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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

2023 – Present	Dean's Fellow, College of Health and Human Sciences Purdue University, West Lafayette, IN
2019 – Present	Associate Professor
2013 – 2019	Assistant Professor Department of Human Development and Family Science 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

SELECT AWARDS AND HONORS

2022 *Focus Award*, Office of Institutional Equity, Purdue University
(Awarded in recognition of outstanding contributions to
disability accessibility and diversity)

2022 *Synergistic Connections Between Life and Social Sciences*
Award, Healthy Lifestyles and Vital Longevity signature
research area, College of Health and Human Sciences, Purdue
University

2017, 2021, 2024 *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

SELECT RESEARCH FUNDING

Pending and Ongoing Research Support

R21 AG077461 Schwichtenberg, Tong (Co-PI) 09/01/2023 – 08/30/2025
Sleep, breathing, hemodynamic oscillations, and cerebrospinal fluid movements - Building toward a novel treatment approach for Alzheimer's disease
Using cutting edge imaging and multi-sensor technology, this study assesses how sleep, breathing, and CSF movement are aligned and can be manipulated for intervention development.

Indiana CTSI, Collaboration in Translational Research Award
Moding, Schwichtenberg, Honaker (MPIs) 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 – 12/31/2024
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 O'Haire (PI) 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)

Completed Research Support

Indiana CTSI, Translational Research Development Program

Moding (PI)

10/15/2022 – 10/14/2023

Understanding Parenting Behaviors in Infancy that Influence Obesity Development in African American and Latinx Families

A pilot study to assess the feasibility of remote sleep and hair cortisol data collection in African American and Latinx families.

Role: Co-Investigator

Synergistic Connections Between Life and Social Sciences Award, Healthy Lifestyles and Vital Longevity signature research area, College of Health and Human Sciences, Purdue University

Schwichtenberg (PI)

06/01/2022 – 12/31/2023

Building Toward a Novel Alzheimer's Disease Treatment by Elucidating the Coupling between Sleep, Breathing, and Cerebral Spinal Fluid Movement

This award will support a pilot study on how breath manipulation can influence CSF movement/flow in a manner similar to that documented during sleep.

Autism Science Foundation

Bhatt (PI)

07/15/2021 – 07/14/2023

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 – 07/14/2023

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 – 11/31/2023

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

PIIN Schwichtenberg (PI) 07/01/2020 – 12/31/2023
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 “neuroΔ” 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

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)

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

Kinley Trust Schwichtenberg/
Jones (Co-PI) 05/01/2017 – 05/31/2019

Infant sleep and familial risk: Informing early childhood obesity risk

Within families raising children at elevated risk for obesity, this study assesses the roles of sleep and sleep-related family routines on elevated adiposity in early childhood.

Role: Co-Principal Investigator

ICTSI NIH/NCRR UL1TR001108 Honaker (PI) 06/01/2015 – 05/31/2019
Identifying and managing problematic infant night wakings in primary care via a computer decision support system

This grant was issued by the Behavior and Population Sciences Project Development and Pediatric Project Development Teams through the Indiana Clinical and Translational Sciences Institute. These funds support the development of an infant sleep problem monitoring system to be used in primary care facilities via an electronic interface.

Role: Co-Investigator

Health Values Funds for Research Honaker (PI) 01/01/2016 – 05/31/2019
Infant behavioral sleep intervention: Efficacy of a novel approach and implementation into primary care

This small randomized controlled trial assesses the efficacy of a bedtime only intervention to assist with infant night waking difficulties.

Role: Co-Investigator (responsible for videosomnography assessments)

K99/R00 MH092431 Schwichtenberg (PI) 01/01/2011 – 03/01/2017
Self-regulation and sleep in children at risk for autism spectrum disorder

This career transition award supports a series of studies on the roles of sleep in daytime self-regulation within three groups of children: children with an autism, siblings of children with an autism, and typically developing children with no family history of autism.

Role: Fellow (K99), Principal Investigator (R00)

Purdue Research Foundation	Schwichtenberg (PI)	06/01/2017 – 08/01/2017
Gadomski Foundation	Schwichtenberg/ Studebaker (Co-PI)	06/01/2016 – 05/31/2017

Supporting social and communication skills in family routines: A feasibility study for infants at elevated risk for autism spectrum disorder

This feasibility study was funded by two grants and assessed if an existing social communication intervention could be implemented within an established clinical training program.

Role: Principal Investigator

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

F31 HD051035 Poehlmann (PI) 07/01/2005 – 07/01/2008

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 MENTORED RESEARCH FUNDING

Pending and Ongoing Research Support

Purdue Autism Research Center Janis (PI) 06/01/2024 – 05/31/2025

Diversity, Equity, and Inclusion Grant

Family Sleep in Context

A graduate student award to assess family chronotype in families raising children with autism.

Role: Mentor

Purdue Autism Research Center Rosenberger (PI) 06/01/2024 – 05/31/2025

The Recruitment and Development of the CARES (Community-based Autism Research, Engagement, & Scholarship) Youth Advisory Board: Building Community-Engaged Autism Research at Purdue

A graduate student award to run a second cohort of advisees and to disseminate findings from the first advisory board cohort.

Role: Mentor

Purdue Autism Research Center West (PI) 06/01/2024 – 05/31/2025
Investigating the Influence of Pubertal Timing on Sleep in Autistic Adolescents: A Systematic Review and Meta-Analysis
A graduate student award to assess the influence of pubertal timing on sleep in autistic youth via a meta-analysis.
Role: Mentor

Purdue Autism Research Center Stockhausen (PI) 06/01/2024 – 05/31/2025
Your View
An undergraduate student award to assess real-world visual patterns in children with autism spectrum disorder, Down syndrome, and typical development.
Role: Mentor

Center for Families, Family Research Grant
Purdue University Hassan (PI) 06/01/2023 – 05/31/2024
The South Asian Perspective on Coaching Parents on Autism Interventions
A graduate student award to assess perspectives on parent-mediated interventions for autism within diverse families.
Role: Co-Mentor

Health and Human Sciences Diversity Equity and Inclusion Small Grant Award
Purdue University Janis (PI) 06/01/2023 – 05/31/2025
Sleep and Chronotype in Black Families
A graduate student award to develop and validate a chronotype measure for black families.
Role: Mentor

Health and Human Sciences Diversity Equity and Inclusion Small Grant Award
Purdue University Rosenberger (PI) 06/01/2023 – 05/31/2025
The Recruitment and Development of the CARES (Community-based Autism Research, Engagement, & Scholarship) Youth Advisory Board: Building Community-Engaged Autism Research at Purdue
A graduate student award to form a youth advisory board to support autism research at Purdue University.
Role: Co-Mentor

Purdue Autism Research Center Hassan (PI) 06/01/2023 – 05/31/2024
Diversity, Equity, and Inclusion Grant
The South Asian Perspective on Coaching Parents on Autism Interventions
A graduate student award to assess perspectives on parent-mediated interventions for autism within diverse families.
Role: Co-Mentor

Purdue Autism Research Center Rosenberger (PI) 06/01/2023 – 05/31/2024
Adapting a Parent-mediated Intervention for Emerging Autism and Social Communication Concerns: An Implementation Science Case Study
A graduate student award to assess the adaptivity of a parent-mediated intervention for families raising children with social communication concerns or risks.
Role: Co-Mentor

Completed Research Support

F31 HD101282 Kellerman (PI) 09/01/2020 – 08/31/2022
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

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

SELECT PEER-REVIEWED PUBLICATIONS

* Indicates primary author, superscript numbers indicate co-author(s) were mentored:
¹ undergraduate student, ² graduate student, ³ postdoctoral scholar, ⁴ junior faculty

Refereed Journal Articles

- Nieforth*, L. O., Rodriguez, K., Zhuang, R., Miller, E. A., Sabbaghi, A., Schwichtenberg, A. J., MacDermid Wadsworth, S., Granger, D., & O'Haire, M. (in press). The cortisol awakening response in a three-month clinical trial of service dogs for veterans with posttraumatic stress disorder. *Scientific Reports*.
- Nieforth*, L. O., Leighton, S., Schwichtenberg, A. J., MacDermid Wadsworth, S., & O'Haire, M. (in press). A preliminary analysis of psychiatric service dog placements and sleep patterns of partners of veterans with PTSD. *Anthrozoos*.
- Vijayakrishnan Nair*², V., Kish², B., Chong², P., Yang², H., Wu, Y., Tong, Y., & Schwichtenberg, A. J. (2023). Neurofluid coupling during sleep and wake states. *Sleep Medicine*, 110, 44-53. doi:10.1016/j.sleep.2023.07.021
- Kellerman*², A., Hassan, M., Abel, E., Reilly, M., McNally Keehn, R., & Schwichtenberg, A. J. (2023). Case report: Autism risk within the context of two chromosome 15 syndromes. *Journal of Autism and Developmental Disorders*, 53, 503-513.
- Lee*⁴, J., Schwichtenberg, A. J., Bliwise, D., Zahra Ali, S., Hayat, M., Clark, P., & Spratling, R. (2023). Simultaneous recording of objective sleep in mothers and school-aged children with developmental disabilities: A pilot study of actigraphy and videosomnography. *Journal of Developmental and Physical Disabilities*, 11, 1-23. doi:10.1007/s10882-023-09896-7
- 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. *International Journal of Child-Computer Interaction*, 33, 100507. doi.org/10.1016/j.ijcci.2022.100507
- Kellerman*², A., Masters, C., & Schwichtenberg, A. J. (2022). Are maternal self-reports of social difficulties apparent in interactions with their children? *Journal of Autism and Developmental Disorders*, doi.org/10.1007/s10803-022-05786-7
- 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. *Autism Research*, 15(7), 1324-1335. doi:10.1002/aur.2760
- Rabbani*, M., Haque, M., Dipal, D. D., Zarif, M. I. I., Iqbal, A., Schwichtenberg, A. J., Bansal, N., Soron, T. R., Ahmed, S. I., & Ahamed, S. I. (2022). A data-driven

- validation of Mobile-Care (mCARE) Project for Children with ASD in LMICs. *Smart Health*, 26, 100345. doi:10.1016/j.smhl.2022.100345
- Schwichtenberg*, A. J., Janis², A., Lindsey¹, A., Desai¹, H., Sahu¹, A., Kellerman², A., Chong², P., Abel², E., & Yacilla, J. (2022). Sleep in children with autism spectrum disorder: A narrative review and systematic update. *Current Sleep Medicine Reports*, 8(4), 51-61. doi:10.1007/s40675-022-00234-5
- Nieforth*², L. O., Schwichtenberg, A. J., & O’Haire, M. H. (2023). Animal-assisted interventions for Autism Spectrum Disorder: A systematic review of the literature from 2016-2020. *Review Journal of Autism and Development*, 10, 255-280. doi:10.1007/s40489-021-00291-6
- Bradshaw*, J., Schwichtenberg, A. J., & Iverson, J. (2022). Capturing the Complexity of Autism – Applying a developmental cascades framework. *Child Development Perspectives*, 16, 18-26. doi:10.1111/cdep.12439
- TOP CITED Article 2022-2023
- Chong*², P., Garic³, D., Shen, M. D., Lundgaard, I., & Schwichtenberg, A. J. (2022). Sleep, Cerebrospinal Fluid, and the Glymphatic System: A Systematic Review. *Sleep Medicine Reviews*, 61, 101572. doi:10.1016/j.smr.2021.101572
- Vijayakrishnan Nair*², V., Kish², B. R., Inglis, B., Yang², H., Wu, Y., Zhou, X., Schwichtenberg, A. J., & Tong, Y. (2022). Human CSF movement influenced by vascular low frequency oscillations and respiration. *Frontiers in Physiology*, 13:940140. doi:10.3389/fphys.2022.940140
- Yang*², H., Inglis, B., Talavage, T., Vijayakrishnan, V., Yao, J., Fitzgerald, B., Schwichtenberg, A. J., & Tong, Y. (2022). Coupling brain cerebrovascular oscillations and CSF flow during wakefulness: An fMRI study. *Journal of Cerebral Blood Flow and Metabolism*, 42(6),1091-1103. doi:10.1177/0271678X221074639
- 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
- Rabbani*, M., Haque, M. M., Dipal, D., Zarif, M., Iqbal, A., Schwichtenberg, A. J., Bansal, N., Soron, T., Ahmed, S. I., & Ahamed, S. I. (2021). An mCARE study on patterns of risk and resilience for children with ASD in Bangladesh. *Scientific Reports*, 21342.
- 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.smr.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
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Refereed and Published Conference Proceedings

- Haque*, M. M., Ishrak Islam, M., Rabbani, M., Das, D., Schwichtenberg, A. J., Bansal, N., Soron, T. R., Parveen, S., Akhter, S., Begum, A., Patwary, S., Schmidt, A., Admed, S. I., & Ahamed, S. I. (2024, September). *mCARE: Integrating mobile phones, caregivers, and health practitioners to provide regular monitoring and care for the children with Autism Spectrum Disorder in Bangladesh*. Paper to be presented at Pervasive Health, Heraklion, Greece.
- Patel*³, N., Baireddy, S²., Schwichtenberg, A. J., Delp, E., Rayz, V. (2024, June). *Super-resolved and denoising 4D flow MRI of CSF using physics-guided temporally coherent neural network*. Paper to be presented for Summer Biomechanics, Bioengineering and Biotransport Conference, Lake Geneva, WI.
- Patel*³, N., Schwichtenberg, A. J., Delp, E., & Rayz, V. (2023, October). *TransVort: A Temporally Coherent Physics-Guided Neural Network for Super-Resolution and Denoising 4D flow MRI of CSF*. Paper presented for the Division of Fluid Dynamics of the American Physical Society, Tokyo, Japan.
- Rabbani*, M., Haque, M., Das Dipal, D. Zarif, M. Iqbal, A., Schwichtenberg, A. J., Bansal, N., Soron, T., Ahmed, S., & Ahmed, S. I. (2022, November). *A Data-Driven Validation of Mobile-based Care (mCARE) Project for Children with ASD in LMICs*. Paper presented at International Conference on Connected Health: Applications, Systems and Engineering Technologies (IEEE/ACM CHASE), Washington, D. C., USA.
- Patel*³, N., Bartusiak², E., Devarapalli, H., Rothenberger, S., Schwichtenberg, A. J., Delp, E., & Rayz, V. (2022, June). *Denoising 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

- Fulton ^u, M. (in press). Angelman and Fragile X syndrome early sleep patterns. *Journal of Purdue Undergraduate Research*
- Watters ^u, 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 ^u, 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 ^u, 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 ^u, C., & Nanninga ^u, 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 ^u, 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

- Abel*², E., Kellerman², A., Young, G., Ozonoff, S., & Schwichtenberg, A. J. (in prep). *Attention in toddlers at elevated likelihood for autism: The role of sleep.*
- Abel*², E., & Schwichtenberg, A. J. (in prep). *Prospective sleep patterns in infants later diagnosed with autism: A case series.*

- Abel*², E., Ozonoff, S., Anders, T., & Schwichtenberg, A. J. (in review). *Capturing Typical Toddler Sleep in Context: A Videosomnography Study*. Child Development
- Bristol*², S., Leighton², S., Schwichtenberg, A. J., Campbell, R., Ashbeck, E., Taylor, D., & O’Haire, M. (in review). *The Influence of Service Dog Partnerships on Perceived and Objective Sleep Quality for Military Veterans with PTSD*.
- Kellerman*², A., Young, G., Ozonoff, S., & Schwichtenberg, A. J. (in revision). *Dyadic synchrony and responsiveness in elevated autism likelihood: Applying state space grids*
- Kellerman*², A., Young, G., Ozonoff, S., Messinger, D., & Schwichtenberg, A. J. (in review). *Dyadic synchrony and responsiveness in elevated autism likelihood: Applying time-varying effect models*
- Lee*⁴, J., Schwichtenberg, A. J., Bliwise, D., Zahra Ali, S., Hayat, M., Clark, P., & Spratling, R. (2022). *Simultaneous recording of objective sleep in mothers and school-aged children with developmental disabilities: A pilot study of actigraphy and videosomnography*. Manuscript submitted for publication.
- Panjwani, A. A., Bailey, R. L., Bowman, A. B., 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, D., Wells, E., & Kelleher, B. L. (2024). *Feasibility and Acceptability of a Home-Based Collection Method for Monitoring Risk Factors for Autism Spectrum Disorder*. Manuscript submitted for publication.
- Patel*², N., Bartusiak, E., Rothenberger, S., Schwichtenberg, A. J., Delp, E. J., & Rayz, V. (2024). *Super-resolving and denoising 4D flow MRI of cerebrospinal fluid flow using physics-guided neural networks*. Manuscript submitted for publication.
- Schwichtenberg*, A. J., Mirah, K., Janis, A., West., M., & Atkin, A. (2024). *Diversity in Education Study (DivES): Explorations in Higher Education Neurodiversity*. Manuscript submitted for publication.
- Vijayakrishnan Nair*², V., Kish, B., Oshima, H., Wright, A., Wen, Q., Schwichtenberg, A. J., & Tong, Y. (2024). *Amplitude fluctuations of cerebrovascular oscillations and CSF movement desynchronize during NREM3 sleep*. Manuscript submitted for publication.

Engagement Publications/Content

^a As chair of the Baby Siblings Research Consortium (BSRC) Communications Committee, Dr. Schwichtenberg worked with students from the Sleep and Developmental Studies Lab at Purdue University to create the infographics marked with ^a, which were

further refined and published by the Autism Science Foundation and the Baby Siblings Research Consortium.

- Casis*¹, F. & the Baby Siblings Research Consortium Communications Committee^a. (2023). *Sex differences in cognitive functioning*. Infographic published by the Autism Science Foundation and the Baby Siblings Research Consortium.
- Clayton*¹, M., Casis¹, F., & the Baby Siblings Research Consortium Communications Committee^a. (2023). *Developmental outcomes of siblings of children with ASD*. Infographic published by the Autism Science Foundation and the Baby Siblings Research Consortium.
- Custod*¹, E., Casis¹, F., & the Baby Siblings Research Consortium Communications Committee^a. (2023). *Diagnostic Stability in ASD*. Infographic published by the Autism Science Foundation and the Baby Siblings Research Consortium.
- Fulton*¹, M., Casis¹, F., & the Baby Siblings Research Consortium Communications Committee^a. (2023). *Let's Talk about: Developmental outcomes in siblings of children with ASD*. Infographic published by the Autism Science Foundation and the Baby Siblings Research Consortium.
- Fulton*¹, M., Casis¹, F., & the Baby Siblings Research Consortium Communications Committee^a. (2023). *What is the likelihood that my other children will be diagnosed with Autism Spectrum Disorder?* Infographic published by the Autism Science Foundation and the Baby Siblings Research Consortium.
- Janis*¹, A., & Schwichtenberg, A. J. (2022). *Indiana school start times and adolescent sleep health – Policy brief*. Disseminated by the Sleep and Developmental Studies Laboratory of Purdue University.
- 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. (2024, March). *Cerebrospinal fluid disbursement and movement: The roles of sleep*. Presented for the Eli Lilly & Co medical genetics working group at Purdue University.

Schwichtenberg*, A. J. (2023, November) *Sleep and Autism*. Presented for the Center for Sleep and Circadian Rhythms in Child and Adolescent Mental Health, Thomas F. Anders Seminar Series, Brown University.

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 Lafayette, 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.

Select Conference Presentations

Vijayakrishnan Nair*², V., Kish², B., Oshima, H., Wright, A., Wen, Q., Schwichtenberg, A. J., & Tong, Y. (2024, October) *Identifying Sleep Stages Through Central and Peripheral Vascular Coupling Measured by MRI and Near-Infrared Spectroscopy*. Paper to be presented at the annual meeting of the International Society for Optics and Photonics, Nantong, China.

Schwichtenberg, A. J., Janis², A., Lindsey¹, A., Desai¹, H., Sahu¹, A., Kellerman², A., Chong², P., Abel², E., Yacilla, J., & West*², M. (2024, April). *Two year follow up: A narrative review and systematic update of sleep in children with autism spectrum disorder*. Poster to be presented at the Purdue Autism Research Conference (PARC), West Lafayette, IN.

Campbell*, R., Bristol, S., Leighton, S., Schwichtenberg, A. J., Ashbeck, E., Taylor, D., Bedrick, E., & O'Haire, M. (2024, November). *Does fear of sleep mediate the relation between service dog partnership and PTSD severity?* Poster to be presented Association for Behavioral and Cognitive Therapies, Philadelphia, PA.

Kellerman², K., Dermody, S., Messinger, D., Ozonoff, S., & Schwichtenberg*, A. J. (2024, July). *Dyadic synchrony and responsiveness within the context of elevated autism likelihood: Applying time-varying effect models*. In J. Bradshaw (Chair) Biobehavioral Measurement of Interactive Dynamics in Infants at Elevated Likelihood for Autism. Symposium to be presented at the International Congress of Infant Studies, Glasgow, UK.

Oshima*², H., West², M., Vijayakrishnan Nair², V., Kish², B., Tong, Y., & Schwichtenberg, A. J. (2024, June). *Achieving deep sleep in the magnetic resonance environment*. Poster to be presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), Huston, TX.

Abel*², E., & Schwichtenberg, A. J. (2024, April). *Understanding Toddler Sleep in Typical Development: A Videosomnography Study*. Poster to be presented at International Pediatric Sleep Association (IPSA), Glasgow, UK.

Burrows*, C., Sung, S., Zheng, S., Young, G., Ozonoff, S., Robins, D., Webb, S. J., Schwichtenberg, A. J., Schmidt, R., Klaiman, C., Swanson, M., Klin, A., Piven, J., Charman, T., Zwaigenbaum, L., Halladay, A., Marrus, N., Esler, A., Miller, M., Bishop, S., & Elison, J. (2024, April). *Sex-based Measurement Bias in Social Competence in Children at High-familial Likelihood for Autism*. Paper to be

presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Kansas City, Kansas.

Fulton¹, M., Garic, D., Chen, Z., Gross, J., Xu, Y., Hecht, C., Janis, A., West, M., Capal, J., Shen, M., & Schwichtenberg*, A. J. (2024, April). *Angelman and Fragile X Syndromes – Early Sleep Patterns*. Poster to be presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Kansas City, Kansas.

Hassan*², M. Z., Kellerman, A., & Schwichtenberg, A. J. (2024, April). *Early Intervention Patterns for Infant Siblings*. Poster to be presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Kansas City, Kansas.

Zheng, S., Burrows, C., Young, G., Robins, D., Ozonoff, S., Marrus, N., Webb, S. J., Schwichtenberg, A. J. Schmidt, R., Klaiman, C., Swanson, M., Klin, A., Piven, J., Charman, T., Zwaigenbaum, L., Halladay, A., Elison, J., Miller, M., & Bishop, S. (2024, April). *Measurement Bias of the Social Communication Questionnaire-Current in Young Children with Increased Likelihood of Autism Diagnosis: The Impact of Child Age, Sex, and Language Level*. Paper to be presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Kansas City, Kansas.

Patel*², N., Baireddy², S., Markl, M., Schwichtenberg, A. J., Delp, E., & Rayz, V. (2023, October). *Quantifying neurofluid dynamics with 4D flow MRI enhanced by physics-guided neural networks*. Paper presented at the annual meeting of the Society for Magnetic Resonance Angiography, Sendai, Japan.

Patel*², N., Baireddy², S., Schwichtenberg, A. J., Delp, E. & Rayz, V. (2023, May). *TransVort: A Temporally Coherent Physics-Guided Neural Network for Super-Resolution and Denoising 4D flow MRI of CSF*. Presentation at Biomedical Graduate Student Association Symposium, West Lafayette, IN, USA

Schwichtenberg*, A. J., Kellerman, A., Masters, K., & Janis², A. (2023, May) *Supporting Early Social Communication Development within Family Routines – Where Do Families Need More Support?* Poster presented at International Society for Autism Research (INSAR) conference, Stockholm, Sweden.

Abel*², E. A., & Schwichtenberg, A. J. (2023, June). *Prospective Sleep Patterns in Infants Later Diagnosed with ASD: A Case Series*. Poster presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), Indianapolis, IN.

Janis*², A., Kellerman, A., & Schwichtenberg, A. J. (2023, June). *Bedtime routine stability in the context of developmental risk*. Poster presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), Indianapolis, IN.

- Schwichtenberg*, A.J. (2023, 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. Workshop presented at the Associated Professional Sleep Societies (SLEEP), Indianapolis, IN.
- Chong², P. L. H., Prieto, J., Kim, S. H., Styner, M., Elison, J. T., Shen, M. D., & Schwichtenberg*, A. J. (2023, March). *Sleep and extra-axial cerebrospinal fluid in early development*. In Trevor Day (chair), Functional and structural findings from the Baby Connectome Project. Symposium presented at the Society for Research in Child Development (SRCD), Salt Lake City, UT.
- Janis*², A., Kielb², E., Moding, K., & Schwichtenberg, A. J. (2023, March). *Family Sleep and Toddler Obesity Risk: A Descriptive Study*. Poster presented at the Society for Research in Child Development (SRCD), Salt Lake City, UT.
- Moding*, K., Kielb², E., Janis², A., & Schwichtenberg, A. J. (2023, March). *Associations between Infant Temperament, Sleep, Feeding, and Weight in Infancy and Early Childhood*. In K. Molding, A. J. Schwichtenberg (co-chair), Infant sleep and the development of obesity: Direct and indirect associations in four longitudinal cohorts. Symposium presented at the Society for Research in Child Development (SRCD), Salt Lake City, UT.
- Schwichtenberg*, A. J., Abel, E., & Mirah¹, K. (2023, March). *Neurodiversity in the College Classroom: Improving Educator and Peer Support*. Workshop delivered at the Developmental Science Teaching Institute, Salt Lake City, UT.
- Schwichtenberg*, A. J. (2022, December). *Sleep and Autism: Exploring Mechanic Pathways*. In E. Lee, J. Goldschmied (co-chair), and D. Kupfer (moderator), Mechanisms of dysregulated sleep and circadian rhythms across the psychiatric spectrum: Clinical studies to decipher the transdiagnostic role of sleep in mental and cognitive health. Study Group Presentation at the Annual Meeting of the American College of Neuropsychopharmacology, Phoenix, AZ.
- Patel*², N., Bartusiak², E., Rothenberger, S., Schwichtenberg, A. J., Delp, E., & Rayz, V. (2022, November). *Imaging and Enhancing Cerebrospinal Fluid Flow with In silico, In vitro and In vivo Studies*. Oral presentation at American Physics Society Division of Fluid Dynamics, Indianapolis, IN.
- Nair², V. V., Kish², B., Yang², H., Schwichtenberg*, A. J., & Tong*, Y. (2022, October). *Coupling of peripheral and cerebral hemodynamics across wake and light NREM sleep*. Poster presented at fNIRS, Boston, MA.
- Lee*⁴, J., Schwichtenberg, A. J., Bliwise, D., Zahra Ali, S., Hayat, M., Clark, P., & Spratling, R. (2022, June). *Sleep for mothers and their children with developmental disabilities: A actigraphy and videosomnography feasibility study*. Poster presented at the annual meeting of the Associated Professional Sleep Societies (SLEEP), Charlette, NC.

- Patel*², N., Bartusiak², E., Devarapalli, H., Rothenberger, S., Schwichtenberg, A. J., Delp, E. & Rayz, V. (2022, June). *Denoising and Super-resolving 4D Flow MRI Using Physics Guided Neural Networks*. Oral presentation at Summer Biomechanics, Bioengineering, and Biotransport Conference, Chesapeake Bay, MD.
- Pecukonis*², M., 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 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 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 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*, 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 book 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., Shlafer, 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

- Fulton¹, M., Garic, D., Chen, Z., Gross, J., Xu, Y., Hecht, C., Janis, A., West, M., Capal, J., Shen, M., & Schwichtenberg, A. J. (April, 2024). *Angelman and Fragile X Syndromes – Early Sleep Patterns*. Poster presented at the Purdue Spring Research Symposium, Purdue University, West Lafayette, IN.
- Stockhausen¹, K., Rosenberger, C., Mehreen, H., McCormick, C., & Schwichtenberg, A. J. (April, 2024). *Visual Sampling Patterns in a Naturalistic Setting for Toddlers with Autism*. Poster presented at the Purdue Spring Research Symposium and the Purdue Autism Research Conference, Purdue University, West Lafayette, IN.
- Strong¹, A., Siong, W., Peskova, V., Hoilett, O., Kellerher, B., Schwichtenberg, A. J., Yacilla, J., & McCormick, C. (August, 2022). *Relationship between Sensor Placement and Data Loss with Autistic Individuals*. Poster presented at Purdue Summer Research Symposium, Purdue University, West Lafayette, IN.
- Noirot¹, A., Kielbg, E., Schwichtenberg, A. J., & Moding K. J. (April, 2022). *Toddler dietary patterns, attention, and behavioral skills*. Poster presented at the Purdue University Health and Human Sciences Research Day, West Lafayette, IN.
- Strong¹, A., Suter¹, J., Neo, W. S., Peskova, V., Kelleher, B., Schwichtenberg, A. J., Yacilla, J., & McCormick, C. (April, 2022). *Systematic Review of Popularity, Reliability, and Validity of Wearable Sensors for Autistic Participants*. Poster presented at the Purdue Spring Research Symposium, Purdue University, West Lafayette, IN.
- Sun¹, J., Chong, P. L. H., & Schwichtenberg, A. J. (April, 2022). *Do Early Motor Skills Influence Language Development in Infants at Risk for Autism Spectrum Disorder?* Poster presented at the Purdue Autism Research Conference, Purdue University, West Lafayette, IN.

- 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

- Hassan^{2*}, M., & Schwichtenberg, A. J. (2024, September). *Promoting Culturally Competent Parent Training: A Qualitative Study.* Poster to be presented at Division for Early Childhood of the Council for Exceptional Children (DEC), New Orleans, LA.
- Rosenberger^{2*}, C., Loviska, A. M., Williams, R. M., & Schwichtenberg, A. J. (2024, April). *The community-based autism research, engagement, & scholarship (CARES) youth advisory board (YAB): Building community-engaged autism research at Purdue.* Poster to be presented at the Purdue Autism Research Conference (PARC), West Lafayette, IN.
- Schwichtenberg*, A. J., Janis, A., Abel, E., Anderson, K., & Mirah, K. (2023, August). *Neurodiversity in the College Classroom: Improving Educator and Peer Support.* Training presented in partnership with Purdue University's Disability Resource Center, West Lafayette, IN.
- Schwichtenberg*, A. J. (2023, April). *Teaming Effectively: Neurodiversity Inclusivity in Engineering.* Training for Purdue Center for Innovative and Strategic Transformation of Alkane Resources (CISTAR) Fellows Institute, West Lafayette, IN.
- Schwichtenberg*, A. J. (2023, March). *The Developmental Importance of Sleep.* Representing the Sleep Research Society for an educational congressional briefing. Washington, DC.

- 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 ca 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

- 2024, 2023 *Favorite Faculty Nominee*, Health and Human Sciences Success Mentors Program, Purdue University
(Honor bestowed by an undergraduate student for being one of their favorite instructors)
- 2023 *Most Distinguished Faculty for Academics* nomination, Residential Academic Initiatives Office, Purdue University
(Student nomination to recognize outstanding faculty)

Purdue University

^a designed course, ^b substantial course redesign

2014 – Present	Research in Developmental Science ^a
2023	Advanced Child Development within the Family Context ^b
2021	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

Early Career Postdoctoral Scholars and Faculty

Michelle Erskine, Ph.D.	Postdoctoral scholar, Speech Language and Hearing Sciences, Purdue University Supported MOSAIC K99/R00 application (in review)
Amy Heartman, Ph.D.	Postdoctoral scholar, Psychiatry, University of Pittsburgh Supported NIMH K23 application (in review)
Jiwon Lee, Ph.D., RN	Assistant Professor, Nursing, Georgia State University (GSU) Supported successful GSU pilot grant Supported NICHD R01 application (in review)
Neal Patel, Ph.D., MD	Postdoctoral scholar, Biomedical Engineering, Purdue University Supported several successful conference and manuscript submissions
Tonya Piergies, Ph.D.	Postdoctoral scholar, Psychiatry, University of California, Davis NIMH F32 co-sponsor

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

Emily Abel ^a (M.S., Ph.D.),

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

Pearlynn Chong ^a (M.S., Ph.D.),

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

Mehreen Hassan ^a (Ph.D., in progress),

Human Development and Family Science, Purdue University

2019-2020 Ross Fellow, Purdue University

2023-2024 Family Research Award, Center for Families, Purdue University

2023-2024 Diversity, Equity, and Inclusion Research Grant, Purdue Autism Researcher
Center, Purdue University

Amy Janis ^a (M.S., in progress), Human Development and Family Science, Purdue
University

2023 Merit Award, Sleep Research Society

2023-2024 Health and Human Sciences Diversity Equity and Inclusion Small Grant
Award, Purdue University

2024 Purdue Autism Research Center, Diversity, Equity, and Inclusion Award

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

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

Claire Rosenberger^a (M.S. in progress)

Human Development and Family Science, Purdue University

2023-2024 Health and Human Sciences Diversity Equity and Inclusion Small Grant Award, Purdue University

2024 Purdue Autism Research Center, Summer Scholar Award

Moon West^a (M.S. in progress)

2024 Purdue Autism Research Center, Neurodiversity Summer Scholar Award

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

Mehreen Hassan^b (M.S.), Human Development and Family Science, 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), Social Psychology, University of Arizona

Muqing Liu^b (M.S., Ph.D. in progress), Human Development and Family Science, Purdue University

Lauren O'Connor^b (Ph.D.), Nutrition Sciences, Purdue University

Tyra Protho^b (M.S.), Psychological Sciences, Purdue University

Sarah Raza^b (Ph.D.), Psychological Sciences, University of Alberta, Canada

Hideyuki Oshima^b (M.S.), Science and Engineering, Shibaura Institute of Technology, Japan

Anna Barthen^c (Ph.D.), Early Childhood Development, Fielding Graduate University, Santa Barbara, CA

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, Health and Human Sciences, Purdue University, Outstanding Poster Award, Spring 2022

Katherine Mirah, Health and Human Sciences, Purdue University, Course-based Undergraduate Research Experience (C.U.R.E.) Summer Scholar, 2022

Amy Janis Outstanding Poster Award, Internship Poster Session, Human Development and Family Studies, Purdue University, 2022

Amy Janis Undergraduate Student Travel Award, *Sleep Research Society*, 2022

Melanie Clayton OUR Scholar, College of Health and Human Sciences, Purdue University, 2022-2023

Gabriella Hays Discovery Undergraduate Interdisciplinary Research Internship (DUIRI), Purdue university, 2023

Erin Custod Sleep Research Society, 2nd Place 2023 Infographic Contest

Thu 'Izzy' Le Knowlton Center Summer Internship Program, Denison University, 2023

Oshima Hideyuki Laboratory-based Study Abroad Program, Biomedical Engineering, Shibaura Institute of Technology, Japan, Fall 2023

Maelyn Fulton OUR Scholar Travel Award, Office of Undergraduate Research, Purdue University, 2024

Carlos Guzman Research Enhancement Award, Center for Families, Purdue, 2024

Katie Stockhausen Purdue Autism Research Center, Summer Scholar Award, 2024

Haley Zeri Sleep Research Society, 1st Place 2024 Infographic Contest

Maelyn Fulton College of Health and Human Science, 1st Place Research Talk, 2024

High School Students

Chloe Chen West Lafayette High School, Summer Research Experience Mentor

PROFESSIONAL SERVICE

Grant Review Service

National Institutes of Health (NIH)

- 2024, 2023 NIH National Institute on Minority Health and Health Disparities (NIMHD), Loan Repayment Program Review Panel Member
- 2024, 2023 NIH National Institute of Mental Health (NIMH) Pathways to Independence Awards, Special Emphasis Panel Member
- 2022 NIH NIMHD, RFA-MD-022-008 Special Emphasis Panel/Scientific Review Group Member
- 2022, 2021 NIH NIMH Treatment, Prevention, and Services Interventions (R34) Scientific Review Group Member
- 2021 NIH CPDD, MESH, and BRLE Biobehavioral and Behavioral Processes Special Emphasis Panel/Scientific Review Group Member
- 2017 NIH 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)

- 2024, 2019 Pilot Funding for Research Use of Core Facilities, Proposal Reviewer
- 2022 IU Health Values Research Program, Proposal Reviewer
- 2021, 2020 Translational Research Development Program, Proposal Reviewer

National Science Foundation

- 2018 Developmental Sciences Program, Proposal Reviewer

International

- 2024, 2021 Academy of Medical Sciences (United Kingdom), Springboard Proposal Reviewer
- 2023-2024 Swiss National Science Foundation, Proposal Reviewer

2023 Netherlands Organization for Health Research and Development (ZonMw), Mental Health Research Programme Reviewer

State/University

2024, 2023, 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

Autism Science Foundation

2023 Fellowship Review Panel

Professional Society Service

Pediatric Sleep Council

2015 – Present Pediatric Sleep Council Advisory Committee

2017, 2018,

2019, 2022 Baby Sleep Day, Pediatric Sleep Panelist

Autism Science Foundation (formerly Autism Speaks)

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

2023 – Present BSRC, President-elect

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

2024 – 2025 Biennial Meeting Review Panel Co-Chair
Health, Growth, and Injury

2019 – 2020 Consulting Editor, *Child Development*

2012, 2014, 2016, Biennial Meeting Volunteer Reviewer

2018, 2020, 2022

2008 – 2011 SRCF 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

2023 Capital Hill Champaign Advocate/Representative
2017 Sleep Meeting Mentor Program, Mentor
2007 – 2008 Trainee Day Planning Committee

International Society for Infant Research (ICSI)

2024 Conference Buddy, ICIS Student Committee
2013, 2015, 2017, Annual Meeting, Volunteer Submission Reviewer
2019, 2021, 2023

Institute of Translational Health Sciences, University of Washington

2017 Collaboration Innovation Award, Review Committee

Preschool Napping Study, Western University, Canada

2020 Advisory Board

U.S. Food and Drug Administration (FDA)

2023 Advancing the Development of Pediatric Therapeutics (ADEPT)
workshop series, Enhancing Diversity in Therapeutics Development for
Pediatric Patients – workshop planning team member

Editorial and Review Service

2022 – Present Editorial Board Member, *Autism Research*
2024 – 2022 Perspectives Associate Editor, *SLEEP Advances*
2023 – 2020 Editorial Board Member, *Sleep Medicine*
2022 – 2020 Associate Editor, *SLEEP Advances*
2020 – 2019 Consulting Editor, *Child Development*

Ad-hoc Reviewer for Professional Journals

Present – 2020 *Sleep Medicine*
Present – 2022, 2019, 2018 *Autism Research*
Present – 2022, 2020 *Sleep Health*
2024, 2022 - 2020, 2014 *Infant Behavior and Development*
2024, 2020, 2018 *Research in Autism Spectrum Disorders*

2023	<i>BMC Psychiatry</i>
2023	<i>International Journal of Developmental Disabilities</i>
2023	<i>Mechanism of Ageing and Development</i>
2023, 2020, 2018 – 2016	<i>Journal of Developmental and Behavioral Pediatrics</i>
2022, 2018, 2017	<i>Journal of Pediatrics</i>
2021, 2020, 2018, 2017, 2014,	<i>American Journal on Intellectual and Developmental</i>
2011, 2008	<i>Disabilities</i>
2021, 2020	<i>Journal of Developmental and Psychical Disabilities</i>
2021	<i>Journal of Sleep Research</i>
2021	<i>Research on Child and Adolescent Psychopathology</i>
2020	<i>Journal in Autism Spectrum Disorders</i>
2020	<i>Clinical Child Psychology and Psychiatry</i>
2020, 2019	<i>American Journal of Psychiatry</i>
2020, 2019	<i>Child Development</i>
2020 – 2018	<i>SLEEP</i>
2018, 2017, 2014	<i>Journal of Autism and Developmental Disorders</i>
2018, 2017	<i>Journal of Neurodevelopmental Disorders</i>
2018, 2017	<i>PLOS ONE</i>
2016 – 2010	<i>Journal of Child Psychology and Psychiatry</i>
2016	<i>Journal of Abnormal Child Psychology</i>
2015	<i>Behavioral Sleep Medicine</i>
2014, 2013	<i>Child Psychiatry and Human Development</i>
2013	<i>Archives of General Psychiatry</i>
2012, 2009, 2008	<i>Journal of Pediatric Psychology</i>
2012	<i>Child Development Perspectives</i>
2011, 2010	<i>Infancy</i>
2011	<i>Intellectual and Developmental Disabilities</i>
2010	<i>Journal of Psychosomatic Research</i>
2008 – 2006	<i>Journal of Marriage and Family</i>

Purdue University

2023 – Present	College of Health and Human Sciences (HHS), Diversity, Equity, and Inclusion Science Consortium
2022 – Present	Disability Resource Center, Faculty Advisory Committee, Member
2020 – Present	Faculty Awards Committee, HDFS, Purdue University, Chair
2023	Disability Resource Center Director Search Committee, Member
2023	Horizons, First-generation student Mentor
2022 – 2023	HHS Faculty Affairs Committee, HDFS Department Representative, Interim Chair, Co-Chair
2023, 2022	Center for Families, Grant Reviewer
2021 – 2022	HHS Associate Dean for Research Search, Committee Member

2021 – 2022 HHS Signature Area, Developmental Health and Wellness, Co-Lead

2020 – 2021 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 – 2023 *Best Buddies*, Purdue University, Faculty Co-Sponsor

2015 – 2023 HDFS Graduate Committee

2013 – Present *All for Autism*, Purdue University, Faculty Sponsor

2014 – 2019 HDFS Social Committee

2019 HDFS External Review Steering Committee

2019 HDFS 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 HDFS Autism Cluster Faculty Search Committee

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 HDFS, Miller Endowed Chair Search Committee

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

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

