Colloquium, West Lafayette, IN.

- Keehn, B.** (2015, November). Failing to specialize? Evidence of reduced cerebral lateralization from processing strengths and weaknesses in autism spectrum disorder. Purdue University, Clinical Psychology Colloquium, West Lafayette, IN.
- Keehn, B.** (2014, October). Understanding superior visual search skills in autism spectrum disorder. Purdue University, Cognitive Psychology Colloquium, West Lafayette, IN.
- Keehn, B.** (2013, October). Functional connectivity in infants at high risk for autism: An fcNIRS study. MIT, Simons Center for the Social Brain, Cambridge, MA.
- Keehn, B.** (2013, June). Attention and the emergence of autism spectrum disorder. Massachusetts General Hospital, North Shore Medical Center, Salem, MA.
- Keehn, B. & Müller, R-A.** (2010, August). Eye movements and attention in autism spectrum disorders. Paper presented at the American Psychological Association Annual Convention, San Diego, CA.

## **PROFESSIONAL SERVICE**

### **Editorial Board Member**

Autism Research  
Journal of Autism and Developmental Disorders

### **Ad Hoc Reviewer**

*American Journal of Psychiatry*, 2012-2017, 2020-2021; *Autism Research*, 2013-2024; *Autism*, 2015-2018; *Brain Imaging and Behavior*, 2014; *Brain Research*, 2018; *Brain Science*, 2020; *Child Development*, 2009, 2013, 2015; *Current Directions in Psychological Science*, 2022; *Developmental Cognitive Neuroscience*, 2015; *Developmental Psychology*, 2013, 2014; *Developmental Science*, 2012, 2013, 2015; *Frontiers in Human Neuroscience*, 2013, 2020; *Frontiers in Integrative Neuroscience*, 2021; *Journal of Autism and Developmental Disorders*, 2010-2024; *Journal of Cognition*, 2020, 2023, 2024; *Journal of Communication Disorders*, 2019; *Journal of Developmental and Physical Disabilities*, 2019, 2020; *Journal of the International Neuropsychological Society*, 2021; *Journal of Neurodevelopmental Disorders*, 2015-2021; *Journal of Neuroscience*, 2019; *Language, Learning, and Development*, 2022, 2023; *Molecular Autism*, 2019, 2020; *Neuroimage: Clinical*, 2015; *Neuroscience and Biobehavioral Reviews*, 2014, 2017; *PLOS One*, 2013-2015; *Research in Autism Spectrum Disorders*, 2022; *Scientific Reports*, 2020-2021; *Science Translational Medicine*, 2021; *Translational Psychiatry*, 2021

### **Grant Reviewer**

Regional:

Indiana Clinical and Translational Sciences Institute (CTSI), 2023

National:

Autism Speaks, 2023

NIH, Special Emphasis Panel, Child Psychopathology and Developmental Disabilities Study Section, ad hoc reviewer, November 2019

NIH, Special Emphasis Panel, Child Psychopathology and Developmental Disabilities Study Section, ad hoc reviewer, January 2019

NIH, Child Psychopathology and Developmental Disabilities Study Section, ad hoc reviewer, 2015

International:

UK Research and Innovation, Economic and Social Research Council (United Kingdom granting organization), ad hoc reviewer, 2020

National Science Centre (Polish granting organization), ad hoc reviewer, 2016

### **Reviewer for Society Meetings**

International Meeting for Autism Research Abstract Reviewer, 2015 - 2024

## **TEACHING EXPERIENCE**

### **Instructor**

Department of Speech, Language, and Hearing Sciences, Purdue University

Department of Psychological Sciences

SLHS 418 / PSY 418 / HDFS 418: Understanding Autism	Sp 15, 24; F 15-23
SLHS 519 / PSY 591: Developmental Cognitive Neuroscience	F 15; Sp 15, 16, 18, 20
SLHS 525: Language and Social Communication in Autism	Sp 16, F 16-20, 23
SLHS 519: Evidence-Based Practice I	Sp 21, 23
HONR 399: Autism Spectrum Disorder	Sp 18, 20
SLHS 619: Eye-Tracking Methodology and Applications	F 22

Department of Psychology, Harvard University

PSY 980b: Developmental Disabilities	Sp 14
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Department of Psychology, Northeastern University

PSYC 2320: Statistics in Psychological Research	F 13
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### **Research Supervision**

*Graduate thesis committee chair:* Kim, Y., in progress (Purdue); Kadlaskar, G., 2020 (Purdue); King, C., 2021 (Purdue); Rotondo, M., 2017 (Purdue); Twyman, A., 2017 (Purdue); *Graduate thesis committee member:* Neo, W., in progress (Purdue); Chong, P., 2022 (Purdue); Alvar, A., 2021 (Purdue); Hill, K., 2020 (Purdue); Lory, C., 2021 (Purdue); Kissinger, S., 2019 (Purdue); Ryan Peters, 2019 (Purdue); Griffin-Oliver, C., 2018 (Purdue); Brooks, M., 2018 (Purdue); Ancel, E., 2018 (Purdue); Shamloo, F., 2016 (Purdue); Ghane, M., 2012 (SDSU); *Undergraduate senior theses:* Schieber, S. 2023 (Purdue); Hamilton, A., 2022 (Purdue); Pierce, S., 2020 (Purdue); Beckman, P., 2020 (Purdue); Clafin, S., 2019 (Purdue); Hornung, T., 2018 (Purdue); Martin, J., 2013 (Harvard); Mumanachit, S., 2013 (Harvard); Lee, M., 2015 (Harvard)

### **AWARDS AND HONORS**

2022	Societal Impact Fellowship
2019	Purdue University Focus Award (as part of the Purdue Autism Cluster)
2012	International Society for Autism Research Dissertation Award
2010	San Diego State University Travel Award
2009	Inamori Fellowship Award
2008	International Meeting for Autism Research Student Travel Award

### **PROFESSIONAL MEMBERSHIPS**

2007 –	Society for Neuroscience
2007 –	Society for Research on Child Development
2005 –	International Society for Autism Research