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Purdue University
College of Health and Human Sciences
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EDUCATION

2008 – 2012		University of California, Davis, CA Department of Psychiatry and Behavioral Sciences Postdoctoral Fellow
2004 – 2008	Ph.D.	University of Wisconsin, Madison, WI Human Development and Family Studies
2001 – 2004	M.S.	University of Wisconsin, Madison, WI Human Development and Family Studies
1994 – 1997	B.A.	Hamline University, St. Paul, MN Psychology and Communications

ACADEMIC APPOINTMENTS

2019 – Present	Associate Professor
2013 – 2019	Assistant Professor Department of Human Development and Family Studies Courtesy appointments in Department of Psychological Sciences; Department of Speech, Language, and Hearing Sciences Purdue University, West Lafayette, IN
2008 – 2012	Postdoctoral Trainee/Fellow Department of Psychiatry and Behavioral Sciences University of California, Davis, CA
2005 – 2008	Predoctoral Fellow Department of Human Development and Family Studies University of Wisconsin, Madison, WI

AWARDS AND HONORS

2022	Focus Award, Office of Institutional Equity, Purdue University (Presented for outstanding contributions to disability accessibility and diversity.)
2017, 2021	Undergraduate Research Enhancement Award, Center for Families, Purdue University
2017	Sleep Research Society, Outstanding Early Investigator Nominee
2011 – 2013	NIH Loan Repayment Award, NIMH Extramural Pediatric Division
2005, 2006, 2007	Human Development and Family Studies Graduate Student Excellence Award, University of Wisconsin
2003, 2006	School of Human Ecology Graduate Research Scholarship, University of Wisconsin
2005	Friends of the Waisman Center Alvin L. Berman and Ruth Bleier Memorial Research Award, Waisman Center, University of Wisconsin
2002, 2005	Graduate Student Council Graduate Student Mentor Award, University of Wisconsin
2002 – 2003	Writing Across the Curriculum TA Fellow, University of Wisconsin
2002, 2003	School of Human Ecology Graduate Program Scholarship, University of Wisconsin

Travel Awards

2017-2018	Purdue Research Foundation, International Travel Award
2013-2014	Purdue Research Foundation, International Travel Award
2007	Vilas Travel Grant, University of Wisconsin, Graduate School
2006	Sleep Research Society First Time Travel Award, Sleep Research Society
2005	Tjossem Travel Award, Gatlinburg Conference on Developmental Disabilities
2003 – 2007	Jean Alford Myers Travel Award, University of Wisconsin

SELECT RESEARCH FUNDING

Pending and Ongoing Research Support

Indiana CTSI, Collaboration in Translational Research

Schwichtenberg, Moding, Honaker (PIs) 05/01/2022 – 04/30/2024

Sleep, feeding, and obesity risk during infancy in African American and Latinx families

Within this study, we aim to understand how African American (AA) and Latinx (LX) cultural/family norms, resources, and stress inform obesogenic parenting behaviors. We will investigate intersections between infant sleep, feeding, and parenting on obesity risk among AA and LX families.

Angelman Syndrome Foundation Capal (PI) 01/01/2022-01/01/2024

Recruitment and Deep Phenotyping of Infants with Angelman Syndrome to Enable Early Treatment

This project aims to develop a recruitment infrastructure and a deep phenotyping protocol for young children with Angelman Syndrome to identify actionable biomarkers for upcoming clinical trials, including gene therapies.

Role: Consultant (responsible for the sleep portion of the study)

R01 HD106413 09/07/2021 – 09/06/2026

Multi-site, longitudinal trial evaluating the efficacy, mechanisms, and moderators of service dogs for military Veterans with PTSD

This multi-site randomized clinical trial aims to understand how, why, and for whom the PTSD service dog intervention is most efficacious.

Role: Co-investigator (responsible for sleep portions of the study)

Autism Science Foundation Bhatt (PI) 07/15/2021-07/14/2022

Linking early fine motor skills to the development of language in infants

Using this data from the Baby Siblings Research Consortium (BSRC) database, this study will assess developmental cascades between early motor skills and later language development for children at typical and elevated risk for autism.

Role: Co-investigator

Autism Science Foundation Girault (PI) 07/15/2021-07/14/2022

Familial genetic liability, risk for recurrence, and behavioral development in autism

Using this data from the Baby Siblings Research Consortium (BSRC) database, this study will assess (1) if recurrence risk is associated with variations in familial liability for ASD and (2) associations between proband traits and infant sibling behavioral development in the first three years of life.

Role: Co-investigator

R03 HD104084 Schwichtenberg/Shen (PIs) 12/01/2020-11/31/2022
Sleep, the glymphatic system, and social communication development
Using data from the Baby Connectome Project, this study will assess the role(s) of early sleep problems on the glymphatic system and early social communication skills.
Role: Co-PI

F31 HD101282 Kellerman (PI) 09/01/2020-8/31/2022
Temporal dyadic processes in autism risk and treatment
This training grant includes the application of two temporal-based analytic approaches, state-space grids and time varying effect models, to two early autism risk and intervention cohorts.
Role: Primary Mentor

PIIN Schwichtenberg (PI) 07/01/2020-03/01/2022
Purdue Institute for Integrative Neuroscience
Improving neuroimaging estimates of the glymphatic system during sleep
To inform autism and neurodevelopmental risk this study focuses on the glymphatic system and how best to capture developmental and sleep-related change in this system.
Role: PI

PIIN Kelleher/McCormick (Co-PI) 07/01/2020-09/01/2022
Purdue Institute for Integrative Neuroscience
Patient-centered biosensors to advance clinical research in autism and additional "neuro Δ " disorders
This initiative aims to develop a pipeline for rapid, patient-oriented biosensor development for use in clinical trials for autism and other neuro disorders (e.g., Parkinson's, Alzheimer's).
Role: Co-Investigator

Completed Research Support

Discovery Park Kelleher (PI) 08/01/2019-07/31/2021
Purdue University
Big Ideas Challenge 2.0
From cell cultures to community cultures: Bringing precision health to autism
This collaborative project combined the efforts of over ten Purdue faculty to advance autism assessment to inform precision treatment for health and behavioral challenges.
Role: Co-Investigator (responsible for sleep portion of project)

- R21 MH116726 Ahamed (PI) 09/01/2018-08/31/2020
Mobile-based care for children with autism spectrum disorder using remote experience sampling method (mCARE)
In Bangladesh, this study will test the feasibility and efficacy of a mobile-based parent-physician communication tool for families raising children with autism spectrum disorder.
Role: Co-Investigator (responsible for sleep and developmental progress assessments)
- University of North Carolina Campbell (PI) 09/15/2018-09/14/2020
Sleep Innovation Research Grant
Applying EEG and behavioral methods to understand sleep issues in infants at risk for autism
This pilot/feasibility study utilizes EEG, actigraphy, and videosomnography to assess sleep in infant siblings of children with autism.
Role: Consultant
- R21 HD091896 O'Haire (PI) 05/01/2017-04/30/2020
Quantifying the efficacy and role of service dogs for military veterans with PTSD and their spouses
This randomized controlled trial will to assess the efficacy of service animals in alleviating PTSD symptom in veterans.
Role: Co-Investigator (responsible for human sleep portion)
- Lewis College of Nursing Lee (PI) 12/01/2019-12/01/2020
and Health Professional, Georgia State University
The use of actigraphy and videosomnography to measure sleep-wake patterns in mother and their school-age children with developmental disabilities: A feasibility study.
This feasibility study is addressing the use of two sleep recording methods in families raising children with developmental disabilities.
Role: Consultant/Mentor
- Purdue Research Foundation Schwichtenberg (PI) 08/15/2018-08/14/2019
Efficacy of a family routines intervention for children with social communication difficulties
This study assesses the efficacy of a parent-mediated family routines intervention. The intervention was designed to support social communication development through in-home family routines in feeding, bathing, diaper/clothing changes, and bedtime routines.
Role: PI

Gadomski Foundation Schwichtenberg/
O'Haire (Co-PI) 06/01/2016-05/31/2017

Measuring electrodermal activity in children with autism: A data processing platform

These funds supported the development of a data processing platform for electrodermal skin conductance data collected from children with autism.

Role: Co-Principal Investigator

Gadomski Foundation Schwichtenberg/
Broadhead (Co-PI) 06/01/2015-05/31/2016

Sleep and daytime behaviors in children with autism spectrum disorder

This study assessed the roles of sleep on daytime behaviors for children with autism within center-based treatment programs. Daytime behaviors included affect regulation, stereotyped and repetitive behaviors, and non-compliance during treatment.

Role: Co-Principal Investigator

Gadomski Foundation Schwichtenberg (PI) 06/01/2015-05/31/2016

Video-Based heart rate estimates in children with and without autism

The goal of this project was to demonstrate the utility of using video-based assessment of human physiology in typically developing children and children diagnosed with autism.

Role: Principal Investigator

Gadomski Foundation O'Haire/
Schwichtenberg (Co-PI) 06/01/2015-05/31/2016

Behavioral and physiological correlates of video-based heart rate estimates in children with autism

This pilot study aimed to apply a novel video signal processing system to existing data of children with autism to extract heart-rate estimates and behavioral correlates.

Role: Co-Principal Investigator

T32 MH073124 Rogers (PI) 09/10/2008-09/10/2010

Interdisciplinary Training for Autism Researchers

Postdoctoral training program to prepare biological and behavioral scientists for research in autism spectrum disorder. Funded research projects assessed sleep and social behaviors as early markers for autism spectrum disorder and other developmental concerns.

Role: Postdoctoral Fellow

The development of sleep patterns in preterm infants

This study documented the development of sleep in infants born preterm or low birthweight from birth to 2 years postterm and investigated the reciprocal influences of parent-child interactions and infant biosocial sleep factors.

Role: Predoctoral Fellow

SELECT PEER-REVIEWED PUBLICATIONS

* Indicates primary author, superscript numbers indicate co-author(s) were mentored:

¹ undergraduate student, ² graduate student, ³ postdoctoral scholar

Refereed Journal Articles

Bradshaw*, J., Schwichtenberg, A. J., & Iverson, J. (in press). Capturing the Complexity of Autism – Applying a developmental cascades framework. *Child Development Perspectives*

Chong*², P., Garic³, D., Shen, M. D., Lundgaard, I., & Schwichtenberg, A. J. (in press). Sleep, Cerebrospinal Fluid, and the Glymphatic System: A Systematic Review. *Sleep Medicine Reviews*

Kellerman*², A., Hassan, M., Abel, E., Reilly, M., McNally Keehn, R., & Schwichtenberg, A. J. (in press). Case report: Autism risk within the context of two chromosome 15 syndromes. *Journal of Autism and Developmental Disorders*

Yang*², H., Inglis, B., Talavage, T., Vijayakrishnan, V., Yao, J., Fitzgerald, B., Schwichtenberg, A. J., & Tong, Y. (in press). Coupling brain cerebrovascular oscillations and CSF flow during wakefulness: An fMRI study. *Journal of Cerebral Blood Flow and Metabolism*

Rabbani*, M., Haque, M. M., Dipal, D., Zarif, M., Iqbal, A., Schwichtenberg, A. J., Bansal, N., Soron, T., Ahmed, S. I., & Ahamed, S. I. (in press). An mCARE study on patterns of risk and resilience for children with ASD in Bangladesh. *Scientific Reports*

Nieforth*², L. O., Schwichtenberg, A. J., & O’Haire, M. H. (In Press). Animal-assisted interventions for Autism Spectrum Disorder: A systematic review of the literature from 2016-2020. *Review Journal of Autism and Development*

Chong*², P., Abel², A., Pao¹, R., McCormick, C., & Schwichtenberg, A. J. (2021). Sleep dysregulation and daytime electrodermal activity in children with Autism: A descriptive study. *The Journal of Genetic Psychology*, 182, 335-347. doi:10.1080/00221325.2021.1911919

- Haque*³, M., Rabbani, M., Dipal, D., Zarif, M. I. I., Iqbal, A., Schwichtenberg, A. J., Bansal, N., Soron, T., Ahmed, S. I., & Ahamed, S. I. (2021). Informing developmental milestone achievement for children with autism: A machine learning approach. *Journal of Medical Internet Research*, 9, e29242. doi:10.2196/29242
- Hatch*³, B., Wu Nordahl, C., Schwichtenberg, A. J., Ozonoff, S., & Miller, M. (2021). Factor structure of the Children's Sleep Habits Questionnaire in young children with and without autism. *Journal of Autism and Developmental Disabilities*, 51, 3126-3137. doi:10.1007/s10803-020-04752-5
- Honaker*, S., McQuillan, M., Mindell, J., Downs, S., Slaven, J., & Schwichtenberg, A. J. (2021). Screening for problematic sleep in diverse infants. *Journal of Pediatric Psychology*, 46, 824-834. doi.org/10.1093/jpepsy/jsab050
- Honaker*, S., Mindell, J., Slaven, J., & Schwichtenberg, A. J. (2021). Implementation of infant behavioral sleep intervention in a diverse sample of mothers. *Behavioral Sleep Medicine*, 19, 547-561. doi:10.1080/15402002.2020.1817745
- Hoyniak*², C. P., McQuillan, M., Bates, J. B., Staples, A. D., Schwichtenberg, A. J., & Honaker, S. (2021). Pre-Sleep Arousal and Sleep in Early Childhood. *The Journal of Genetic Psychology*, 182, 236-251. doi.org/10.1080/00221325.2021.1905596
- Abel*², E. A., Schwichtenberg, A. J., Mannin¹, R., & Marceau, K. (2020). Brief report: A gene enrichment approach applied to sleep and autism. *Journal of Autism and Developmental Disorders*, 50, 1834-1840. doi:10.1007/s10803-018-3648-0
- Gangi*³, D., Botergerg, S., Schwichtenberg, A. J., Solis, E., Young, G. S., Iosif, A., & Ozonoff, S. (2020). Declining gaze to faces in infants developing ASD: Evidence of regression in two independent cohorts. *Child Development*, 92, e285-e295. doi.org/10.1111/cdev.13471
- Kellerman*², A., Schwichtenberg, A. J., Abu-Zhaya², R., Miller, M., Young, G. S., & Ozonoff, O. (2020). Dyadic synchrony and responsiveness in the first year: Associations with autism risk. *Autism Research*, 13, 2190-2201. doi.org/10.1002/aur.2373
- Young*, G. S., Constantino, J., Dvorak, S., Belding, A., Gangi³, D., Hill, A., Hill, M., Miller, M., Parikh, C., Schwichtenberg, A. J., Solis, E., & Ozonoff, S. (2020). A video-based measure to identify autism risk in infancy. *Journal of Child Psychology and Psychiatry*, 61, 88-94. doi:10.1111/jcpp.13105
- Kellerman*², A. M., Schwichtenberg, A. J., Tonnsen, B. L., Posada, G., & Lane, S. P. (2019). Dyadic interactions in children exhibiting the broader autism phenotype: Is the BAP distinguishable from typical development? *Autism Research*, 12, 469-481. doi:10.1002/aur.2062

- Miller*, M., Iosif, A., Young, G.S., Bell, L.J., Schwichtenberg, A.J., Hutman, T., & Ozonoff, S. (2019). The dysregulation profile in preschoolers with a family history of autism spectrum disorder. *Journal of Child Psychology & Psychiatry*, 60, 516-523. doi:10.1111/jcpp.13003.
- Schwichtenberg*, A. J., Abel², E., Keys², E., & Honaker, S. (2019). Diversity in pediatric behavioral sleep intervention studies. *Sleep Medicine Reviews*, 47, 103-111. doi:10.1016/j.smrv.2019.07.004
- Schwichtenberg*, A. J., Kellerman², A., Miller, M., Young, G., & Ozonoff, S. (2019). Mothers of children with autism spectrum disorder: Play behaviors with infant siblings and social responsiveness. *Autism*, 23, 821-833. doi:10.1177/1362361318782220203
- Gangi^{*3}, D. N., Schwichtenberg, A. J., Iosif, A. M., Young, G. S., & Ozonoff, S. (2018). Gaze to faces across interactive contexts in infants at heightened risk for autism. *Autism*, 22, 763-768. doi:10.1177/1362361317704421.
- Abel^{*2}, E., Schwichtenberg, A. J., Brodhead, M., & Christ, S. (2018). Sleep and challenging behaviors in the context of intensive behavioral intervention for children with autism. *Journal of Autism and Developmental Disorders*, 48, 3871-3884. doi: 10.1007/s10803-018-3648-0.
- Honaker*, S., Schwichtenberg, A. J., Kreps, T., & Mindell, J. (2018). Real world implementation of infant behavioral sleep interventions: Results of a parental survey. *Journal of Pediatrics*, 199, 106-111. doi:10.1016/j.jpeds.2018.04.009
- O'Connor^{*2}, L., Beiberstine, S., Paddon-Jones, D., Schwichtenberg, A. J., & Campbell, W. (2018). Adopting a Mediterranean-style eating pattern with different amounts of lean unprocessed red meat does not influence short-term subjective personal well-being in adults with overweight or obesity. *Journal of Nutrition*, 148, 1917-1923. doi:10.1093/jn/nxy235
- Ozonoff*, S., Gangi, D., Hanzel, E., Hill, A., Hill, M., Miller, M., Schwichtenberg, A. J., Steinfeld, M., & Iosif, A. (2018). Onset patterns in autism: Variation across informants, methods, and timing. *Autism Research*, 11, 788-797. doi:10.1002/aur.1943
- Schwichtenberg*, A. J., Choe², J., Kellerman², A., Abel², E. A., & Delp, E. (2018). Pediatric videosomnography: Is automated sleep scoring possible? *Frontiers in Pediatrics*, 6, 158. doi:10.3389/fped.2018.00158
- Seidl*, A., Cristia, A., Soderstrom, M., Ko., E., Abel², E. A., Kellerman², A., & Schwichtenberg, A. J. (2018). Infant-mother acoustic synchrony relates to autism risk status. *Journal of Speech, Language, and Hearing Research*, 1-12. doi:10.1044/2018_JSLHR-S-17-0287
- Kranz*, S., Brauchla², M., Campbell, W. W., Mattes, R. D., & Schwichtenberg, A. J. (2017). High protein and high dietary fiber breakfasts result in equal feelings of fullness and better diet quality in low-income preschoolers compared to their usual breakfast. *Journal of Nutrition*, 147, 445-452. doi:10.3945/jn.116.234153

- Miller*, M., Iosif, A. M., Hill, M., Young, G. S., Schwichtenberg, A. J., & Ozonoff, S. (2017). Response to name infants developing autism spectrum disorder: A prospective study. *Journal of Pediatrics*, *183*, 141-146. doi:10.1016/j.jpeds.2016.12.071
- Esbensen*, A. J., & Schwichtenberg, A. J. (2016). Sleep in neurodevelopmental disorders. *International Review of Research in Developmental Disabilities*, *51*, 153-191. doi:10.1016/bs.irrdd.2016.07.005
- Schwichtenberg*, A. J., Christ, S., Abel², E. A., & Poehlmann-Tynan, J. A. (2016). Circadian sleep patterns in toddlers born preterm: Longitudinal associations with developmental and health concerns. *Journal of Developmental and Behavioral Pediatrics*, *37*, 358-369. doi:10.1097/DBP.0000000000000287
- Schwichtenberg*, A. J., Hensle¹, T., Honaker, S., Miller, M., Ozonoff, S., & Anders, T. (2016). Sibling sleep – What can it tell us about parental sleep reports in the context of autism? *Clinical Practice in Pediatric Psychology*, *4*(2), 137-152. doi:10.1037/cpp0000143
- Miller*, M., Young, G. S., Hutman, T., Johnson, S., Schwichtenberg, A. J., & Ozonoff, S. (2015). Early pragmatic language difficulties in siblings of children with autism: Implications for DSM-5 social communication disorder? *Journal of Child Psychology and Psychiatry*, *65*, 774-781. doi:10.1111/jcpp.12342.
- Schwichtenberg*, A. J., & Malow, B. A. (2015). Melatonin treatment in children with developmental disabilities. *Sleep Medicine Clinics*, *10*(2), 181-187. doi:10.1016/j.jsmc.2015.02.008
- Poehlmann-Tynan*, J., Gerstein, E., Burnson, C., Weymouth, L., Bolt, D., Maleck, S., & Schwichtenberg, A. J. (2014). Risk and resilience in preterm children at age 6. *Development and Psychopathology*, *8*, 1-16. doi:10.1017/S095457941400087X
- Ozonoff*, S., Young, G. S., Belding, A., Moore Hill, M., Hill, A., Hutman, T., Johnson, S., Miller, M., Rogers, S., Schwichtenberg, A. J., Steinfeld, M., & Iosif, A. M. (2014). The broader autism phenotype in infancy: When does it emerge? *Journal of the American Academy of Child and Adolescent Psychiatry*, *53*, 398-407. doi:10.1016/j.jaac.2013.12.020
- Burnson*², C., Poehlmann, J., & Schwichtenberg, A. J. (2013). Effortful control, positive emotional expression, and behavior problems in children born preterm. *Infant Behavior and Development*, *36*, 564-574. doi:10.1016/j.infbeh.2013.04.003
- Schwichtenberg*, A. J., Young, G. S., Hutman, T., Iosif, A. M., Sigman, M., Rogers, S., & Ozonoff, S. (2013). Behavior and sleep problems in children with a family history of autism. *Autism Research*, *6*, 169-176. doi:10.1002/aur.1278
- Schwichtenberg*, A. J., Shah, P., & Poehlmann, J. (2013). Sleep and attachment in preterm infants. *Infant Mental Health*, *34*, 37-46. doi:10.1002/imhj.21374

- Anders*, T., Iosif, A. M., Schwichtenberg, A. J., Tang, K., & Goodlin-Jones, B. (2012). Sleep behavior and daytime functioning: A short-term longitudinal study of three preschool-aged comparison groups. *The American Journal on Intellectual and Developmental Disabilities, 117*, 275-290. doi:10.1352/1944-7558-117.4.275
- Poehlmann*, J., Schwichtenberg, A. J., Hahn, E., Miller, K., Dilworth-Bart, J., Kaplan, D., & Maleck, S. (2012). Compliance, opposition, and behavior problems in toddlers born preterm or low birthweight. *Infant Mental Health, 33*, 34-44. doi:10.1002/imhj.20335
- Anders*, T., Iosif, A., Schwichtenberg, A. J., Tang, K., & Goodlin-Jones, B. (2011). Six-month sleep-wake organization and stability in preschool age children with autism. *Behavioral Sleep Medicine, 9*, 92-106. doi:10.1080/15402002.2011.557991
- Poehlmann*, J., Schwichtenberg, A. J., Shlafer, R., Hahn, E., & Friberg, B. (2011). Emerging self-regulation in high risk infants: Differential susceptibility to parenting? *Development and Psychopathology, 23*, 177-193. doi:10.1017/S0954579410000726
- Poehlmann*, J., Schwichtenberg, A. J., Bolt, D., Hane, A., Burnson, C., & Winters, J. (2011). Infant physiological regulation and maternal risks as predictors of dyadic interaction trajectories in families with a preterm infant. *Developmental Psychology, 47*, 91-105. doi:10.1037/a0020719
- Schwichtenberg*, A. J., Anders, T., Volbrecht, M., & Poehlmann, J. (2011). Daytime sleep and parenting interactions in infants born preterm. *Developmental and Behavioral Pediatrics, 32*, 8-17. doi:10.1097/DBP.0b013e3181fa57e4
- Schwichtenberg*, A. J., Islof, A., Goodlin-Jones, B., Tang, K. ², & Anders, T. (2011). Daytime sleep patterns in preschool children with autism, developmental delay, and typical development. *The American Journal on Intellectual and Developmental Disabilities, 116*, 142-152. doi:10.1352/1944-7558-116.2.142
- Schwichtenberg*, A. J., & Goodlin-Jones, B. (2010). Causes and correlates of frequent nighttime awakenings in early childhood. *International Review of Neurobiology, 93*, 177-191. doi:10.1016/S0074-7742(10)93008-0
- Poehlmann*, J., Schwichtenberg, A. J., Shah, P., Shlafer, R., Hahn, E., & Maleck, S. (2010). The development of effortful control in children born preterm. *Journal of Clinical Child and Adolescent Psychology, 39*, 522-536. doi:10.1080/15374416.2010.486319
- Schwichtenberg*, A. J., Young, G. S., Sigman, M., Huntman, T., & Ozonoff, S. (2010). Can family affectedness inform infant sibling outcomes of autism spectrum disorders? *Journal of Child Psychology and Psychiatry, 51*, 1021-1030. doi:10.1111/j.1469-7610.2010.02267.x
- Goodlin-Jones*, B., Schwichtenberg, A. J., Iosif, A., Tang, K., Liu, J., & Anders, T. (2009). Six-month persistence of sleep problems in young children with autism, developmental delay, and typical development. *Journal of the American Academy of Child and Adolescent Psychiatry, 48*, 847-854. doi:10.1097/CHI.0b013e3181a8135a

- Poehlmann*, J., Schwichtenberg, A. J., Dilworth-Bart, J., & Bolt, D. (2009). Predictors of depressive symptom trajectories in mothers of infants born preterm or low birthweight. *Journal of Family Psychology*, *23*, 690-704. doi:10.1037/a0016117
- Schwichtenberg*, A. J., & Poehlmann, J. (2009). A transactional model of sleep-wake regulation in infants born preterm or low birthweight. *Journal of Pediatric Psychology*, *34*, 837-849. doi:10.1093/jpepsy/jsn132
- Schwichtenberg*, A. J., & Poehlmann, J. (2007). Applied behaviour analysis: Does intervention intensity relate to family stressors and maternal well-being? *Journal of Intellectual Disability Research*, *51*, 598-605. doi:10.1111/j.1365-2788.2006.00940.x

Refereed Conference Proceedings

- Patel*³, N., Bartusiak², E., Devarapalli, H., Rothenberger, S., Schwichtenberg, A. J., Delp, E., & Rayz, V. (2022, June). *Denosing and super-resolving 4D Flow MRI using physics-guided neural networks*. Paper presented at Summer Biomechanics: Bioengineering and Biotransport, Eastern Shore, MD, USA.
- Rabbani*, M., Haque, M. H., Das dipal, D., Zarif, M. I. I., Iqbal, A., Schwichtenberg, A. J., Bansal, N., Soron, T. R., Ahmed, S. I., & Ahamed, S. I. (2021, December). *MPredA: A Machine Learning based Prediction System to Evaluate the Autism Level Improvement*. Paper presented at Pervasive Health: European Alliance for Innovation (EAI) International Conference on Pervasive Computing Technologies for Healthcare, Tel Aviv, Israel, virtual format.
- Choe*², J., Schwichtenberg, A. J. and Delp, E. J. (2019) Classification of Sleep Videos Using Deep Learning. *IEEE Conference on Multimedia Information Processing and Retrieval (MIPR)*, San Jose, CA, USA, 115-120. doi:10.1109/MIPR.2019.00028
- Choe*², J., Montserrat, D., Schwichtenberg, A. J., & Delp, E. (2018). Sleep analysis using motion and head detection. *Proceedings of the IEEE Southwest Symposium on Image Analysis and Interpretation, USA*, 29-32. doi:10.1109/SSIAI.2018.8470323
- Chung*², D., Choe, J. ², O'Haire, M., Schwichtenberg, A. J., & Delp, E. J. (2016). Improving video-based heart rate estimation. *Proceedings of the Society for Imaging Science and Technology, USA*, 1-6. doi:10.2352/ISSN.2470-1173.2016.19.COIMG-159
- Choe*², J., Chung², D., Schwichtenberg, A. J., & Delp, E. J. (2015). Improving video-based resting heart rate estimation: A comparison of two methods. *Proceedings of Circuits and Systems (MWSCAS), IEEE 58th International Midwest Symposium, USA*, 377-380. doi:10.1109/MWSCAS.2015.7282155

Mentored Undergraduate Publications

- Watters, T. (2021). Examining early language and communication skills in young children at elevated risks developmental delays. *Journal of Purdue Undergraduate Research*, 11, 20. doi.org/10.7771/2158-4052.1509
- Pelecky, L. (2020). The broader autism phenotype in early childhood: Responding to joint attention and language development. *Journal of Purdue Undergraduate Research*, 10, 98-99.
- Setiawan, K. (2019). The broader autism phenotype in early childhood: Associations with maternal play behaviors. *Journal of Purdue Undergraduate Research*, 9, 87-88. doi:10.5703/1288284316955
- Sheehy, C., & Nanninga, A. (2017). Developmental trajectories for a sibling pair with chromosome 15q11.2-13.1 duplication syndrome and Angelman syndrome. *Journal of Purdue Undergraduate Research*, 7, 74-75. doi:10.5703/1288284316402
- Gabouer, A. (2016). Associations between language and gross motor skills in children at risk for autism. *Journal of Purdue Undergraduate Research*, 6, 84-85. doi:10.5703/1288284316201

Manuscripts in Review/Revision

- Avelar*², D., Dore, R., Schwichtenberg, A. J., Roben, C. K. P., & Golinkoff, R. (2022). *Children and parents' physiological arousal and emotions during shared and independent e-book reading: A preliminary study*. Manuscript submitted for publication.
- Kellerman, A.*², Masters, C., & Schwichtenberg, A. J. (2022). *Brief Report: Are maternal self-reports of social difficulties apparent in interactions with their children?* Manuscript submitted for publication.
- Pecukonis*, M., Young, G., Brian, J., Charman, T., Chawarska, K., Iverson, J., Jeste, S., Landa, R., Messinger, D., Schwichtenberg, A. J., Webb, S. J., Zwaigenbaum, L., & Tager-Flusberg, H. (2022). *Early Predictors of Language Skills at 3 Years of Age Vary Based on Diagnostic Outcome: A Baby Siblings Research Consortium Study*. Manuscript submitted for publication.
- Vijayakrishnan Nair*², V., Kish, B. R., Inglis, B., Yang, H., Wu, Y., Zhou, X., Schwichtenberg, A. J., & Tong, Y. (2022). *Human CSF movement influenced by vascular low frequency oscillations and respiration*. Manuscript submitted for publication.

Engagement Publications/Content

- Schwichtenberg*, A. J. (2020). *How can I help my children connect with others during the COVID-19 pandemic?* Evidence-based sleep advice posts for the Pediatric Sleep Council. <https://www.babysleep.com/sleep-advice/how-can-i-help-my-children-connect-with-others-during-coronavirus-isolation/>
- Schwichtenberg*, A. J. (2020). *Can we video chat with family at bedtime during the COVID-19 pandemic?* Evidence-based sleep advice posts for the Pediatric Sleep Council. <https://www.babysleep.com/sleep-advice/can-we-video-chat-with-family-at-bedtime-during-coronavirus-isolation/>
- Schwichtenberg*, A. J., Janis¹, A., Desai¹, H., Zhang¹, S., & Zoog¹, O. (2020). *A good night of sleep*. Brief created for the Wellness Wednesday initiative of Families Tackling Tough Times Together. https://www.purdue.edu/hhs/families-together/wp-content/uploads/2020/12/2020_FamiliesTogether_WellnessWednesday_Sleep.pdf
- Schwichtenberg*, A. J. (2020). Baby Siblings Research Consortium, Family Resource Library. <https://www.babysiblingsresearchconsortium.org/videos>
- Schwichtenberg*, A. J. (2018). Evidence-based sleep advice videos/posts for the Pediatric Sleep Council addressing the following questions: *My child has autism. How will he sleep? Can letting a baby cry to sleep affect attachment? What should I do when she wakes upset from naps? How do I manage student night wakings?*
<https://www.babysleep.com/>
- Schwichtenberg*, A. J. (2009). *Early signs*. Research dissemination column on early signs of autism spectrum disorders in the Early Developmental Studies Laboratory newsletter. University of California at Davis, M.I.N.D. Institute, Sacramento, CA.
- Schwichtenberg*, A. J. (2008, 2007, 2006). *Sweet dreams*. Sleep research dissemination column in Parent-Child Interaction Laboratory newsletter. University of Wisconsin, Waisman Center, Madison, WI.
- Schwichtenberg*, A. J., Huser, M., & Small, S. (2007). *Whose kids? Our kids! Teens and sleep*. University of Wisconsin – Extension, Madison, WI.
- Schwichtenberg*, A. J. (2004). *Family-centered program rating scale report*. Report prepared for United Cerebral Palsy's Birth to 3 Connections program, Madison, WI.

SELECT PRESENTATIONS

Invited Presentations

- Schwichtenberg*, A.J. (2021, October). *Autism & Sleep*. Presented for the Sleep Research Society Virtual Seminar Series, <https://www.sleepresearchsociety.org/career-education/virtual-seminar-series/>

- Schwichtenberg*, A. J. & Chong, P. (2021, February). *Sleep and the Glymphatic System – A mechanistic link between Alzheimer’s and Autism?* Presented as a part of Purdue Institute for Integrative Neuroscience workshop series on Alzheimer’s Disease and Related Dementias, West Lafayette, IN.
- Schwichtenberg*, A. J. (2020, March). *Sleep and developing at risk.* Presented as a part of Brain and Development Research series, University of Zurich Children’s Hospital, Zurich, Switzerland.
- Schwichtenberg*, A. J. (2020, February). *High Risk Infant Siblings – What can they tell us about early autism identification?* Presented for the Department of Child and Adolescent Psychiatry and Psychotherapy of the University Hospital of Psychiatry, Zurich, Switzerland.
- Schwichtenberg*, A. J. (2019, September). *Sleep in individuals with Autism and their families.* Presented for the Military Family Research Institute, West Layette, IN.
- Schwichtenberg*, A. J. (2019, May). *Supporting healthy sleep in individuals with autism and their families.* Presented for Melmark New England, Andover, MA.
- Schwichtenberg*, A. J. (2019, April). *The Roles of Sleep in Developmental Risk and Autism.* Presented for the University of North Carolina Institute for Developmental Disabilities, Chapel Hill, NC.
- Schwichtenberg*, A. J. (2017, November). *Infant sleep training: Maternal perceptions and correlates of success.* Presented for the Center for Child and Family Well-being, University of Wisconsin, Madison, WI.
- Schwichtenberg*, A. J. (2017, June). *Dyadic synchrony and at risk development.* Presented for Center for Autism Research Excellence, Boston University, Boston, MA
- Schwichtenberg*, A. J. (2016, February). *Autism spectrum disorder: Prevalence, early behavioral markers, and available resources.* Presented for Indiana Association for Child Care Resource and Referral, Indianapolis, IN.
- Schwichtenberg*, A. J., & Kellerman*², A. (2015, September). *Early behavioral signs of autism.* Presented at the Indiana Infant Toddler Institute, Indianapolis, IN.
- Schwichtenberg*, A. J. (2015, August). *Developmental correlates of circadian patterns in toddlers born preterm.* Presented at Brown University’s William C. Dement Sleep and Chronobiology Summer Research Apprenticeship Program, Providence, RI.
- Schwichtenberg*, A. J. (2015, April). *Early autism identification: Day and nighttime behaviors.* Presented for Liberty University’s campus-wide colloquium series, Lynchburg, VA.
- Schwichtenberg*, A. J. (2015, February). *Autism spectrum disorder and clinical neuroscience.* Web-based presentation for the Department of Psychology and Education, Mount Holyoke College, South Hadley, MA

- Schwichtenberg*, A. J., Adolph¹, E., Xiong¹, S., & Saggal¹, D. (2012, January). *Developing at risk: Examples from autism spectrum disorder and infant prematurity*. Presented in the M.I.N.D. Institute Research Seminar Series, University of California, Davis, CA.
- Schwichtenberg*, A. J. (2011, July). *Behavior and sleep problems in children with a family history of autism*. Presented for the Policy and Biosciences divisions of SRI International, Menlo Park, CA.
- Lit*, L., Schmidt*, R., & Schwichtenberg*, A. J. (2010, February). *Multiple approaches to autism research: Animal models, epidemiology, and infant sibling studies*. Presented in the M.I.N.D. Institute Research Seminar Series, University of California, Davis, CA.
- Schwichtenberg*, A. J. (2008, October). *Sleep patterns in infants born preterm or low birthweight*. Presented in the M.I.N.D. Institute Research Seminar Series, University of California, Davis, CA.
- Schwichtenberg*, A. J. (2007, May). *Sleep in infants born preterm or low birthweight*. Presented for the Providence Sleep Research Interest Group, Brown University, Providence, RI.
- Schwichtenberg*, A. J. (2002, May). *Helping children with learning disabilities*. Presented at Educators Training Conference, Lord Byron (Colegio Peruano Britanico), Arequipa, Peru.

Conference Presentations

- Pecukonis, M.*², Young, G., Brain, J., Charman, T., Chawarska, K., Elsabbagh, M., Iverson, J., Jeste, S., Landa, R., Messinger, D., Schwichtenberg, A. J., Webb, S., Zwaigenbaum, L., & Tager-Flusberg, H. (2022, May). *Early Predictors of Language Skills at 3 Years of Age Vary Based on Diagnostic Outcome: A Baby Siblings Research Consortium Study*. Poster to be presented at International Society for Autism Research (INSAR) conference, Austin, TX.
- Schwichtenberg*, A.J. (2021, June). *In-home Sleep Assessment in Typical and Atypical Development*. Presentation for preconference half-day post-graduate course, Improving Sleep in the Littlest Ones: Assessment and Behavioral Sleep Intervention in Children from Birth to Age 5. Presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), virtual format.
- Hassan*², M., Kellerman², A., Masters, C., & Schwichtenberg, A. J. (2021, March). *An Early Childhood Parent-Mediated Intervention: How Child and Family Factors Relate to Stress and Chaos*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, virtual format.

- Kielb*², E., Moding, K., Evich², C., Jones, B., & Schwichtenberg, A. J. (2021, March). *Associations between frequency of food groups offered to toddlers and their weight status*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, virtual format.
- Chong*², P., Kellerman, A., Abel, E., & Schwichtenberg, A. J. (2020, May). *Early sleep regularity in the context of elevated autism risk*. Abstract presented at the International Society for Autism Research (INSAR) conference, virtual format.
- Hatch*³, B., Young, G., Chuang, A., de la Paz, L., Schwichtenberg, A. J., Ozonoff, S., & Miller, M. (2020, May). *Sustained visual attention is reduced among infants with 36-month outcomes of ADHD Concerns but not in infants developing ASD*. Poster presented at the International Society for Autism Research (INSAR) conference, virtual format.
- Kellerman*², A. M., Hollis¹, S., Masters, C., & Schwichtenberg, A. J. (May, 2020). *Parent-mediated interventions for elevated autism risk: Considerations for parenting stress and maternal depression*. Poster presented at the International Society for Autism Research (INSAR) conference, virtual format.
- Pelecky*¹, L., Kellerman², A. M., & Schwichtenberg, A. J. (2019, November). *Joint attention and language development within the early childhood broader autism phenotype*. Poster presented at the Indiana Psychological Association Conference, Indianapolis, IN
- Dore*², R.A., Avelar², D.A., Hassinger-Das, B., Schwichtenberg, A.J., Roben, C., Brezack, N., Valladares, T., Foster, L., Puttre, H., Pritulsky, C., Hirsh-Pasek, K. & Golinkoff, R., (2019, October). *Comprehension and emotion in independent and parent-child e-book reading*. In K. Choi (chair), *Direct and Indirect Learning from Digital Media*. Symposium conducted at the Digital Media & Cognitive Development Preconference at the Biennial Meeting of the Cognitive Development Society, Louisville, KY.
- Honaker*, S., Schwichtenberg, A. J., Chong, P., Walsh, K., & Mindell, J. (2019, November). Does infant behavioral sleep intervention at bedtime generalize to night wakings? In J. Bates (Chair), *What's New in Behavioral Sleep Interventions for Young Children*. Symposium presented at Pediatric Sleep Medicine in Naples, FL.
- Schwichtenberg*, A. J., Abel², E., Chong², P., Thacker¹, K., Crist¹, E., Pelecky¹, L., Rao¹, C., & Jing Tong¹, O. (2019, November). *Autism risk, sleep regularity, and developmental progress*. Research blitz and poster presented at Pediatric Sleep Medicine in Naples, FL.
- Schwichtenberg*, A. J., Honaker, S., Kreps, T., Mindell, J., & Chong², P. (2019, November). Predictors of success in implementing behavioral sleep interventions for infants. In J. Bates (Chair), *What's New in Behavioral Sleep Interventions for Young Children*. Symposium presented at Pediatric Sleep Medicine in Naples, FL.

- Chong*², P. L. H., Honaker, S. M., Mindell, J. A., Kreps, T. A., & Schwichtenberg, A. J. (2019, June). *Behavioral sleep intervention: The roles of maternal sociodemographic, emotional, and informational resources*. Poster presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), San Antonio, TX.
- Hatch*³, B., Wu Nordahl, C., Schwichtenberg, A. J., Amaral, D., Ozonoff, S., & Miller, M. (2019, June). *Examining the factor structure and measurement properties of the Children's Sleep Habits Questionnaire in young children with and without autism spectrum disorder*. Poster presented at the International Society for Research on Child and Adolescent Psychopathology (ISRCAP) Biennial meeting in Los Angeles, CA.
- Honaker*², S., Mindell, J., & Schwichtenberg, A. (2019, June). *Disparities in attitudes, familiarity, and utilization of infant behavioral sleep intervention in a sample of diverse mothers*. Poster presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), San Antonio, TX.
- Kellerman*², A. M., Abel², E. A., Chong², P. L. H., & Schwichtenberg, A. J. (2019, June). *Is dysregulated sleep in early childhood associated with daytime dyadic interactions?* Poster presented at the Associated Professional Sleep Societies (SLEEP), San Antonio, TX
- Abel*², E.A., Schwichtenberg, A.J., Mannin¹, O.R., & Marceau, K. (2019, May). *A gene enrichment approach applied to sleep and autism*. Poster presented at the International Meeting for Autism Research (IMFAR), Montreal, Canada.
- Chong*², P. L. H., Abel, E., Pao, R., & Schwichtenberg, A. J. (2019, May). *Sleep dysregulation and circadian electrodermal activity in children with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research (IMFAR), Montreal, Canada.
- Kellerman*², A. M., & Schwichtenberg, A. J. (2019, May). *The broader autism phenotype in the first two years: Maternal reports and play behaviors*. Poster presented at the International Meeting for Autism Research (IMFAR), Montreal, Canada.
- Lory*², C., Kellerman, A. M., Abel, E. A., & Schwichtenberg, A. J. (2019, May). *Early object exploration and later developmental concerns within the context of elevated autism risk*. Poster presentation at the International Meeting for Autism Research (IMFAR), Montreal, Canada.
- Avelar*², D., Dore, R., Schwichtenberg, A. J., Roben, C., Puttre, H., Pao, R., Tokish, H., & Golinkoff, R. (March, 2019). *Giggles and smiles: Behavioral and physiological correlates of shared booked reading vs. independent tablet reading*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.

- Chong*², P., Schwichtenberg, A. J., & Abel², E. (March, 2019). *Sleep dysregulation and electrodermal activity in children with autism spectrum disorder*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- Kellerman*², A., & Schwichtenberg, A. J. (March, 2019). *Autism in the family: Are maternal self-reports of social difficulties apparent in interactions with their children?* Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- Schwichtenberg, A. J. (2019, March). Panel speaker in E. Abel² (Chair), *Sleep: Interdisciplinary perspectives on clinical recommendations and measurement from infancy to adolescence*. Panel presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
- Mishra*², A. A., Schwichtenberg, A. J., Jensen², C., Rodriguez², K., & O'Haire, M. (2019, March) *Sleep variability among veterans with posttraumatic stress disorder and their spouses*. Poster presented at the annual meeting of American Psychological Sciences, Washington D.C.
- Schwichtenberg*, A. J., Abel², E. A., Kellerman², A., & Chong², P. L. H. (2018, October). Using video signal processing to assess change in sleep for children with and at risk for autism. In B. Tonnsen (Chair), *Using novel technological approaches to capture meaningful change in ASD*. Symposium presented at the Purdue Autism Research Conference, West Lafayette, IN.
- Schwichtenberg*, A. J., Choe², J., Chong², P. L. H., Kellerman², A., Abel², E. A., & Delp, E. (2018, October). Applying video-based signal processing in developmental science: A pediatric sleep example. In *Advanced Analytics for Large, Secondary, and Open Source Data*. Symposium presented at the Society for Research in Child Development's special topic meeting: The Use of Secondary and Open Source Data in Developmental Science, Phoenix, AZ.
- Kellerman*², A. M., Schwichtenberg, A. J., & Posada, G. (2018, July). *Dyadic interactions in children exhibiting the broader autism phenotype: Is the BAP distinguishable from typical development?* Poster presented at the International Congress of Infant Studies, Philadelphia, PA.
- Abel*², E. A., Schwichtenberg, A. J., Christ, S. L., & Brodhead, M. T. (2018, May). *Cumulative sleep loss and challenging behaviors during treatment for children with autism*. Poster presented at the International Meeting for Autism Research, Rotterdam, Netherlands.
- Schwichtenberg*, A. J., Kellerman², A., Abu-Zhaya², R., Miller, M., Young, G. S., & Ozonoff, S. (2018, May). *Can the social responsiveness scale index maternal responsiveness during play?* Poster presented at the International Meeting for Autism Research, Rotterdam, Netherlands.

- Schwichtenberg*, A. J., Abel², E. A., Kellerman², A., Chong², P., Miller, M., & Ozonoff, S. (2018, May). *Does autism risk confer a greater risk for sleep problems?* Poster presented at the International Meeting for Autism Research, Rotterdam, Netherlands.
- Honaker*, S., Schwichtenberg, A. J., Kreps, K., & Mindell, J. (2017, November). *Real world implementation of infant behavioral sleep intervention: Results of a parental survey.* Poster presented at the Pediatric Sleep Medicine Meeting, Amelia Island, FL.
- Poehlmann-Tynan*, J., Shah, P., Gerstein, E., & Schwichtenberg, A. J. (2017, August). Early interactions, attachment, and resilience at age 6 in children born preterm. In N. Baumann (Chair), *The social relational world and development of children born preterm: Infancy through adulthood.* Symposium conducted at the International Attachment Conference, London, UK.
- Abel*², E. A., Schwichtenberg, A. J., & Broadhead, M. (2017, June). *Assessing sleep problems within the context of early behavioral intervention for autism spectrum disorder.* Poster presented at the Annual Meeting of the Associated Professional Sleep Societies, Boston, MA.
- Arnold*², A. J., Harris², R. C., Liddy, J. J., Schwichtenberg, A. J., & Claxton, L. J. (2017, June). *Sitting postural sway in 12-month-old infants at low and high risk for autism spectrum disorder.* Paper presented at the North American Society for the Psychology of Sport and Physical Activity Conference, San Diego, CA.
- Schwichtenberg*, A. J., Abel², E. A., Kellerman², A., Jameyfield¹, B., Zhang¹, A., Robinson¹, D., Schmitt¹, A., Dalheim¹, K., Sheehy¹, C., Nanninga¹, A., & Krutulis, A. (2017, June). *The stability of parent-reported sleep problems from 18 to 36 months of age.* Poster presented at the Annual Meeting of the Associated Professional Sleep Societies, Boston, MA.
- Schwichtenberg*, A. J., Choe², J., Kellerman², A., Abel², E. A., & Delp, E. (2017, June). *Videosomnography: A validation study of automated sleep scoring in a pediatric sample.* Poster presented at the Annual Meeting of the Associated Professional Sleep Societies, Boston, MA.
- Abel*², E. A., & Schwichtenberg, A. J. (2017, May). *The Children's Sleep Habits Questionnaire: Evaluating subscales for sleep problems in children with autism spectrum disorder.* Poster presented at the International Meeting for Autism Research, San Francisco, CA.
- Gangi*², D., Schwichtenberg, A. J., Iosif, A., Young, G., & Ozonoff, S. (2017, May). *Infant gaze to faces across interactive contexts.* Poster presented at the International Meeting for Autism Research, San Francisco, CA.
- Kellerman*², A. M., Robinson¹, D. S., Jameyfield¹, B. A., Ozonoff, S., & Schwichtenberg, A. J. (2017, May). *Does eye-tracking during dynamic videos relate to social interactions in high-risk infants?* Poster presented at the International Meeting for Autism Research, San Francisco, CA.

- Ozonoff*, S., Young, G. S., Belding, A., Dvorak, S., Hill, A. M., Hill, M. M., Schwichtenberg, A. J. & Constantino, J. N. (2017, May). *Development of a video-based instrument for ASD Screening in Infancy*. Paper presented at the International Meeting for Autism Research, San Francisco, CA.
- Schwichtenberg*, A. J., Kellerman², A. M., Abu-Zhaya², R., Miller, M., Young, G. S., & Ozonoff, S. (2017, May). *Does dyadic synchrony and responsiveness in the first year inform later autism diagnoses?* Poster presented at the International Meeting for Autism Research, San Francisco, CA.
- Abel*², E. A., Schwichtenberg, A. J., Brodhead, M. T., & Christ, S. L. (2017, April). *Autism spectrum disorder: Does sleep influence challenging behaviors during center-based behavioral treatment?* Poster presented at the biennial conference for the Society for Research in Child Development, Austin, TX.
- Kellerman*², A., Abu-Zhaya², R., Schwichtenberg, A. J., Young, G. S., Miller, M., & Ozonoff, S. (2017, April). *Dyadic synchrony and responsiveness in the first year – Associations with autism risk and later diagnoses*. Poster presented at the Society for Research in Child Development, Austin, TX.
- Miller*, M., Iosif, A., Hill, M., Young, G. S., Schwichtenberg, A. J., & Ozonoff, S. (2017, April). *Longitudinal patterns of response to name in infants developing autism spectrum disorder*. Poster to be presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
- Abel*², E. A., Schwichtenberg, A. J., Christ, S. L., & Brodhead, M. T. (2017, March). *Sleep in children with autism spectrum disorder: Exploring bidirectional relations with daytime challenging behaviors*. In A. Esbensen (Chair), *Convergent findings with different methodologies when assessing sleep in children with intellectual and developmental disabilities*. Symposium conducted at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, TX.
- Jameyfield¹, B., Honaker, S., Drozd¹, H., & Schwichtenberg*, A. J. (2016, June). *Inclusion of diverse samples in pediatric behavioral sleep intervention studies*. Paper and poster presented at the Annual Meeting of the Associated Professional Sleep Societies, Denver, CO.
- Schwichtenberg*, A. J., Abel², E. A., Amstutz¹, J., Christ, S., Miller, M., & Ozonoff, S. (2016, June). *Sleep and developmental progress in infants at high-risk for autism*. Poster presented at the Annual Meeting of the Associated Professional Sleep Societies, Denver, CO.
- Schwichtenberg*, A. J., Abel², E. A., & Poehlmann-Tynan, J. A. (2016, March). *Maternal depressive symptoms, parent behaviors, and sleep in infants born preterm*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.

- Schwichtenberg*, A. J., Christ, S., Abel², E. A., & Poehlmann-Tynan, J. A. (2015, June). Circadian patterns in toddlers born preterm: Longitudinal associations with attentional and behavioral concerns. In *Emotional, behavioral and cognitive functioning in children*. Symposium conducted at the meeting of the Associated Professional Sleep Societies, Seattle, WA.
- Schwichtenberg*, A. J., Hensle¹, T., Abel², E. A., Miller, M., & Ozonoff, S. (2015, June). *Pediatric sleep estimates in high- and low-risk samples: Comparisons between videsomnography and parent-report diaries*. Poster presented at the Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA.
- Schwichtenberg*, A. J., Christ, S., Abel², E. A., & Poehlmann-Tynan, J. (2015, April). *The roles of toddler circadian patterns on attentional and behavioral concerns in children born preterm*. Poster presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.
- Abel², E. A., Schwichtenberg*, A. J., & Poehlmann-Tynan, J. A. (2015, March). Sleep in infants born preterm: The roles of daytime and nighttime parenting behaviors. In *Sleep, development, and health: The role of family and environmental contexts*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Schwichtenberg*, A. J., Burnson², C., & Poehlmann, J. (2014, July). Maternal depressive symptoms, bedtime routines, and sleep in infants born preterm. In A. J. Schwichtenberg (Chair), *Parental emotional distress and well-being: Concurrent and prospective links to infant/toddler sleep development*. Symposium conducted at the biennial meeting of the International Society of Infant Studies, Berlin, Germany.
- Ozonoff*, S., Iosif, A. M., Young, G. S., Schwichtenberg, A. J., Miller, M., Hutman, T., Johnson, S., & Sigman, M. (2013, April). The broader autism phenotype in infancy: When does it emerge? In W. Stone (Chair), *Risks for autism: Familial and biological*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Schwichtenberg*, A. J., Young, G. S., Correa, E., Tubbs¹, A., Miller, M., Xiong¹, S., & Ozonoff, S. (2013, April). *Families raising children with autism: Parenting behaviors during play in high- and low-risk samples*. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Schwichtenberg*, A. J., Poehlmann, J., Smith, A., & Wegner, S. (2013, April). Parenting behaviors at bedtime and sleep in infants born preterm. In S. Parade (Chair), *The parenting context of infant sleep: Influence of parental behaviors, cognitions, and emotions*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Ozonoff, S., & Schwichtenberg*, A. J. (2012, October). *Parent-infant shared social-communication states and synchrony in the first year of life in infant with ASD outcomes*. Presented at the annual meeting of the Autism Speaks Baby Siblings Research Consortium, Seattle, WA.

- Schwichtenberg*, A. J., Shah, P., & Poehlmann, J. (2012, June). Infant sleep and parenting as predictors of attachment security and behavior problems in toddlers born preterm. In A. J. Schwichtenberg (Chair), *Sleep and development: How sleep and parenting contribute to behavioral, social-emotional, and language development*. Symposium conducted at the Biennial International Conference on Infant Studies, Minneapolis, MN.
- Schwichtenberg*, A. J., Young, G. S., Hutman, T., Roger, S., Iosif, A., Sigman, M., & Ozonoff, S. (2011, April). *Behavior and sleep problems in siblings of children with autism*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montréal (Québec), Canada.
- Schwichtenberg*, A. J., Ozonoff, S., Rogers, S., Steinfeld, M. B., Young, G. S., & Moore, M. (2009, May). *Does family affectedness predict outcomes in infants at risk for autism?* Poster presented at the meeting of the International Society for Research Autism, Chicago, IL.
- Schwichtenberg*, A. J., Poehlmann, J., & McDougall, H. (2009, April). *Child daytime sleep and parent-child interactions in high risk infants*. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Poehlmann*, J., Schwichtenberg, A. J., Hahn, E., Miller, K., Dilworth-Bart, J., & Kaplan, D. (2008, August). *Trajectories of maternal depressive symptoms and emerging self-regulation in toddlers*. Poster presented at the American Psychological Association Conference, Boston, MA.
- Poehlmann*, J., Schwichtenberg, A. J., Shalfer, R., Bianchi, J. P., & Friberg, B. (2007, August). *Emerging self-regulation in high risk infants: Differential susceptibility to parenting?* Poster presented at the American Psychological Association Conference, San Francisco, CA.
- Schwichtenberg*, A. J., & Poehlmann, J. (2007, March). *Early sleep regulation in high risk infants: Medical and contextual factors*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Poehlmann*, J., Shlafer, R., Schwichtenberg, A. J., Warner, R., & Slaven, J. (2007, March). *Emerging self-regulation in toddlers born preterm or low birthweight: The interaction between parenting and temperament*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Schwichtenberg*, A. J., Poehlmann, J., & Pritzl¹, B. (2007, March). *A transactional model of sleep-wake regulation in preterm and low birthweight infants*. Poster presented at the Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Schwichtenberg*, A. J., & Poehlmann, J. (2006, June). *Early sleep regulation in high risk infants: Medical and contextual factors*. Poster presented at the Meeting of the Associated Professional Sleep Societies, Salt Lake City, UT.

- Schwichtenberg*, A. J., Poehlmann, J., Funk¹, J., & Pritzl¹, B. (2006, March). Early sleep regulation in high risk infants. In A. J. Schwichtenberg (Chair), *Sleep methodology, comorbidity, and correlates: In children at risk for sleep problems or developmental delays*. Symposium conducted at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
- Poehlmann*, J., Schwichtenberg, A. J., Schlafer, R., Bianchi, J.P., Fritz, D., Hahn, E., Diercks, L., & Crone, M. (2006, March). *Psychological distress in mothers of high risk infants: The role of family support*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
- Schwichtenberg*, A. J., & Poehlmann, J. (2005, August). *Positive coping in families of children with autism spectrum disorder*. Poster presented at the American Psychological Association Conference, Washington, DC.
- Poehlmann*, J., Jindrich, J., Schwichtenberg, A. J., Fritz, D., Bianchi, J. P., Clements, M., & Benton, K. (2005, April). *Preterm infants in the family context: Infant-mother play interaction and cumulative Risks*. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Schwichtenberg*, A. J., & Poehlmann, J. (2005, March). *Child symptom presentation in autism spectrum disorder: Connections to family needs and maternal depressive symptoms and perceptions of mothers and therapists*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Annapolis, MD.
- Poehlmann*, J., Schwichtenberg, A. J., Benton¹, K., Voegtline¹, K., & Seifert, R. (2004, May). *Grandchild-grandparent relationships: Resources, risks, and resilience*. Poster presented at the biennial meeting of the International Society of Infant Studies, Chicago, IL.
- Schwichtenberg*, A. J., & Poehlmann, J. (2004, March). *Using applied behavior analysis for treating children with autism spectrum disorders: How does intervention intensity relate to family needs and maternal mental health?* Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.

Mentored Undergraduate Research Presentations

- Zhang¹, S., Chong, P., Keehn, B., & Schwichtenberg, A. J. (July, 2021). *Sleep Problems for Children with Autism: Associations with Grey and White Matter Brain Volumes*. Poster presented at the Purdue Summer Research Symposium, Purdue University, West Lafayette, IN
- Arend¹, G., & Schwichtenberg, A.J. (July, 2021). *Early sleep patterns in two brothers with Duplication 15q11.2-q13.1 syndrome*. Poster presented at the Purdue Summer Research Symposium, Purdue University, West Lafayette, IN

- Dorsey¹, M. M. S., Kellerman, A. M., & Schwichtenberg, A. J. (November, 2019). *Toddler sleep regularity and language skills*. Poster presented at the Purdue Fall Research Symposium, Purdue University, West Lafayette, IN
- Rao¹, C., Kellerman, A. M., & Schwichtenberg, A. J. (November, 2019). *Maternal stress and parent-mediated interventions for children developing at elevated risks for an autism spectrum disorder*. Poster presented at the Purdue Fall Research Symposium, Purdue University, West Lafayette, IN.
- Morris¹, M., Broadstreet², A., Kellerman, A. M., McCormick, C. M., & Schwichtenberg, A. J. (November, 2019). *Exploring maternal responsivity within parent-mediated interventions for children with elevated autism risk*. Poster presented at the Purdue Fall Research Symposium, Purdue University, West Lafayette, IN.
- Thacker¹, K., Garza¹, E., Kellerman, A. M., Seidl, A., & Schwichtenberg, A. J. (November, 2019). *Automated language sampling for children with social communication difficulties*. Poster presented at the Purdue Fall Research Symposium, Purdue University, West Lafayette, IN.
- Pelecky¹, L., Kellerman, A. M., & Schwichtenberg, A. J. (November, 2019). *Joint attention and language development within the early childhood broader autism phenotype*. Poster presented at the Indiana Psychological Association's Fall Conference, Indianapolis, IN.
- Crist¹, E., Kellerman, A. M., & Schwichtenberg, A. J. (November, 2019). *Are parent ratings of toddler temperament associated with their sleep?* Poster presented at the Indiana Psychological Association's Fall Conference, Indianapolis, IN.
- Garza¹, E. J., Thacker¹, K., Kellerman, A. M., & Schwichtenberg, A. J. (July, 2019). *Characterizing the Broader Autism Phenotype in Early Childhood: Are children's vocalizations distinguishable during play?* Poster presented at Purdue's Undergraduate Summer Research Symposium, West Lafayette, IN.
- Bien¹, A. C. S., Kellerman, A. M., & Schwichtenberg, A. J. (July, 2019). *Maternal depression and parent-mediated interventions for children at-risk of developing ASD*. Poster presented at Purdue's Undergraduate Summer Research Symposium, West Lafayette, IN.
- Hollis¹, S., Kellerman, A. M., & Schwichtenberg, A. J. (July, 2019). *Parent-mediated intervention for children developing at-risk for an ASD: Are the number of elevated-risk concerns indicative of greater ASD-risk?* Poster presented at Purdue's Undergraduate Summer Research Symposium, West Lafayette, IN.
- Serratos¹, C., Kellerman, A. M., & Schwichtenberg, A. J. (April, 2019). *The broader autism phenotype in early childhood: Are gaze patterns a possible risk marker?* Poster presented at Purdue's Undergraduate Research Symposium, West Lafayette, IN.

- Jameyfield¹, B., Zhang¹, A., Robinson¹, D., Schmitt¹, L., Dalheim¹, K., Sheehy¹, C., Nanninga¹, A., Abel, E. A., Kellerman, A. M., & Schwichtenberg, A. J. (April, 2017). *The stability of parent-reported sleep problems from 18 to 36 months of age*. Poster presented at Purdue's Undergraduate Research Symposium, West Lafayette, IN.
- Robinson¹, D., Jameyfield¹, B., Kellerman, A. M., & Schwichtenberg, A. J. (April, 2017). *Does eye-tracking during dynamic videos relate to social interactions in high-risk infants?* Poster presented at Purdue's Undergraduate Research Symposium, West Lafayette, IN.

Engagement Presentations

- Kellerher*, B., McCormick, C., Peskova, V., Cloutier, C., Foti, D., Schwichtenberg, A. J., Neo, W. S., Harold, R., Galvez Ortega, K., & Hoilett, O. (December, 2021). *Bringing together caregivers, clinical scientists, and engineers to improve wearable biosensors for clinical trials in Angelman Syndrome*. Presentation for the Angelman Biomarkers and Outcome Measures (A-BOM) Alliance, Angelman Syndrome Foundation, virtual format.
- Schwichtenberg*, A. J. (November, 2020). *Glymphatic system neuroimaging during wake and sleep states*. Online workshop presentation for Goodman-Campbell Brain and Spine, Fishers, IN.
- Kellerman*², A. M., Masters, C., & Schwichtenberg, A. J. (June, 2020). *A family routines intervention for children at elevated risk for ASD: Maternal responsiveness and stress*. Poster presentation for the state of Indiana's First Steps Conference, Bloomington, IN. [Conference canceled]
- Schwichtenberg*, A. J. (October, 2019). *El Sueno en personas con autism y sus familias*. Presentation for Formacion en Autismo a Bolivian Autism Project through PEARLS (Program for Early Autism Research, Leadership, and Service). Recorded at the University of North Carolina, Chapel Hill. Available at <https://www.med.unc.edu/ahs/pearls/service/en-espanol/>
- Kellerman*², A. M., & Schwichtenberg, A. J. (April, 2019). *Autism risk and parent-mediated social-communication interventions*. Roundtable talk for Purdue University's Health and Human Sciences Extension Conference, West Lafayette, IN.
- Schwichtenberg*, A. J., & Kellerman², A. (2017, September). *Neurodiversity in the classroom*. Presented for students at Klondike Elementary, West Lafayette, IN.
- Schwichtenberg*, A. J. (2016, February). *What does autism look like in a two year old?* Presented at the Women for Purdue Brunch, Naples, FL.
- Schwichtenberg*, A. J. (2016, February). *Autism research at Purdue*. Presented at the Purdue Health and Human Sciences Brunch, Naples, FL.

- Schwichtenberg*, A. J. (2016, February). *Autism spectrum disorder: Prevalence, early behavioral markers, and available resources*. Presented for Indiana Association for Child Care Resource and Referral, Indianapolis, IN.
- Schwichtenberg*, A. J. (2016). Pediatric Sleep Council, Sleep Expert. Contributed presentation/video content to address eight questions: *My child has autism. How will he sleep? Can letting a baby cry to sleep affect attachment? What should I do when she wakes upset from naps? How can I get my baby to nap longer? How do I manage sudden night wakings? How common are sleep terrors? Do babies get jet lag and how can I avoid it? What kind of bedding is best for baby?* Available at <https://www.babysleep.com/sleep-experts/dr-a-j-schwichtenberg/>
- Schwichtenberg*, A. J., & Kellerman², A. (2015, September). *Early behavioral signs of autism*. Presented at the Indiana Infant Toddler Institute, Indianapolis, IN.
- Schwichtenberg*, A. J. (2014, April). *Early autism identification in the classroom*. Presented for the Ben and Maxine Miller Child Development Laboratory School, West Lafayette, IN.
- Schwichtenberg*, A. J. (2014, April). *Autism spectrum disorder: Etiology, early identification, and family support*. Presented for The Institute for Strengthening Families Conference, Indianapolis, IN.
- Schwichtenberg*, A. J., Jones*, B., & Friedman*, E. (2014, April). *Sleep, families, and health: A developmental perspective*. Presented for The Institute for Strengthening Families Conference, Indianapolis, IN.
- Schwichtenberg*, A. J. (2013, October). *Autism spectrum disorder: Etiology and early identification*. Presented for Health and Human Sciences Extension Educators, Purdue University, West Lafayette, IN.
- Schwichtenberg*, A. J. (2013, September). *Early autism identification research*. Discussant for Pete's Pals (Physical Education Teacher Educators Supporting Physical Activity and Life Skills) program. Faith Community Center, Lafayette, IN.
- Schweitzer*, J. & Schwichtenberg*, A. J. (2010, March). *Mysteries of the mind: ADHD, autism and other learning challenges*. Presented for California and Western Region Family and Consumer Sciences Conference, Sacramento, CA.
- Schwichtenberg, A. J., Schlafer, R., & Poehlmann*, J. (2007, July). *Developing at risk: From prematurity to parental incarceration*. Presented for members of the Appleton Community Group, Waisman Center, University of Wisconsin, Madison, WI.
- Poehlmann, J., & Schwichtenberg*, A. J. (2005, April). *Early social and physiological processes in the development of self-regulation in high risk infants*. Presented for members of the Sävstaholms Foundation, Waisman Center, University of Wisconsin, Madison, WI.

TEACHING

Purdue University

^a designed course

2014 – Present	Research in Developmental Science ^a
2021 – 2022	Course-based Undergraduate Research Experiences (CURE) Fellow
2018 – Present	Atypical Child Development ^a
2018	Autism Spectrum Disorder ^a
2016 – 2019, 2021	Diversity in the Individual and Families
2015, 2017, 2020	Interdisciplinary Studies in Autism ^a
2016	Biosocial Foundations in the Family
2014	Research Design and Program Evaluation

University of California, Davis

2009	Autism Spectrum Disorders: Concepts, Individuals, and the Media ^a
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MENTORING

Graduate Students ^a Advisee/Committee Chair, ^b Committee Member, ^c Examiner

Emily Abel ^a (M.S., PH.D. in progress),

Human Development and Family Studies, Purdue University

2016	Human Development and Family Studies Outstanding Masters Student, Purdue University
2016	College of Health and Human Sciences Outstanding Masters Student, Purdue University
2016	APA Scholar Award, Society of Pediatric Psychology
2017	Interdisciplinary Research Award, Center for Families, Purdue University
2019-2020	Hilibrand Fellow, Yale Child Study Center

Ashleigh Kellerman ^a (M.S., Ph.D. in progress),

Human Development and Family Studies, Purdue University

2020	College of Health and Human Sciences Excellence in Teaching Award
2020	Purdue Graduate School Mentoring Award
2020	Purdue Graduate School Excellence in Teaching Award
2020	Autism Science Foundation Predoctoral Fellowship Award
2020-2022	Ruth L. Kirschstein Predoctoral National Research Service Award (F31), National Institute of Child Health and Human Development
2022	Human Development and Family Studies, Outstanding Doctoral Student, Purdue University
2022	College of Health and Human Sciences, Outstanding Doctoral Student, Purdue University

Pearlynn Chong^a (M.S., Ph.D. in progress),
 Human Development and Family Studies, Purdue University
 2020 Human Development and Family Studies Outstanding Masters Student,
 Purdue University
 2020 College of Health and Human Sciences Outstanding Masters Student,
 Purdue University

Rana Abu-Zhaya^b (Ph.D.), Speech, Language, and Hearing Sciences, Purdue University
Mary Brauchla^b (Ph.D.), Nutrition Sciences, Purdue University
Jeehyun Choe^b (Ph.D.), Electrical and Computer Engineering, Purdue University
Marie David^b (Ph.D. in progress), Special Education, Purdue University
Rachel Harris^b (M.S.), Health and Kinesiology, Purdue University
Esha Jamnadass^c (Ph.D.), Psychological Science, University of Western Australia
Girija Kadlaskar^b (Ph.D.), Speech, Language, and Hearing Sciences, Purdue University
Ankita Krishnan^b (Ph.D.), Psychological Sciences, Purdue University
Elizabeth Langston^b (M.S.), Speech, Language, and Hearing Sciences, Purdue University
Sarah Leighton^b (Ph.D. in progress), Comparative Pathobiology, Purdue University
Muqing Liu^b (M.S. in progress), Human Development and Family Studies, Purdue University
Lauren O'Connor^b (Ph.D.), Nutrition Sciences, Purdue University
Tyra Prothro^b (M.S.), Psychological Sciences, Purdue University

Undergraduate Students

Brendan Jameyfield, Undergraduate Research Travel Award, Health and Human Sciences | Purdue University, 2016
Anne Nanninga Undergraduate Research Enhancement Award, Center for Families | Purdue University, 2017
Allyson Scott Summer Stay Scholar, Office of the Provost | Purdue University, 2017
Sabrina Hollis St. Mary's College Research Scholar Program, 2019
Loran Pelecky Office of Undergraduate Research (OUR) Scholarship, 2019-2020
Alex Bien Health and Human Sciences (HHS), Undergraduate Research Education and Community Engagement (REACH) Scholar, 2019-2020
Taylor Watters PARC Summer Research Fellowship Award, 2020
 Office of Undergraduate Research (OUR) Scholarship, 2020-2021
Myia Maurianna Sharda Lyman T. Johnson Fellowship, 2020-2021
Marisa Salvino Undergraduate Summer Stay Scholar, 2020
Emily Garza Purdue Institute for Integrative Neuroscience (PIIN) & Discovery-Park Undergraduate Research Internship (DURI), 2019-2020
Amy Janis Undergraduate Research Enhancement Award, Center for Families | Purdue University, 2021

Alex Lindsay Undergraduate Summer Stay Scholar, 2021
Amy Janis and **Katherine Mirah**, Outstanding Poster Award, Life Inspired Poster Session, Health and Human Sciences | Purdue University, Spring 2022
Amy Janis Outstanding Poster Award, Internship Poster Session, Human Development and Family Studies | Purdue University, Spring 2022

PROFESSIONAL SERVICE

Grant Review Service

National Institutes of Health (NIH)

2017 – Present NIH Loan Repayment Program Ambassador
2021, 2022 NIMH Treatment, Prevention, and Services Interventions (R34) Scientific Review Group Member
2021 CPDD, MESH, and BRLE
Biobehavioral and Behavioral Processes
Special Emphasis Panel/Scientific Review Group Member
2017 NIMH Child Psychopathology and Developmental Disabilities Study Section, Special Emphasis Panel/Scientific Review Group Member

Department of Defense

2021 Autism Research Program (ARP) for the Department of Defense (DOD) Congressionally Directed Medical Research Programs (CDMRP)
Clinical Translational Research - Clinical Trial, Review Panel Member
2021 ARP DOD CDMRP
Career Development, Review Panel Member

Indiana Clinical and Translational Sciences Institute (CTSI)

2022 IU Health Values Research Program, Proposal Reviewer
2020, 2021 Translational Research Development Program, Proposal Reviewer
2019 Pilot Funding for Research Use of Core Facilities, Proposal Reviewer

National Science Foundation

2018 Developmental Sciences Program, Proposal Reviewer

Academy of Medical Sciences

2021 Springboard Proposal Reviewer

State/University

- 2022 New Jersey Governor's Council for Medical Research and Treatment of Autism, Scientific Peer Advisory and Review Services division of the American Institute of Biological Sciences (AIBS), Proposal reviewer
- 2021 University of Rochester - New York, Del Monte Institute for Neuroscience, Proposal reviewer
- 2018 University of Washington - Washington, Proposal Reviewer

Professional Society Service

Pediatric Sleep Council

- 2015 – Present Pediatric Sleep Council Advisory Committee
- 2017, 2018,
2019, 2022 Baby Sleep Day, Pediatric Sleep Panelist

Autism Speaks/Autism Science Foundation

- 2014 – Present Baby Siblings Research Consortium (BSRC), Conferred Member
- 2017 – 2019 BSRC, Communications Committee
- 2019 – Present BSRC, Communications Committee Chair
- 2021 – Present BSRC, Executive Committee

International Society for Autism Research

- 2015 – 2022 Annual Meeting Volunteer Reviewer
- 2013, 2016 Facilitator, Early Career Pre-Conference Workshop

Society for Research in Child Development

- 2019 – 2020 Consulting Editor, *Child Development*
- 2012, 2014, 2016, 2018, 2020 Biennial Meeting Volunteer Reviewer
- 2008 – 2011 SRCD Dissertation Funding Committee
- 2006 – 2011 Student and Early Career Council
- 2010 SRCD *Developments* Editor Search Committee
- 2006 – 2009 Publications Committee

Pediatric Sleep Medicine Conference

- 2007 – 2008 Program Planning Committee
- 2019 Trainee Support Panel Member

Sleep Research Society

2017 Sleep Meeting Mentor Program, Mentor
2007 – 2008 Trainee Day Planning Committee

Institute of Translational Health Sciences, University of Washington

2017 Collaboration Innovation Award, Review Committee

Preschool Napping Study, Western University

2020 Advisory Board

Editorial and Review Service

2020 – Present Editorial Board Member, *Sleep Medicine*

2020 – Present Associate Editor, *SLEEP Advances*

2019 – 2020 Consulting Editor, *Child Development*

Ad-hoc Reviewer for Professional Journals

2021 *Journal of Sleep Research*

2021 *Research on Child and Adolescent Psychopathology*

2020 – 2021 *Journal of Developmental and Psychical Disabilities*

2020 *Journal in Autism Spectrum Disorders*

2020 *Clinical Child Psychology and Psychiatry*

2019 – 2020 *American Journal of Psychiatry*

2019 – 2020 *Child Development*

2018 – 2020 *SLEEP*

2018 – 2019 *Autism Research*

2017 – 2018 *Journal of Neurodevelopmental Disorders*

2017 – 2018 *Journal of Pediatrics*

2017 – 2018 *PLOS ONE*

2016 – 2018, 2020 *Journal of Developmental and Behavioral Pediatrics*

2008, 2011, 2014, *American Journal on Intellectual and Developmental Disabilities*

2017 – 2018, 2020 – 2021

2014, 2017 – 2018 *Journal of Autism and Developmental Disorders*

2016 *Journal of Abnormal Child Psychology*

2010 – 2016 *Journal of Child Psychology and Psychiatry*

2015 *Behavioral Sleep Medicine*

2013, 2014 *Child Psychiatry and Human Development*

2014, 2021 *Infant Behavior and Development*

2013 *Archives of General Psychiatry*

2012 *Child Development Perspectives*

2008, 2009, 2012 *Journal of Pediatric Psychology*

2011 *Intellectual and Developmental Disabilities*
 2010 – 2011 *Infancy*
 2010 *Journal of Psychosomatic Research*
 2006 – 2008 *Journal of Marriage and Family*

Purdue University

2022 – Present Disability Resource Center, Faculty Advisory Committee, Member
 2020 – Present Faculty Awards Committee, HDFS, Purdue University, Chair
 2020 – Present HHS Faculty Affairs Committee, Department Representative
 2022 HHS Faculty Affairs Committee, Interim Chair
 2021 – 2022 HHS Associate Dean for Research Search, Committee Member
 2021 – 2022 HHS Signature Area, Developmental Health and Wellness, Co-Lead
 2020 – 2021 College of Health and Human Sciences (HHS) Associate Dean for Diversity, Equity, and Inclusion Search Committee
 2020 – 2021 HDFS Diversity, Equity, and Inclusion Task Force
 2020 – 2021 HDFS Early Childhood Education, Development & Learning Search Committee, Chair
 2020 – 2021 *Sleep on it: Why Sleep Matters*, Purdue Extension, Project Consultant
 2019 – Present *Best Buddies*, Purdue University, Faculty Co-Sponsor
 2015 – Present Graduate Committee, HDFS
 2013 – 2021 *All for Autism*, Purdue University, Faculty Sponsor
 2014 – 2019 Social Committee, HDFS
 2019 External Review Steering Committee
 2019 External Review, Discovery Committee, Chair
 2016 – 2019 Purdue Autism Research Center, Co-Director
 2016 – 2019 Integrative Neuroscience Committee, Departmental Liaison
 2017 Family Processes Faculty Search Committee, HDFS
 2017 Neurodiversity in the Engineering Classroom, Think-tank member, Department of Engineering Education
 2016 – 2017 Autism Cluster Faculty Search Committee, HDFS
 2015 – 2016 Purdue Integrative Neuroscience Center, Active Member, Supported Pillar of Excellent Proposal
 2013 – 2017 Autism Cluster Hire Oversight Committee
 2013 – 2016 Purdue Autism Cluster, Executive Committee
 2014 Student Success at Purdue, Boiler Gold Rush Mentor
 2013 – 2015 Autism Diagnostic Clinic Committee
 2013 – 2015 Miller Endowed Chair Search Committee, Human Development and Family Studies (HDFS)

2013 – 2014 Autism Cluster Search Committee, Department of Psychological Sciences

M.I.N.D. Institute, University of California, Davis

2011 – 2012 Autism Research Dissemination Project, Grants Committee

2009 – 2010 Autism Discussion Group, Co-coordinator

2009 – 2010 Autism Research Training Program, Co-chair Social Committee

University of Wisconsin – Madison

2007 – 2008 Vilas Travel Grant Reviewer

2004 – 2005 Dean of Students Advisory Board