

## Emily K. Schworer, Ph.D.

Waisman Center, University of Wisconsin-Madison  
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### EDUCATION

Ph.D., Applied Developmental Science 2017 – 2020  
Human Development and Family Studies  
Colorado State University  
Dissertation: Foundations of executive function in Down syndrome

M.S., Prevention Science 2015 – 2017  
Human Development and Family Studies  
Colorado State University  
Master's Thesis: Parenting behavior and executive function in children with Down syndrome

B.S., Psychology with a concentration in Neuroscience 2009 – 2013  
University of Richmond  
Honors Thesis: Effect of behavioral intervention training on parents' stress, parenting behaviors, and self-efficacy

### PROFESSIONAL RESEARCH EXPERIENCE

Postdoctoral Research Fellow, University of Wisconsin-Madison 2022 – present  
Waisman Center (PI: Sigan L. Hartley)

Postdoctoral Researcher, Cincinnati Children's Hospital Medical Center 2020 – 2022  
Division of Developmental and Behavioral Pediatrics (PI: Anna J. Esbensen)

Graduate Research Assistant, Colorado State University 2015 – 2020  
Human Development and Family Studies (PI: Deborah J. Fidler)

Professional Research Assistant, University of South Carolina 2013 – 2015  
Neurodevelopmental Disorders Lab (PI: Jane E. Roberts)

### PUBLICATIONS (+Denotes mentored student/staff) (43)

**Schworer, E. K.**, Handen, B. L., Petersen, M., O'Bryant, S., Peven, J. C., Tudorascu, D. L., Lee, L., Krinsky-McHale, S. J., Hom, C. L., Clare, I. C. H., Christian, B. T., Schupf, N., Lee, J. H., Head, E., Mapstone, M., Lott, I., Ances, B. M., Zaman, S., Brickman, A. M., Lai, F., Rosas, D., Hartley, S.L., & Alzheimer Biomarker Consortium-Down Syndrome (2024). Cognitive and functional performance and plasma biomarkers of early Alzheimer's disease in Down syndrome. *Alzheimer's & Dementia: Diagnosis, Assessment, & Disease Monitoring*, 16(2), e12582. <https://doi.org/10.1002/dad2.12582>

Esbensen, A.J., **Schworer, E.K.**, Lee, N. R., Hoffman, E.K., Yamamoto, K., & Fidler, D.J.

- (2024). Implications of using the BRIEF-preschool with school-age children with Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, 129(1), 41–55. <https://doi.org/10.1352/1944-7558-129.1.41>
- Schworer, E.K.** & Esbensen, A.J. (2023). Computer and tablet assessments of executive function in youth with Down syndrome: Feasibility and predictors of performance. *International Journal of Developmental Disabilities*, 1-10. <https://doi.org/10.1080/20473869.2023.2230409>
- Schworer, E.K.**, Soltani, A., Altaye, M., Fidler, D.J., & Esbensen, A.J. (2023). Cognitive flexibility assessment in youth with Down syndrome: Reliability, practice effects, and validity. *Research in Developmental Disabilities*, 133, 104416. <https://doi.org/10.1016/j.ridd.2022.104416>
- Schworer, E.K.**, Altaye, M., Fidler, D.J., Beebe, D.W., Wiley, S., Hoffman, E.K., & Esbensen, A.J. (2023). Evaluating processing speed outcome measures in children and adolescents with Down syndrome. *International Journal of Environmental Research and Public Health*, 20, 5202. <https://www.mdpi.com/1660-4601/20/6/5202>
- Piro-Gambetti, B., **Schworer, E.K.**, Handen, B.L., Glukhovskaya, M., & Hartley, S.L. (2023). Does employment complexity promote healthy cognitive aging in Down syndrome?. *Journal of Intellectual Disabilities*. <https://doi.org/10.1177/17446295231169379>
- Hartley, S.L., Fleming, V.L., **Schworer, E.K.**, Peven, J.C., Handen, B.L., Krinsky-McHale, S.J., Hom, C.L., Lee, A., Tundoascu, D.L., Ances, B., Zaman, S., Mapstone, M., Head, E., Zammit, M., Pulsifer, M., Schupf, I., Silverman, W., Lai, F., Rosas, D., Lee, J., Klunk, W., Cohen, A., Laymon, C., Christian, B.T., & Alzheimer's Biomarker Consortium-Down Syndrome. (2023). Timing of Alzheimer's disease by intellectual disability level in Down syndrome. *Journal of Alzheimer's Disease*, 95(1), 213–225. <https://doi.org/10.3233/JAD-230200>
- Hartley, S.L., Handen, B.L., Tundoascu, D.L., Lee, L., Cohen, A., **Schworer, E.K.**, Peven, J.C., Zammit, M., Klunk, W., Laymon, C., Zaman, S., Ances, B., Preboske, G., & Christian, B.T. (2023). AT(N) biomarker profiles and Alzheimer's disease symptomology in Down syndrome. *Alzheimer's & Dementia*. <https://doi.org/10.1002/alz.13446>
- Soltani, A., **Schworer, E.K.**, Jacobson, L.A., Channell, M.M., Lee, N.R., Faught, G.G., Grzadzinski, R., Fidler, D.J., & Esbensen, A.J. (2023). Confirmatory factor analysis of the BRIEF-2 in a sample of youth with Down syndrome. *Journal of Intellectual Disability Research*, 67(2), 148-158. <https://doi.org/10.1111/jir.13000>
- Soltani, A., **Schworer, E.K.**, Altaye, M., Fidler, D.J., Beebe, D.W., Wiley, S., Hoffman, E.K., Voth, K., & Esbensen, A.J. (2023). Psychometric properties of inhibitory control measures among youth with Down syndrome. *Journal of Intellectual Disability Research* 67(8), 753–769. <https://doi.org/10.1111/jir.13043>
- Soltani, A., **Schworer, E.K.**, & Esbensen, A.J. (2023). The mediatory role of executive functioning on the association between sleep and both everyday memory and ADHD symptoms in children and youth with Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, 128(1), 82–95. <https://doi.org/10.1352/1944-7558-128.1.82>

- Onnivello, S., **Schworer, E.K.**, Prince, M.A., Daunhauer, L.A., & Fidler, D.J. (2023). Early developmental profiles in infants with Down syndrome. *Journal of Intellectual Disability Research*, 67(3), 228–238. <https://doi.org/10.1111/jir.12997>
- Soltani, A., **Schworer, E.K.**, Amin, R., Hoffman, E.K., & Esbensen, A.J. (2023). Executive functioning, language, and behavioral abilities related to obstructive sleep apnea in Down syndrome. *Journal of Developmental & Behavioral Pediatrics*, <https://doi.org/10.1097/0000000000001189>
- Channell, M.M., Mattie, L.J., **Schworer, E.K.**, Fidler, D.J., & Esbensen, A.J. (2023). Using the Social Skills Improvement System (SSiS) rating scales to assess social skills in youth with Down syndrome. *Frontiers in Psychology*, 14:1105520. <https://doi.org/10.3389/fpsyg.2023.1105520>
- Fidler, D.J., Van Deusen, K., **Schworer, E.K.**, Prince, M.A., Lee, N. R., Edgin, J.O, & Daunhauer, L.A. (2023). Longitudinal predictors of neurodevelopmental outcomes in children with Down syndrome. *Developmental Neuropsychology*, 48(6), 280–298. <https://doi.org/10.1080/87565641.2023.2239401>
- Schworer, E.K.**, Esbensen, A.J., Nguyen, V., Bullard, L., Fidler, D.J., Daunhauer, L.A., Mervis, C.B., Becerra, A.M., Abbeduto, L., & Thurman, A.J. (2022). Patterns and predictors of adaptive skills in 2- to 7-year-old children with Down syndrome. *Journal of Neurodevelopmental Disorders*, 14, 1–11. <https://doi.org/10.1186/s11689-022-09430-4>
- Schworer, E.K.**, Esbensen, A.J., Fidler, D.J., Beebe, D.W., Carle, A., & Wiley, S. (2022). Evaluating working memory outcome measures for children with Down syndrome. *Journal of Intellectual Disability Research*, 66(1-2), 195–211. <https://doi.org/10.1111/jir.12833>
- Schworer, E.K.**, +Ahmed, A., +Hogenkamp, L., +Miller, S., & Esbensen, A.J. (2022). Associations among co-occurring medical conditions and cognition, language, and behavior in Down syndrome. *Research in Developmental Disabilities*, 126, 104236. <https://doi.org/10.1016/j.ridd.2022.104236>
- Schworer, E.K.**, Fidler, D.J., Kaur, M., Needham, A. W., Prince, M.A., & Daunhauer, L.A. (2022). Infant precursors of executive function in Down syndrome. *Journal of Intellectual Disability Research*, 66(1-2), 108–120. <https://doi.org/10.1111/jir.12824>
- Schworer, E.K.**, +Voth, K., Hoffman, E.K., & Esbensen, A.J. (2022). Short-term memory outcome measures: Psychometric evaluation and performance in youth with Down syndrome. *Research in Developmental Disabilities*, 120, 104147. <https://doi.org/10.1016/j.ridd.2021.104147>
- Schworer, E.K.**, +Belizaire, S., Hoffman, E.K., & Esbensen, A.J. (2022). Semantic verbal fluency in children with Down syndrome: Analysis of conventional and contextual switching. *Brain Sciences*, 12, 9. <https://doi.org/10.3390/brainsci12010009>
- Esbensen, A.J., & **Schworer, E.K.** (2022). Preface to contemporary issues in evaluating treatment in neurodevelopmental disorders special volume. *International Review of Research in Developmental Disabilities*, 62.

- Esbensen, A.J., **Schworer, E.K.**, Fidler, D.J., & Thurman, A.J. (2022). Considerations for measuring individual outcomes across contexts in Down syndrome: Implications for research and clinical trials. *International Review of Research in Developmental Disabilities*, 62, 191-225. <https://doi.org/10.1016/bs.irrdd.2022.05.005>
- Soltani, A., **Schworer, E.K.**, & Esbensen, A.J. (2022). Executive functioning and verbal fluency performance in youth with Down syndrome. *Research in Developmental Disabilities*, 131, 104358. <https://doi.org/10.1016/j.ridd.2022.104358>
- Thurman, A.J., Bullard, L., Kelly, L., Wong, C., Nguyen, V., Esbensen, A.J., Bekins, J., **Schworer, E.K.**, Fidler, D.J., Daunhauer, L.A., Mervis, C.B., Pitts, C.H., Becerra, A.M., & Abbeduto, L. (2022). Defining expressive language benchmarks for young children with Down syndrome. *Brain Sciences*, 12(6), 743. <https://doi.org/10.3390/brainsci12060743>
- Fidler, D.J., Prince, M.A., Van Deusen, K., Esbensen, A.J., Thurman, A.J., Abbeduto, L., Patel, L., Mervis, C.B., **Schworer, E.K.**, Lee, N.R., Edgin, J.O, Hepburn, S., Davis, S., & Daunhauer, L.A. (2022). Latent profiles of autism symptoms in children and adolescents with Down syndrome. *Journal of Intellectual Disability Research*, 66(3), 265–281. <https://doi.org/10.1111/jir.12910>
- +Smeyne, C., Esbensen, A.J., **Schworer, E.K.**, +Belizaire, S., Hoffman, E.K., Beebe, D.W., & Wiley, S. (2022). Evaluating verbal fluency outcome measures in children with Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, 127 (4), 328–344. <https://doi.org/10.1352/1944-7558-127.4.328>
- Van Deusen, K., Prince, M.A., Esbensen, A.J., Edgin, J.O, **Schworer, E.K.**, Thurman, A.J., Patel, L.R., Daunhauer, L.A., & Fidler, D.J. (2022). Profiles of caregiver-reported executive function in children with Down syndrome. *Brain Sciences*, 12(10), 1333. <https://doi.org/10.3390/brainsci12101333>
- Schworer, E.K.**, Hoffman, E.K., & Esbensen, A.J. (2021). Psychometric evaluation of social cognition and behavior measures in children and adolescents with Down syndrome. *Brain Sciences*, 11(7), 836. <https://doi.org/10.3390/brainsci11070836>
- Schworer, E.K.**, Fidler, D.J., & Daunhauer, L.A. (2021). Early regulatory skills and social communication development in infants with Down syndrome. *Brain Sciences*, 11(2), 208. <https://doi.org/10.3390/brainsci11020208>
- Onnivello, S., **Schworer, E.K.**, Daunhauer, L.A., & Fidler, D.J. (2021). Acquisition of cognitive and communication milestones in infants with Down syndrome. *Journal of Intellectual Disability Research*. <https://doi.org/10.1111/jir.12893>
- Esbensen, A.J., **Schworer, E.K.**, Hoffman, E.K., & Wiley, S. (2021). Child sleep linked to child and family functioning in children with Down syndrome. *Brain Sciences*, 11, 1170. <https://doi.org/10.3390/brainsci11091170>
- Will, E.A., **Schworer, E.K.**, & Esbensen, A.J. (2021). The role of distinct executive functions on adaptive behavior in children and adolescents with Down syndrome. *Child Neuropsychology*, 27(8), 1054–1072. <https://doi.org/10.1080/09297049.2021.1917531>
- Fidler, D.J., **Schworer, E.K.**, Needham, A., Prince, M.A, Patel, L., & Daunhauer, L.A. (2021).

- Feasibility of a syndrome-informed micro-intervention for infants with Down syndrome. *Journal of Intellectual Disability Research*, 65(4), 320–339. <https://doi.org/10.1111/jir.12814>
- Schworer, E.K.**, Fidler, D.J., Kaur, M., Needham, A.W., Prince, M.A., & Daunhauer, L.A. (2020). Goal-directed action planning in infants with Down syndrome. *Journal of Intellectual Disability Research*, 64, 713–724. <https://doi.org/10.1111/jir.12763>
- Riggs, N.R., Rigles, B., **Schworer, E.K.**, & Fidler, D.J. (2020). Community-based participatory approaches to neurogenetic syndrome research. *International Review of Research in Developmental Disabilities*, 58, 157–186. <https://doi.org/10.1016/bs.irrdd.2020.07.007>
- Daunhauer, L.A., Will, E., **Schworer, E.**, & Fidler, D.J. (2020). Young students with Down syndrome: Early longitudinal academic achievement and neuropsychological predictors. *Journal of Intellectual and Developmental Disability*, 45, 211–221. <https://doi.org/10.3109/13668250.2020.1726016>
- Schworer, E.**, Fidler, D.J., Lunkenheimer, E., & Daunhauer, L.A. (2019). Parenting behaviour and executive function in children with Down syndrome. *Journal of Intellectual Disability Research*, 63, 298–312. <https://doi.org/10.1111/jir.12575>
- Fidler, D.J., **Schworer, E.**, Prince, M.A., Will, E., Needham, A.W., & Daunhauer, L.A. (2019). Exploratory behavior and developmental skill acquisition in infants with Down syndrome. *Infant Behavior and Development*, 54, 140–150. <https://doi.org/10.1016/j.infbeh.2019.02.002>
- Fidler, D.J., **Schworer, E.**, Will, E., Patel, L., & Daunhauer, L.A. (2019). Correlates of early cognition in infants with Down syndrome. *Journal of Intellectual Disability Research*, 63, 205–214. <https://doi.org/10.1111/jir.12566>
- Fidler, D.J., Needham, A.W., & **Schworer, E.** (2019). Infant foundations in Down syndrome: Early constraints on cognitive skill acquisition. *International Review of Research in Developmental Disabilities*, 56, 41–65. <https://doi.org/10.1016/bs.irrdd.2019.06.008>
- Daunhauer, L.A., **Schworer, E.**, & Howshar, M. (2017). Parenting matters: Parent-child interactions in Down syndrome and recommendations for future research. *International Review of Research in Developmental Disabilities*, 53, 1–43. <https://doi.org/10.1016/bs.irrdd.2017.08.003>
- Fidler, D.J., Daunhauer, L.A., Will, E.A., Gerlach-McDonald, B., & **Schworer, E.** (2016). The central role of etiology in science and practice in intellectual disability. *International Review of Research in Developmental Disabilities*, 50, 33–69. <https://doi.org/10.1016/bs.irrdd.2016.05.005>

#### **BOOK CHAPTERS (4)**

- Esbensen, A.J., **Schworer, E.K.**, & Hartley, S.L. (2024). Down syndrome. In M. Valdovinos (Ed.), *Intellectual and Developmental Disabilities: A Dynamic Systems Approach*.
- Fidler, D.J., Daunhauer, L.A., **Schworer, E.**, & Patel, L. (2020). Executive function in Down

syndrome: Links to adaptation and treatment implications. In J. Burack, J. Edgin, & L. Abbeduto (Eds.), *The Oxford Handbook of Down Syndrome and Development*. Oxford University Press.

Fidler, D.J., **Schworer, E.**, Swanson, M., & Hepburn, S. (2019). Intellectual disability. In R.J. Sternberg (Ed.), *The Cambridge Handbook of Intelligence*. Cambridge University Press.

Fidler, D.J., Daunhauer, L.A., Will, E.A., & **Schworer, E.** (2018). Working memory in Down syndrome: Methodological considerations and intervention implications. In T. Alloway, (Ed.), *Working Memory and Clinical Developmental Disorders: Theories, Debates and Interventions*. New York: Taylor & Francis.

#### **SYMPOSIA AND PAPER PRESENTATIONS (16)**

**Schworer, E.K.**, Handen, B.L., Peterson, M., Peven, J.C., Krinsky-McHale, S.J., Hom, C.L., Christian, B.T., & Hartley, S.L. (2023). *Functional Abilities and Plasma Biomarkers of Alzheimer's Disease in Down Syndrome*. Paper presented at the Society for Neuroscience Meeting, Washington D.C.

**Schworer, E.K.**, Handen, B.L., Peterson, M., Peven, J.C., Krinsky-McHale, S.J., Hom, C.L., Christian, B.T., & Hartley, S.L. (2023). *Adaptive behavior in adults with Down syndrome: Change over time and in connection to biomarkers of Alzheimer's disease*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, Kansas City, MO.

Yoon, D.M., **Schworer, E.K.**, Fleming, V.L., Handen, B., Peven, J., Plante, D., & Hartley, S.L. (2023). *Obstructive sleep apnea and its effect on mood in adults with Down syndrome*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, Kansas City, MO.

Onnivello, S., **Schworer, E.K.**, Prince, M.A., Daunhauer, L.A., & Fidler, D.J. (2023). *Early developmental profiles in infants with Down syndrome*. Paper presented at the Down Syndrome Research Forum, virtual.

**Schworer, E.K.**, Esbensen, A.J., Fidler, D.J., Beebe, D.W., Carle, A., & Wiley, S. (2021). *Evaluating working memory outcome measures for children with Down syndrome*. Paper presented at the Trisomy 21 Research Society International Conference, virtual.

**Schworer, E.K.**, +Ahmed, A., +Hogenkamp, L., +Miller, S., & Esbensen, A.J. (2021). *Associations among co-occurring medical conditions and cognition, language, and behavior in Down syndrome*. Paper presented at American Association on Intellectual and Developmental Disabilities Annual Meeting, virtual.

+Belizaire, S., **Schworer, E.K.**, Hoffman, E.K., & Esbensen, A.J. (2021). *Verbal fluency in children with Down syndrome: Analysis of conventional and contextual switching*. Paper presented at American Association on Intellectual and Developmental Disabilities Annual Meeting, virtual.

+Hoffman, E.K., **Schworer, E.K.**, & Esbensen, A.J. (2021). *Evaluating social cognition outcome measures in youth with Down syndrome*. Paper presented at the International Association for the Scientific Study of Intellectual and Developmental Disabilities Europe Congress, virtual.

Esbensen, A.J., **Schworer, E.K.**, Hoffman, E.K., & Wiley, S. (2021). *Child sleep linked to family functioning and child adaptive behavior in children with Down syndrome*. Paper presented at the Convention of the American Psychological Association (APA), virtual.

- Fidler, D.J., Prince, M.A., Van Deusen, K., Esbensen, A., Thurman, A., Abbeduto, L., Mervis, C., **Schworer, E.K.**, Patel, L., Lee, N.R., Edgin, J., Hepburn, S., & Daunhauer, L.A. (2021). *Latent profiles of autism symptoms in children and adolescents with Down syndrome*. Paper presented at the Society for the Study of Behavioural Phenotypes, virtual.
- Schworer, E.K.** (2020). *Infant precursors of executive function in Down syndrome*. Paper presented at Cincinnati Children's Hospital Medical Center's Division of Developmental and Behavioral Pediatrics Research Conference, virtual.
- Fidler, D.J., **Schworer, E.**, Prince, M.A., Will, E., Needham, A.W., & Daunhauer, L.A. (2019). *Exploratory behavior and developmental skill acquisition in infants with Down syndrome*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, San Antonio, TX.
- Daunhauer, L.A., Fidler, D.J., **Schworer, E.**, & Needham, A.W. (2019). *The role of perception and motor action in the cognitive development of infants with Down syndrome*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, San Antonio, TX.
- Schworer, E.**, Fidler, D.J., & Daunhauer, L.A. (2018). *Goal-directed and social temperament profiles in infants with Down syndrome*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, San Diego, CA.
- Fidler, D.J., **Schworer, E.**, Will, E., Patel, L., & Daunhauer, L.A. (2018). *Cognition and neuropsychological function in infants with Down syndrome*. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, San Diego, CA.
- +Baker, K., **Schworer, E.**, Rague, L., & Roberts, J.E. (2014). *The relationship between age and CARS score in ASIB and FXS males*. Paper presented at the Annual USC Neurodevelopmental Disorders Summer Symposium, Columbia, SC.

#### POSTER PRESENTATIONS (30)

- Schworer, E.K.**, Zammit, M.D., Handen, B.L., Okonkwo, O.C., Hom, C.L., Ances, B.M., Christian, B.T., & Hartley, S.L. (2024). *Effects of lifestyle factors on Alzheimer's disease symptoms in adults with Down syndrome*. Poster presented at the Alzheimer's Association International Conference, Philadelphia, PA.
- Yoon, D.M., **Schworer, E.K.**, Fleming, V.L., Handen, B., Peven, J., Plante, D., & Hartley, S.L. (2024). *Obstructive sleep apnea and Alzheimer's disease in Down syndrome*. Poster presented at the Alzheimer's Association International Conference, Philadelphia, PA.
- Schworer, E.K.**, Zammit, M.D., Handen, B.L., Okonkwo, O.C., Hom, C.L., Ances, B.M., Klunk, W.E., Christian, B.T., & Hartley, S.L. (2024). *Leisure activity moderates the timing of Alzheimer's disease in people with Down syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, Kansas City, MO.
- Zammit, M.D., **Schworer, E.K.**, Betthausen, T., Hartley, S.L., Laymon, C.M., Tudorascu, D.L., Cohen, A.D., Johnson, S., Converse, A., Minhas, D., Zaman, S.H., Ances, B.M., Head, E., Mapstone, M., Mathis, C., Klunk, W.E., Handen, B.L., Christian, B.T., & Alzheimer Biomarker Consortium-Down Syndrome (2024). *Establishing a timeline for Alzheimer's disease progression in the Down syndrome population based on PET amyloid burden*. Poster presented at the Trisomy 21 Research Society International Conference, Rome, Italy.

- +Hering, A., Hartley, S.L., & **Schworer, E.K.** (2024). *Modified cued recall analysis of intrusions in individuals with Down syndrome*. Poster presented at the University of Wisconsin Undergraduate Symposium, Madison, WI.
- Van Deusen, K., Prince, M.A., Esbensen, A.J., Edgin, J.O., **Schworer, E.K.**, Thurman, A.J., Patel, L.R., Daunhauer, L.A., & Fidler, D.J. (2023). *Caregiver-reported executive function profiles in children with Down syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, Kansas City, MO.
- +Musoff, J.L., Hartley, S.L., & **Schworer, E.K.** (2023). *Evaluating caregiver administration of executive function tablet assessment in Down syndrome*. Poster presented at the University of Wisconsin Undergraduate Symposium, Madison, WI.
- +Avery, O., Yoon, M., **Schworer, E.K.**, & Hartley, S.L. (2023). *Associations between sleep quality and cognitive functioning in adults with Down syndrome*. Poster presented at the University of Wisconsin Undergraduate Symposium, Madison, WI.
- Fleming, V.L., Piro-Gambetti, B., Handen, B., Lee, A., Tudoscu, D., Christian, B.T., **Schworer, E.K.**, & Hartley S.L. (2022). *Aging in adults with Down syndrome by intellectual disability*. Poster presented at the Convention of the American Psychological Association (APA), Minneapolis, MN.
- Esbensen, A.J., **Schworer, E.K.**, Lee, N. R., Hoffman, E.K., Yamamoto, K., & Fidler, D.J. (2022). *Implications of using the BRIEF-preschool with school-age children with Down syndrome*. Poster presented at the Convention of the American Psychological Association (APA), Minneapolis, MN.
- Soltani, A., **Schworer, E.K.**, Jacobson, L. A., Channell, M.M., Lee, N.R., Faught, G.G., Grzadzinski, R., Fidler, D., & Esbensen, A.J. (2022). *Confirmatory factor analysis of the BRIEF-2 in a sample of youth with Down syndrome*. Poster presented at the annual meeting of the American Psychological Association, Minneapolis, MN.
- +Betances, E., +Farrell, K., +Melchiorre, A.R., & **Schworer, E.K.** (2022). *Evaluating computerized assessment of cognition in Down syndrome with caregiver administration*. Poster presented at the Ohio LEND Poster Symposium, Columbus, OH.
- +Shipp, C., Esbensen, A.J., **Schworer, E.K.**, Belizaire, S., Hoffman, E., Beebe, D.W., & Wiley, S. (2021). *Evaluating verbal fluency outcome measures in children with Down syndrome*. Poster presented at the Convention of the American Psychological Association (APA), virtual.
- Bullard, L., Mervis, C.B., Becerra, A., Fidler, D.J., Daunhauer, L.A., Esbensen, A.J., **Schworer, E.K.**, Abbeduto, L., & Thurman, A.J. (2021). *Preliminary examination of the psychometrics of the early social communication scale in young children with Down syndrome*. Poster presented at The Symposium on Research in Child Language Disorders, virtual.
- Kelly, L.A., Wong, C.H., Nguyen, V., Esbensen, A.J., Bekins, J., **Schworer, E.K.**, Fidler, D.J., Daunhauer, L.A., Mervis, C.B., Pitts, C.H., Becerra, A., Abbeduto, L., & Thurman, A.J. (2021). *Defining expressive language benchmarks for young children with Down syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, virtual.
- Thurman, A.J., Nguyen, V., Esbensen, A.J., **Schworer, E.K.**, Fidler, D.J., Daunhauer, L.A., Mervis, C.B., Becerra, A., & Abbeduto, L. (2021). *Profile and predictors of adaptive functioning skills in 2- to 7-year-old children with Down syndrome*. Poster presented at



- the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, virtual.
- Schworer, E.,** Fidler, D.J., & Daunhauer, L.A. (2020). *Infant foundations of executive function in Down syndrome*. Poster accepted at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, conference canceled due to COVID-19.
- +Travis, M., Daunhauer, L.A., **Schworer, E.,** & Fidler, D.J. (2020). *How does prematurity and early intervention relate to developmental outcomes in infants with Down syndrome?* Poster accepted at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, conference canceled due to COVID-19.
- Schworer, E.,** Fidler, D.J., & Daunhauer, L.A. (2019). *Early motor and communication development in infants with Down syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, San Antonio, TX.
- Schworer, E.,** Hepburn, S., Lee, N., Robinson, C., & Fidler, D.J. (2017). *Temperament and joint attention in Down syndrome*. Poster presented at American Psychological Association Annual Convention, Washington, D.C.
- Schworer, E.,** Lopez, A., Lunkenheimer, E., Daunhauer, L., & Fidler, D.J. (2017). *Parenting behavior and executive function in Down syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, San Antonio, TX.
- Schworer, E.,** Klusek, J., Hahn, L.J., Schmidt, J., & Roberts, J.E. (2015). *Anxiety and eye gaze in males with fragile X syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disorders, New Orleans, LA.
- McGrath, S., Klusek, J., **Schworer, E.,** Gunther, J., Abbeduto, L., & Roberts, J.E. (2014). *Cortisol stress response patterns and social behaviors in adolescent boys with fragile x syndrome and autism*. Poster presented at the International Meeting for Autism Research, Atlanta, GA.
- Reisinger, D., Klusek, J., Scherr, J., **Schworer, E.,** & Roberts, J.E. (2014). *Association of social skill deficits and autism symptomology in boys with fragile x syndrome*. Poster presented at the International Meeting for Autism Research, Atlanta, GA.
- McGrath, S., **Schworer, E.,** Abbeduto, L., & Roberts, J.E. (2014). *Cortisol stress response patterns and maladaptive behaviors in adolescent boys with fragile x syndrome and autism*. Poster presented at University of South Carolina Graduate Study Day, Columbia, SC.
- Schworer, E.** (2013). *Effects of behavioral intervention training session on parents' stress and self-efficacy*. Poster presented at the University of Richmond Arts & Sciences Symposium, Richmond, VA.
- Hart, M., Koko, S., Sample, L., **Schworer, E.,** & Shuman, E. (2012). *Corumination in emerging adults' relationships with siblings and friends*. Poster presented at the University of Richmond Arts & Sciences Student Symposium, Richmond, VA.
- Peterson, K., Hart, M., Koko, S., Sample, L., **Schworer, E.,** & Shuman, E. (2012). *Corumination among women and their friends across the first year of college*. Poster presented at the University of Richmond Arts & Sciences Student Symposium, Richmond, VA.

- Lustig, J., Achey, A., **Schworer, E.**, & Daniel, S. (2011). *The effect of level of discrimination on the brain's categorization of stimuli*. Poster presented at the University of Richmond Arts & Sciences Student Symposium, Richmond, VA.
- Kinka, D., Daniel, S., **Schworer, E.**, Vickery, T., Bukach, C., & Gauthier, I. (2010). *Training experts: Individuation without naming is worth it*. Poster presented at the University of Richmond Arts & Sciences Student Symposium, Richmond, VA.

## RESEARCH GRANTS

Schworer (PI) 6/1/2024 – 5/31/2029  
 K99/R00 AG084738-01 \$960,570  
*Remote Cognitive Assessments for Alzheimer's Disease Cognitive Decline in Adults with Down Syndrome*  
 Role: Principal Investigator 75% effort

Hartley (PI) 7/1/2022 – 11/1/2023  
 T32 HD007489 NICHD  
*UW-Madison Waisman Center Postdoctoral Training Program in Intellectual and Developmental Disabilities Research*  
 Role: Postdoctoral Trainee

Schworer (PI) 7/1/2021 – 6/30/2022  
 Jack H Rubinstein Foundation, peer-reviewed \$50,000  
*Evaluating Computerized Assessment of Cognition in Down Syndrome*  
 Role: Principal Investigator 30% effort

## HONORS/AWARDS

Gatlinburg Conference Theodore Tjossem Postdoctoral Award 2023  
 University of Wisconsin-Madison Morse Scholar 2022 – 2023  
 CGS/ProQuest Distinguished Dissertation Award Nominee 2021  
 George A. Morgan Dissertation Award 2019  
 Prudence M. Kaley Scholarship 2017  
 Elizabeth Dyar Gifford Scholarship 2016  
 University of Richmond Honors Program in Psychology 2012 – 2013  
 Dean's List 2009 – 2013  
 Psi Chi International Honor Society in Psychology, Chapter Historian 2012  
 Renée Elmore Memorial Scholarship 2010

## TEACHING EXPERIENCE

### University of Wisconsin-Madison

Guest Lecturer, Research with Vulnerable Populations 2022  
 Leadership Education in Neurodevelopmental and Related Disabilities Program

### Cincinnati Children's Hospital Medical Center

Instructor, Seminar in Evidence Based Methods 2021 – 2022  
 Leadership Education in Neurodevelopmental and Related Disabilities Program

Instructor, Noldus Observer XT workshop series Division of Developmental and Behavioral Pediatrics	2021
Co-Instructor, Seminar in Evidence Based Methods Leadership Education in Neurodevelopmental and Related Disabilities Program	2020 – 2021
Instructor, Statistical Package for the Social Sciences (SPSS) workshop series Division of Developmental and Behavioral Pediatrics	2020

**Colorado State University**

Co-Instructor, Infant and Child Development in Context [HDFS 310]	Spring 2019
Co-Instructor, Infant and Child Development in Context [HDFS 310]	Fall 2017
Guest Lecturer, Advanced Psychology: Lifespan Development [PSY 600H] Cognitive development in childhood: A general overview	2017 – 2019
Guest Lecturer, Professional Skills Development I [HDFS 277] Graduate school application and current experiences	Spring 2018
Teaching Assistant, Infant and Child Development in Context [HDFS 310]	Spring 2017
Teaching Assistant, Individual and Family Development [HDFS 101]	2015 – 2016

**University of Richmond**

Writing Fellow Individual Consultation and Psychology Department First-Year Seminar	2010 – 2013
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**INVITED PRESENTATIONS**

Alzheimer’s Biomarker Consortium-Down Syndrome Annual Meeting Amyloid duration and onset of clinical Alzheimer’s symptoms in Down syndrome	January 2024
Alzheimer’s Biomarker Consortium-Down Syndrome Annual Meeting Cognitive and functional performance and plasma biomarkers of early Alzheimer’s disease in Down syndrome	April 2023
Philanthropic Educational Organization (PEO) Chapter Meeting Executive function in Down syndrome	August 2020
Utah Down Syndrome Foundation New Parent Breakfast Motor and exploration strategies in everyday life for infants and young children with Down syndrome	August 2017
Down Syndrome Association of Atlanta Parent Workshop Cognitive and language development in Down syndrome	April 2017

## **PROFESSIONAL SERVICE**

*Special Guest Co-Editor with Dr. Anna Esbensen*

2021 – 2022 International Review of Research in Developmental Disabilities  
“Contemporary Issues in Evaluating Treatment in Neurodevelopmental Disorders”

*Editorial Assistant*

2017 – 2018 American Journal on Intellectual and Developmental Disabilities

*Newsletter Designer*

2020 – 2022 Thomas Center for Down Syndrome, Biannual research update

*Ad Hoc Reviewer*

American Journal on Intellectual and Developmental Disabilities

Brazilian Journal of Physical Therapy

Children

Frontiers in Education

Healthcare

Heliyon

International Journal of Developmental Disabilities

Journal of Clinical Medicine

Journal of Intellectual Disability Research

Journal of Intelligence

Journal of Texture Studies

Neurocase

Physical & Occupational Therapy in Pediatrics

Research in Developmental Disabilities

SAGE Open Medicine

Scientific Reports

Sustainability

*Panel Participant*

Colorado State University Applied Developmental Science Career Panel

Spring 2022

*Panel Participant*

University of Richmond clinically oriented internships for undergraduates

Fall 2012

## **PROFESSIONAL MEMBERSHIPS**

Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART) 2024 – present

American Association on Intellectual and Developmental Disabilities (AAIDD) 2020 – present

American Psychological Association (APA) 2017 – present

Division 33 (Intellectual and Developmental Disabilities) 2017 – present

Early Career Psychologists Committee, Division 33 2022 – present

**BOARD MEMBERSHIPS**

Social coordinator for Division of Developmental and Behavioral Pediatrics 2020 – 2021  
Student representative for Colorado State University Faculty Search Committee Fall 2018

**CLINICAL EXPERIENCE AND TRAINING**

University of Wisconsin–Madison Delta Program Summer 2024  
Research Mentor Training

Certified Autism Diagnostic Observation Schedule (ADOS-2) examiner 2017 – 2020  
Supervisor: Dr. Susan Hepburn

Group Facilitator, Social skills group for adolescents with autism 2016 – 2017  
Colorado State University Center for Family and Couples Therapy

Preschool Age Psychiatric Assessment (PAPA) training on parent interviewing Spring 2014