

Meghan R. Swanson, Ph.D.

Curriculum Vitae

The University of Texas at Dallas
School of Behavioral and Brain Sciences
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ACADEMIC APPOINTMENTS

2019- current Assistant Professor of Psychology (tenure-track)
The University of Texas at Dallas, Richardson, TX

ACADEMIC AFFILIATIONS

2019- current Faculty Affiliate, Center for Children and Families, University of Texas at Dallas
2017-2018 Investigator, Intellectual and Developmental Disabilities Research Center
University of North Carolina at Chapel Hill, Chapel Hill, NC

ACADEMIC TRAINING AND EDUCATION

2013-2018 University of North Carolina at Chapel Hill, Chapel Hill, NC
Carolina Institute for Developmental Disabilities
Postdoctoral Fellow in Neurodevelopmental Disorders
2013-2015: funded by NIH T32 Postdoctoral Fellowship
2016-2018: funded by NIH K99 Pathway to Independence Award
Mentors: Joseph Piven, M.D. and Martin Styner, Ph.D.

2006-2013 The Graduate Center of the City University of New York
M. Phil., Psychology (2011)
Ph.D., Psychology- Behavioral Neuroscience (2012)
Postdoctoral Fellow (2012-2013)
Faculty Advisor: Michael Siller, Ph.D.

2002-2005 University of Wisconsin- Eau Claire
B.A., Psychology, *Magna Cum Laude*

RESEARCH ACTIVITIES

I am interested in understanding how infants and young children acquire social communication skills and how brain development is involved in this process. In my current research, funded with a NIH K99/R00 Pathway to Independence Award, I employ a multi-method approach to determine the neurobiology underlying emerging language skills in typically developing infants and infants with psychopathology. I also investigate how the early home language environment supports development. My long-term research goal is to identify features of the home language environment that can inform treatment studies for infants at risk for suboptimal development.

ONGOING RESEARCH SUPPORT

Early Social Communication Environment and Brain Development in Infants at Risk for Autism (R00 MH108700)

PI: Meghan R. Swanson
 Sponsor: National Institute of Mental Health
 Project Period: 05/17/19 – 02/28/2022
 Funded Amount: \$730,668 Total Award

Caregiver Speech and Brain-Behavior Development in Infants At-Risk for ASD (BBS Stimulus Grant)

PI: Meghan R. Swanson
 Sponsor: University of Texas at Dallas School of Behavioral and Brain Sciences
 Project Period: 01/01/2020 – 12/31/2020 (currently in no cost extension)
 Funded Amount: \$10,000 Total Award

PREVIOUS RESEARCH SUPPORT

Language Environment and Brain Development in Infants (L30 HD085276)

PI: Meghan R. Swanson
 Sponsor: National Institute of Child Health and Human Development
 Project Period: 07/01/2015-06/30/2017; Renewal 07/01/2017-06/30/2019
 Funded Amount: \$34,416 Total Award

Early Social Communication Environment and Brain Development in Infants at Risk for Autism (K99 MH108700)

PI: Meghan R. Swanson
 Sponsor: National Institute of Mental Health
 Project Period: 08/02/2016 – 12/31/2018
 Funded Amount: \$174,421 Total Award

North Carolina Translational & Clinical Sciences Institute (NC TRACS) (KL2 TR001109)

PI: John B. Buse
 Sponsor: National Center for Advancing Translational Sciences
 Project Period: 09/26/2013 – 04/30/2018
 Role (if not PI): KL2 Scholar, 2016-2018
 Funded Amount: N/A, Declined for NIH K99/R00

An Eye-Tracking Measure of Joint Attention as an Autism Spectrum Disorder Endophenotype: Initial Validation in a Community Sample of Adults, Typically Developing Children, and Children with Autism Spectrum Disorder (G20111015158889)

PI: Meghan R. Swanson
 Sponsor: Sigma Xi the Scientific Research Society
 Project Period: 01/27/2012-01/26/2013
 Funded Amount: \$2,500

Social Cognition in Children with Autism Spectrum Disorder: Theory of Mind and a New Joint Attention Eye Tracking Measure

PI: Meghan R. Swanson
 Sponsor: The Graduate Center of the City University of New York
 Project Period: 02/1/2011-01/31/2012

Funded Amount: \$1,900

CONSULTANT FOR RESEARCH

Title of Grant: Quality of Auditory Environments: Impact on Neural and Behavioral Outcomes of Children from Low Socioeconomic Homes
 PI: Carlos Benítez-Barrera (UTD Postdoctoral Fellow)
 Funding Sponsor: ASHFoundation New Investigators Research Grant
 Role: Consultant

FELLOWSHIPS, HONORS, AND AWARDS

2018, University of Texas System Rising STARs Award (\$300,000)
 2016, UNC Office of Postdoctoral Affairs Travel Award
 2015, Society for Research in Child Development Early Career Travel Award
 2014, UNC FPG Child Development Institute Joanne Erwick Roberts Early Career Award
 2013, CUNY Postdoctoral Travel Award, Round 8, 2013-A
 2012, Autism Science Foundation Travel Grant for the International Meeting for Autism Research
 2012, Autism Speaks Toddler Treatment Young Investigator Award
 2011, CUNY Graduate Center Biopsychology Award for Research and Academic Achievement
 2011, CUNY Graduate Center Presidential Research Fund Travel Grant
 2008-2012, CUNY Graduate Center Behavioral Neuroscience Travel Award
 2009, CUNY Graduate Center Sue Rosenberg Zalk Student Travel and Research Fund
 2006-2012, CUNY Graduate Center Tuition Fellowship
 2006-2008, CUNY Graduate Center Science Fellowship (\$48,000)

PEER REVIEWED PUBLICATIONS (*denotes mentee/advisee)

- [1.] **Swanson, M.R.**, (2020). The role of the home language environment in supporting development in infants and toddlers with ASD. Invited article for a special issue on "Conceptualizing and Interrogating Autism Spectrum Disorder from a Developmental Psychopathology Framework" in *Developmental and Psychopathology*, 32(4), 1230-1239.
<https://doi.org/10.1017/S0954579420000838>
- [2.] Stallworthy, I., Lasch, C., Berry, D. Wolff, J.H., Pruett, Jr., J.R., Marrus, N., **Swanson, M.R.**, Botteron, K.N., Dager, S.R., Estes, A.M., Hazlett, H.C., Schultz, R.T. Zwaigenbaum, L., Piven^, J. & Elison^, J.T. for the IBIS Network. (in press). Variability in responding to joint attention cues in the first year is associated with autism outcome. *Journal of the American Academy of Child & Adolescent Psychiatry*
 ^shared senior authors
- [3.] Meera, S.S., Donovan, K., Wolff, J.J., Zwaigenbaum, L., Elison, J.T., Kinh, T., Shen, M., Estes, A.M., Hazlett, H.C., Watson, L., Baranek, G.T., **Swanson, M.R.**, St. John, T., Burrows, C.A., Schultz, R.T., Dager, S.R., Botteron, K.N., Pandey, J., Piven, J., for the IBIS Network (2020). Towards a data driven approach to screen for autism risk at 12 months of age. *Journal of the American Academy of Child & Adolescent Psychiatry*. <https://doi.org/10.1016/j.jaac.2020.10.015>
- [4.] Schmied, A., Soda, T., Gerig, G., Styner, M., **Swanson, M.R.**, Elison, J.T., Shen, M.D., McKinstry, R.C., Pruett, Jr., J.R., Botteron, K., Estes, A.M., Dager, S.R., Hazlett, H.C., Schultz, R.T., Piven^, J., Wolff^, J.J., for the IBIS Network (2020). Sex differences associated with corpus callosum development in human infants: A longitudinal multimodal imaging study. *NeuroImage*,

215. <https://doi.org/10.1016/j.neuroimage.2020.116821>

^shared senior authors

- [5.] MacDuffie, K.E., Shen, M.D., Dager, S.R., Styner, M., Kim, S.Y., Paterson, S., Pandey, J., St. John, T., Elison, J.T., Wolff, J.J., **Swanson, M.R.**, Botteron, K., Zwaigenbaum, L., Piven, J., Estes, A.M., for the IBIS Network (2020). Sleep problems and subcortical development in infants later diagnosed with autism spectrum disorder. *American Journal of Psychiatry*, 117(6), 518-525. <https://doi.org/10.1176/appi.ajp.2019.19060666>
- [6.] Girault, J. B., **Swanson, M.R.**, Meera*, S.S., Grzadzinski, R.L., Shen, M.D., Burrows, C.A., Wolff, J.J., Pandey, J., St. John, T., Estes, A.M., Zwaigenbaum, L., Botteron, K.N., Hazlett, H.C., Dager, S.R., Shultz, R.T., Constantino, J.N., Piven, J., for the IBIS Network. (2020). Quantitative trait variation in ASD probands and toddler sibling outcomes at 24 months. *Journal of Neurodevelopmental Disorders*, 12(1), 5. <https://doi.org/10.1186/s11689-020-9308-7>
- [7.] **Swanson, M.R.** & Hazlett, H.C., (2019). White matter as a monitoring biomarker for neurodevelopmental disorder intervention studies (2019). *Journal of Neurodevelopmental Disorders*, 11(33). <http://doi.org/10.1186/s11689-019-9295-8>
- [8.] **Swanson, M.R.**, Donovan, K., Paterson, S., Wolff, J.J., Parish-Morris, J., Meera, S.S., Watson, L.R., Estes, A.M., Marrus, N., Elison, J.T., Shen, M.D., McNeilly, H.B., MacIntyre, L., Zwaigenbaum, L., St. John, T., Botteron, K., Dager, S., Piven, J., for the IBIS Network (2019). Early language exposure supports later language skills in infants with and without autism. *Autism Research*. <https://doi.org/10.1002/aur.2163>
- [9.] Marrus, N., Hall, L.P., Paterson, S.J., Elison, J.T., Wolff, J.J., **Swanson, M.R.**, Parish-Morris, J., Eggebrecht, A.T., Pruett, Jr., J., Hazlett, H.C., Zwaigenbaum, L., Dager, S., Estes, A.M., Schultz, R.T., Botteron, K.N., Piven, J., Constantino, J.N., for the IBIS Network (2018). Language delay aggregates in toddler siblings of children with autism spectrum disorder. *Journal of Neurodevelopmental Disorders*, 10(29). <https://doi.org/10.1186/s11689-018-9247-8>
^shared senior authors
- [10.] **Swanson†, M.R.**, Wolff†, J.J., Shen, M.D., Styner, M., Estes, A., Gerig, G., McKinstry, R.C., Botteron, K., Piven^, J., Hazlett^, H.C., for the IBIS Network (2018). Development of white matter circuitry in infants with fragile X syndrome. *JAMA Psychiatry*, 75(5), 1-9. <https://doi.org/10.1001/jamapsychiatry.2018.0180>
†shared first authors, ^shared senior authors
- [11.] Siller, M., Hotez, E., **Swanson, M.**, Delavenne, A., Hutman, T., Sigman, M. (2018). Parent coaching increases the parents' capacity for reflection and self-evaluation: Results from a clinical trial in autism. *Attachment & Human Development*, 20(8), 287-308. <https://doi.org/10.1080/14616734.2018.1446737>
- [12.] **Swanson, M.R.**, Shen, M.D., Wolff, J.J., Elison, J.T., Emerson, R., Styner, M., Hazlett, H.C., Truong, K., Watson, L., Paterson, S., Marrus, N., Botteron, K., Pandey, J., Schultz, R.T., Dager, S., Zwaigenbaum, L., Estes, A.M., Piven, J. for the IBIS Network (2017). Subcortical brain and behavior phenotypes differentiate infants who develop ASD versus language delay. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2(8), 664-672. <https://doi.org/10.1016/j.bpsc.2017.07.007>

- [13.] Marrus, N, Eggebrecht, A.T., Todorov, A., Elison, J.T., Wolff, J.J., Cole, L., Gao, W., Pandey, J., Shen, M.D., **Swanson, M.R.**, Emerson, R., Klohr, C.L., Adams, C.M., Estes, A.M., Zwaigenbaum, L., Botteron, K.N., McKinstry, R.C., Constantino, J.N., Evans, A.C., Hazlett, H.C., Dager, S.R., Paterson, S.J., Schultz, R.T., Styner, M., Gerig, G., The IBIS Network, Schlaggar, B.L., Piven, J., and Pruett, Jr., J.R. (2017). Walking, gross motor development, and brain functional connectivity in infants and toddlers. *Cerebral Cortex*, 28(2), 750-763. <https://doi.org/10.1093/cercor/bhx313>
- [14.] **Swanson, M.R.**, Shen, M.D., Wolff, J.J., Boyd, B., Clements, M., Rehg, M., Elison, J.T., Paterson, S., Parish-Morris, J., Chappell, J.C., Hazlett, H.C., Emerson, R.W., Botteron, K., Pandey, J., Schultz, R.T., Dager, S.R., Zwaigenbaum, L., Estes, A.M., Piven, J., for the IBIS Network. (2017). Naturalistic home language recordings reveal “hypervocal” infants at high familial risk for autism. *Child Development*, 89(2), e60-e73. <https://doi.org/10.1111/cdev.12777>
* First published online March 10, 2017
- [15.] Hazlett, H.C., Gu, H., Munsell, B.C., Kim, S.H., Styner, M., Wolff, J.J., Elison, J.T., **Swanson, M.R.**, Zhu, H., Botteron, K.N., Collins, L., Constantino, J.N., Dager, S.R., Estes, A.M., Evans, A.C., Fonov, V., Gerig, G., Kostopoulos, P., McKinstry, R.C., Pandey, J., Paterson, S., Pruett, J.R., Schultz, R.T., Shaw, D.W., Zwaigenbaum, L., Piven, J., for the IBIS Network. (2017). Early brain development in infants at high risk for autism spectrum disorder. *Nature*, 542(7641), 348-351. <https://doi.org/10.1038/nature21369>
- [16.] Wolff, J.J., **Swanson, M.R.**, Elison, J.T., Gerig, G., Pruett, J.R., Styner, M., Vachet, C., Botteron, K., Dager, S. R., Estes, A.M., Hazlett, H.C., Schultz, R.T., Shen, M.D., Zwaigenbaum, L., Piven, J., for the IBIS Network. (2017). Neural circuitry at age 6 months associated with later repetitive behavior and sensory features in autism. *Molecular Autism*, 8(8). <https://doi.org/10.1186/s13229-017-0126-z>
- [17.] Shen, M.D., Kim, S.H., McKinstry, R.C., Gu, H., Hazlett, H.C., Nordahl, C.W., Shaw, D., Elison, J.T., **Swanson, M.R.**, Fonov, V.S., Gerig, G., Dager, S.R., Botteron, K.N., Paterson, S., Schultz, R.T., Evans, A.C., Estes, A.M., Zwaigenbaum, L., Styner, M.A., Amaral, D.G., Piven, J., for the IBIS Network. (2017). Increased extra-axial cerebrospinal fluid in high-risk infants who later develop autism. *Biological Psychiatry*, 82(3), 186-193. <https://doi.org/10.1016/j.biopsych.2017.02.1095>
- [18.] Emerson, R.W., Adams, C., Nishino, T., Hazlett, H.C., Wolff, J.J., Zwaigenbaum, L., Constantino, J.N., Shen, M.D., **Swanson, M.R.**, Elison, J.T., Kandala, S., Estes, A.M., Botteron, K., Collins, L., Dager, S.D., Evans, A.E., Gerig, G., Gu, H., McKinstry, R.C., Paterson, S., Schultz, R.T., Styner, M., for the IBIS Network, Schlaggar, B.L., Pruett, Jr. J.R., Piven, J. (2017). Functional neuroimaging of high-risk 6-month-old infants predicts a diagnosis of autism at 24 months of age. *Science Translational Medicine*, 9(393), eaag2882. <https://doi.org/10.1126/scitranslmed.aag2882>
- [19.] **Swanson, M.R.**, Wolff, J.J., Elison, J.T., Gu, H., Hazlett, H.C., Botteron, K., Paterson, S., Styner, M., Gerig, G., Constantino, C., Dager, S., Estes, E., Vachet, C., Piven, J. for the IBIS Network (2017*). Splenium development and early spoken language in human infants. *Developmental Science*, 20(2), e12360. <https://doi.org/10.1111/desc.12360>
*First published online October 21, 2015
- [20.] **Swanson, M.R.**, & Siller, M. (2014). Brief Report: Broad autism phenotype in adults is related to performance on an eye-tracking measure of joint attention. *Journal of Autism and Developmental Disorder*, 44(3), 694-702. <https://doi.org/10.1007/s10803-013-1901-0>

- [21.]Erstenyuk*, V., **Swanson, M.R.**, Siller, M. (2014). Pupillary responses during a joint attention task are associated with nonverbal cognitive abilities and sub-clinical symptoms of autism. *Research in Autism Spectrum Disorder*, 8(6), 644-653. <https://doi.org/10.1016/j.rasd.2014.03.003>
- [22.]Kasari, C., Siller, M., Huynh, L., Shih, W., **Swanson, M.R.**, Hellemann, G.S., Sugar, C.A. (2014). Randomized control trial of parental responsiveness intervention for toddlers at high risk for autism. *Infant Behavior and Development*, 37(4), 711-721. <https://doi.org/10.1016/j.infbeh.2014.08.007>
- [23.]Siller, M., **Swanson, M.R.**, Gerber, A., Hutman, T. & Sigman, M. (2014). A parent-mediated intervention that targets responsive parental behaviors increases attachment behaviors in children with ASD: Results from a randomized clinical trial. *Journal of Autism and Developmental Disorder*, 44(7), 1720-32. <https://doi.org/10.1007/s10803-014-2049-2>
- [24.]Siller, M., **Swanson, M.R.**, Serlin, G., & George, A. (2014). Internal state language in the storybook narratives of children with and without autism spectrum disorder: Investigating relations to theory of mind abilities. *Research in Autism Spectrum Disorder*, 8(5), 589-596. <https://doi.org/10.1016/j.rasd.2014.02.002>
- [25.]**Swanson, M.R.**, Serlin, G., & Siller, M. (2013). Broad autism phenotype in typically developing children predicts performance on an eye-tracking measure of joint attention. *Journal of Autism and Developmental Disorder*, 43(3), 707-718. <https://doi.org/10.1007/s10803-012-1616-7>
- [26.]**Swanson, M.R.**, & Siller, M. (2013). Patterns of gaze behavior during an eye-tracking measure of joint attention in typically developing children and children with autism spectrum disorder. *Research in Autism Spectrum Disorders*, 7(9), 1087-1096. <https://doi.org/10.1016/j.rasd.2013.05.007>
- [27.]Bleske-Rechek, A., Remiker, M.W., **Swanson, M.R.**, & Zeug, N.M. (2006). Women more than men attend to indicators of good character: Two experimental demonstrations. *Evolutionary Psychology*, 4 (248-261). <https://doi.org/10.1177/147470490600400121>

BOOK CHAPTERS

- [1.] **Swanson, M.R.**, & Piven, J. (2017). Neurodevelopment of autism: The first three years of life. In M. Casanov, A. El-Baz & J. S. Suri (Eds.). *Autism Imaging and Devices* (pp. 37-57). Boca Raton, FL: CRC Press Taylor and Francis Group. ISBN 9781498709811. <https://doi.org/10.1201/9781315371375>.
- [2.] Rao, H., Clements, M A., Li, Y., **Swanson, M.R.**, Piven, J., Messinger, D.S. & (2017). Paralinguistic analysis of children's speech in natural environments. In J. Rehg, S. Murphy & S. Kumar (Eds.). *Mobile Health: Sensors, Analytic Methods, and Applications*. Springer International Publishing. ISBN 978-3-319-51394-2. https://doi.org/10.1007/978-3-319-51394-2_12
- [3.] Siller, M., Morgan, L., **Swanson, M.R.**, & Hotez, E. (2013). Promoting early identification of autism in the primary care setting: Bridging the gap between what we know and what we do. In M. Fitzgerald (Ed.), *Recent Advances in Autism Spectrum Disorders: Volume 1* (pp. 3-28). Rijeka, Croatia: Intech Open Access Publishers. ISBN: 978-953-51-1021-7. <https://doi.org/10.5772/46001>

SUBMITTED AND IN PREP PUBLICATIONS (*denotes mentee/advisee)

- [1.] Shent[†], M.D., Mostapha[†], M., Hazlett, H.C., Pruett, Jr., J.R., **Swanson, M.R.**, Elison, J.T., Wolff, J.J., Girault, J.B., McKinstry, R.C., Kim, S.H., Chappell, J.C., Pizer, S.M., Zeng, G., Zheng, G., Pandey, J., St. John, T., Fonov, V.S., Collins, D.L., Evans, A.C., Gerig, G., Constantino, J.N., Botteron, K.N., Dager, S.R., Estes, A.M., Schultz, R.T., Zwaigenbaum, L., Piven[^], J., Styner[^], M.A., for the IBIS Network. (under review). Cortical shape and CSF at 6 months of age predict later autism diagnosis.
[†]shared first authors, [^]shared senior authors
- [2.] Plate, S., Yankowitz, L., Resorla, L., **Swanson, M.R.**, Meera, S.S., Estes, A., Marrus, N., Cola, M., Faggen, A., Pandey, J., Paterson, S., Pruett, J.R., Hazlett, H., Dager, S., St. John, T., Botteron, K., Zwaigenbaum, L., Piven, J., Schultz, R.T., Parish-Morris, J., for the IBIS Network (under review). Longitudinal patterns of vocalization development in infants at high risk for autism.
- [3.] Morgalia^{*}, L., Abdi, H., Wolff, J.J., Shen, M.D., Styner, M., Hazlett, H.C., Piven, J., & **Swanson, M.R.**, for the IBIS Network (in prep). Moving Beyond Classic Models of Language Neurobiology Using Partial Least Squares: Broad Cortical Regions Support Language in Infants with Autism.
- [4.] Ravi^{*}, S., Meera, S.S., Parish-Morris, J., Yankowitz, L., Paterson, S., Estes, A., Zwaigenbaum, L., Hazlett, H.C., Botteron, K., Dager, S., Schultz, R.T., Pandey, J., Burrows, C.A., St. John, T., Piven, J., & **Swanson, M.** (in prep). Social communication profile in high-familial risk infants who go on to have autism.

PROFESSIONAL ORAL PRESENTATIONS (*denotes mentee/advisee)

- [1.] Ravi^{*}, S., Parish-Morris, J., Yankowitz, L., Paterson, S., Estes, A., Hazlett, H.C., Pandey, J., Meera, S.S., Zwaigenbaum, L., Botteron, K., Dager, S., Schultz, R.T., Burrows, C.A., Chappell, C., St. John, T., **Swanson, M.**, Piven, J. (to be held April 2021). *Do Social Communication Deficits During Infancy Project Later Language Abilities in Infants who Develop Autism?* Flash talk accepted for presentation at the Society for Research in Child Development Virtual Biennial Meeting.
- [2.] Yankowitz, L.D., Petrulla, V., Meera, S.S., Plate, S., Pandey, J., **Swanson, M.**, Pruett Jr., J., Cola, M., Edwards, M., Moshiro, L., Laver, A., Bourneuf, C., Jaung, T., Tunc, B., Guthrie, W., Wang, L.A.L., Marrus, N., Hazlett, H.C., Botteron, K., Constantino, J.N., Dager, S.R., Estes, A., Zwaigenbaum, L., Piven, J., Schultz, R. T., Parish-Morris, J., and The IBIS Network. (2020, March). *Canonical babbling differences in infants at high- and low-risk for ASD at 6 and 12 months*. Oral Presentation at the Meeting on Language in Autism, Durham, NC. [Meeting cancelled due to COVID-19]
- [3.] Marrus, N., **Swanson, M.R.**, Eggebrech, A., Todorov, A., Elison, J.T., Wolff, J.J., Snyder, A., Nebel, M.B., Parish-Morris, J., Estes, A., Zwaigenbaum, L., Botteron, K., McKinstry, R., Constantino, J., Evans, A.C., Hazlett, H.C., Dager, S.R., Pandey, J., Paterson, S., Schultz, R.T., Styner, M., Gerig, G., Schlaggar, B., Piven, J., Pruett, J., for The IBIS Network. (May 2019). *Language Development and Brain Functional Connectivity in Infants and Toddlers at Risk for ASD*. Oral presentation at the 2019 International Meeting for Autism Research, Montreal, Canada.

- [4.] Girault, J.B., **Swanson, M.R.**, Gradzinski, R.L., Shen, M.D., Meera, S.S., Pandey, J., St. John, T., Estes, A.M., Zwaigenbaum, L., Botteron, K., Hazlett, H.C., Dager, S.R., Schultz, R. T., Constantino, J.N., Piven, J., for the IBIS Network. (May 2019) *Parental Reports of ASD Proband Functioning Are Associated with Outcomes at 24 Months in Infant Siblings*. Oral presentation at the 2019 International Meeting for Autism Research, Montreal, Canada.
- [5.] Shen, M.D., Mostapha, M., Hazlett, H.C., Pruett, J., **Swanson, M.R.**, Elison, J.T., Wolff, J.J., Girault, J., McKinstry, R.C., Kim, S.H., Chappell, J.C., Pandey, J., St. John, T., Fonov, V.S., Collins, D.L., Gerig, G., Evans, A.C., Constantino, J.N., Botteron, K., Dager, S.R., Estes, A., Schultz, R.T., Zwaigenbaum, L., Piven, J., Styner, M., for The IBIS Network. (May 2019). *Cortical Shape and CSF at 6 Months of Age Predict Later Autism Diagnosis*. Oral presentation at the 2019 International Meeting for Autism Research, Montreal, Canada.
- [6.] **Swanson†, M.R.**, Wolff†, J.J., Shen, M.D., Styner, M., Estes, A., Gerig, G., Botteron, K., Piven[^], J., Hazlett[^], H.C., for the IBIS Network (April 2018). *Development of white matter circuitry is diminished in infants with fragile X syndrome*. Oral presentation at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
†shared first authors, [^]shared senior authors
- [7.] Shen, M.D., Judson, M.C., **Swanson, M.R.**, Kim, S.H., Weisenfeld, L., Chappell, J.C., McNeilly, H.B., Smith, R.G., Graves, M.M., Kumar, P., Wadhavkar, N., DeRamus, M., Wheeler, A., Fan, Z., Christian, R.B., Powell, C.M., Thibert, R.L., Styner, M.A., Piven, J., Philpot, B.D., Hazlett, H.C. (August 2018). *Integrating neuroimaging, clinical assessment, and microarray data to validate white matter as a biomarker in children with Angelman syndrome*. Oral presentation at the 2018 Angelman Syndrome Foundation Research Symposium. Chapel Hill, NC.
- [8.] Mostapha, M., Shen, M.D., Kim, S., **Swanson, M.R.**, Collins, L., Fonov, V., Gerig, G., Piven, J., Styner, M.A., and the IBIS Network. (February 2018). *A novel framework for the local extraction of extra-axial cerebrospinal fluid from MR brain images*, Oral presentation at the SPIE Medical Imaging 2018, Houston, TX.
- [9.] **Swanson, M.R.**, Paterson, S., Marrus, N., Shen, M.D., Emerson, R.W., Elison, J.T., Wolff, J.J., Hazlett, H.C., Botteron, B., Schultz, R.T., Zwaigenbaum, L., Estes, A.M., Piven, J., & the IBIS Network. (May 2017). *Language development in high-familial risk infants who go on to have autism or language delay*. Oral presentation at the International Meeting for Autism Research, San Francisco, CA.
- [10.] Emerson, R.W., Adams, C., Nishino, T., Hazlett, H.C., Wolff, J.J., Zwaigenbaum, L., Constantino, J.N., Shen, M.D., **Swanson, M.R.**, Elison, J.T., Kandala, S., Estes, A.M., Botteron, K.N., Collins, L., Dager, S.R., Evans, A.C., Gerig, G., Gu, H., McKinstry, R.C., Paterson, S., Schultz, R.T., Styner, M., the IBIS Network, Schlaggar, B.L., Pruett, J.R. & Piven, J. (May 2017). *Functional neuroimaging in high-risk 6-month-old infants predicts later autism*. Oral presentation at the International Meeting for Autism Research, San Francisco, CA.
- [11.] Shen, M.D., Judson, M.C., **Swanson, M.R.**, Kim, S.H., Weisenfeld, L., McNeilly, H.B., Smith, R.G., Graves, M.M., Chappell, J.C., Christian, R., B., DeRamus, M., Fan, Z., Wheeler, A., Styner, M.A., Piven, J., Philpot, B.D., & Hazlett, H.C. (July 2017). *MRI and DTI in children with Angelman Syndrome reveals white matter pathology linked to motor deficit*. Invited talk at the Angelman Syndrome Foundation Biennial Conference, Phoenix, AZ.

- [12.] Wolff, J.J, **Swanson, M. R.**, Elison, J.T, Hazlett, H.C, Pruett, J.R., Schultz, R.T., Shen, M.D., Vachet, C., Zwaigenbaum, L., Piven, J., & the IBIS Network. (May 2016). *White matter development in infancy predicts repetitive behavior and sensory features*. Oral presentation at the International Meeting for Autism Research, Baltimore, MD.
- [13.] Marrus, N., Eggebrecht, A.T., Todorov, A., Elison, J.T., Wolff, J.J., Gao, W., Pandey, J., Shen, M.D., **Swanson, M.R.**, Emerson, R., Klohr, C. L., Adams, C.M., Snyder, A.Z, Estes, A.M., Zwaigenbaum, L., Botteron, K., McKinstry, R., Constantino, J.N., Evans, A.C., Hazlett, H.C., Dager, S., Paterson, S.J., Styner, M., Gerig, G., the IBIS Network, Schlagger, B.L., Petersen, S. E., Piven, J., Pruett, J.R. (May 2016). *Gross motor function and brain functional connectivity in infants and toddlers at risk for ASD*. Oral presentation at the International Meeting for Autism Research, Baltimore, MD.
- [14.] Wolff, J.J., Elison, J.T., **Swanson, M. R.**, Gerig, G., Styner, M.A., Botteron, K.N., Dager, S.R., Estes, A.M., Evans, A.C., Hazlett, H.C., Schultz, R.T., Zwaigenbaum, L., Piven, J., & the IBIS Network. (May 2015). *Exploring the neural correlates of repetitive behavior in babies with autism*. Oral presentation at the International Meeting for Autism Research, Salt Lake City, UT.
- [15.] Wolff, J.J., **Swanson, M. R.**, Botteron, K., Piven, J., & Hazlett, H.C. (April 2015). *A longitudinal diffusion tensor imaging study of infants with fragile X syndrome*. Oral presentation at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.
- [16.] **Swanson, M. R.** (March 2015). *Trajectories of brain development underlying features of autism in at-risk infants*. Chair of paper symposium at the Society for Research in Child Development Biannual Conference, Philadelphia, PA.
- [17.] **Swanson, M. R.**, Wolff, J. J., Elison, J., Gu, H., Hazlett, H., Botteron, K., Paterson, S., Styner, M., Gerig, G., Constantino, C., Dager, S., Estes, E., Vachet, C., Piven, J. (March 2015). *The neural circuitry supporting language development in the infant brain*. Oral presentation at the Society for Research in Child Development Biannual Conference, Philadelphia, PA.
- [18.] Wolff, J. J., Gerig, G., Styner, M., **Swanson, M. R.**, Elison, J., Estes, E., Flake, L., Klohr, C., Kostopoulos, P., Pandey, J., Paterson, S., Zwaigenbaum, L., Piven, J. (March 2015). *A diffusion tensor imaging study of emerging sensory features in toddlers with autism*. Oral presentation at the Society for Research in Child Development Biannual Conference, Philadelphia, PA.
- [19.] Hotez, E., **Swanson, M. R.**, Delavenne, A., Siller, M. (November 2014). *Baseline parental insightfulness moderates treatment effect of a parent-mediated intervention for toddlers at risk for ASD*. Oral presentation at the Society for Research in Child Development Special Topic Meeting, New Conceptualizations in the Study of Parenting-At-Risk, San Diego, CA.
- [20.] Siller, M., **Swanson, M. R.**, Hutman, T., Sigman, M. (April 2013). *Attachment and autism: Marian Sigman's evolution from cross-sectional to intervention research*. Oral presentation at the Society for Research in Child Development Biennial Meeting, Seattle, WA.
- [21.] **Swanson, M. R.** & Siller, M. (May 2013). *Gaze patterns during an eye-tracking measure of joint attention in typically developing children and children with autism spectrum disorder*. Oral presentation at the International Meeting for Autism Research, San Sebastián, Spain.

- [22.] George*, A., **Swanson, M. R.**, Serlin, G., & Siller, M. (May 2013). *Narrative abilities and internal state language in children with autism spectrum disorder and typically developing children*. Oral presentation at the International Meeting for Autism Research, San Sebastián, Spain.

PROFESSIONAL POSTER PRESENTATIONS (*denotes mentee/advisee)

- [1.] Bradshaw*, A., Shelton*, S., Ravi*, S., Paterson, S., Dager, S., Estes, A., Hazlett, H., Schultz, R., Zwaigenbaum, L., Piven, J., & **Swanson, M.R.**, for the IBIS Network (to be held in April 2021). *Infants with Negative Emotionality Temperament Characteristics Experience Increased Levels of Caregiver Speech*. Posted presentation accepted for presentation at the Society for Research in Child Development Virtual Biennial Meeting.
- [2.] Shelton*, S., Bradshaw*, A., Ravi*, S., Paterson, S., Dager, S., Estes, A., Hazlett, H., Schultz, R., Zwaigenbaum, L., Piven, J., & **Swanson, M.R.**, for the IBIS Network (to be held in April 2021). *Temperament and Vocalization Associations in Typically Developing Infants*. Posted presentation accepted for presentation at the Society for Research in Child Development Virtual Biennial Meeting. *Early Vocalization Trajectories are Associated with ASD Diagnosis in High-Risk Infants*.
- [3.] Plate, S., Petrulla, V., Yankowitz, L., Cola, M., Guthrie, W., Tunc, B., Pandey, J., **Swanson, M.R.**, Meera, S., Estes, A., Marrus, N., Paterson, S., Pruett, J., Hazlett, H., Dager, S., Constantino, J., St. John, T., Botteron, K., Zwaigenbaum, L., Piven, J., Schultz, R., & Parish-Morris, J., for the IBIS Network (to be held in April 2021). Posted presentation accepted for presentation at the Society for Research in Child Development Virtual Biennial Meeting.
- [4.] Ravi*, S., Meera, S.S., Parish-Morris, J., Yankowitz, L., Paterson, S., Estes, A., Zwaigenbaum, L., Hazlett, H.C., Botteron, K., Dager, S., Schultz, R.T., Pandey, J., Burrows, C.A., St. John, T., Piven, J., & **Swanson, M.** (May 2020). *Social communication profile in high-familial risk infants who go on to have autism*. Posted presentation at the International Society for Autism Research Annual Meeting, Seattle, Washington, United States. (Conference Cancelled; Poster not presented).
- [5.] Ravi*, S., Estes, A., Zwaigenbaum, L., Hazlett, H.C., Botteron, K., Dager, S., Schultz, R.T., Pandey, J., St. John, T., **Swanson, M.**, Piven, J., & Elison, J. (July 2020). *Developmental patterns in visual social attention to the face and its relation to language outcomes in typically developing infants*. Poster presentation at the International Congress of Infant Studies 2020 Congress, Virtual. (Conference Cancelled; Poster not presented).
- [6.] Lena, J., Marrus, N., Povinelli, D.J., Elison, J.T., Estes, A.M., Paterson, S., **Swanson, M.R.**, Piven, J., Pruett, J.R. (October 2019). *Social Motivation, Initiation of Joint Attention, and Language in Infants at Risk for Autism*. Poster presented at the American Academy of Child & Adolescent Psychiatry Annual Meeting. Chicago, IL.
- [7.] **Swanson, M.R.**, Donovan, K., Paterson, S., Wolff, J.J., Parish-Morris, J., Meera, S.S., Watson, L.R., Estes, A.M., Marrus, N., Elison, J.T., Shen, M.D., McNeilly, H.B., MacIntyre, L., St. John, T., Dager, S., Piven, J., for the IBIS Network (May 2019). *Early language exposure supports later language skills in infants with and without autism*. Poster presentation at the International Meeting for Autism Research, Montreal, Canada.
- [8.] Stallworthy, I., **Swanson, M.R.**, Dager, S.R., Estes, A., Hazlett, H.C., Schultz, R.T., Piven, J., Elison, J.T., Botteron, K., for the IBIS Network. (May 2019). *Associations between the home*

language environment, maternal education, and naturalistic response to joint attention in infants at high and low familial risk for ASD. Poster presentation at the International Meeting for Autism Research, Montreal, Canada.

- [9.] Yankowitz, L.D., Plate, S., Parish-Morris, J., Gregory, S., Park, N., Song, A., Wang, L.A., Marrus, N., **Swanson, M.R.**, Meera, S.S., Pandey, J., Chappell, J.C., Flake, L., St. John, T., Hazlett, H.C., Botteron, K.B., Constantino, J., Dager, S.R., Zwaigenbaum, L., Piven, J., Shultz, R.T., for the IBIS Network (May 2019). *2-year-olds with autism spectrum disorder direct a smaller proportion of vocalizations toward others.* Poster presentation at the International Meeting for Autism Research, Montreal, Canada.
- [10.] Meera, S.S., Pawar, R., Khuu, K.V., Warren, S.F., Cetin, G., Jagannath, V., Clements, M., Anderson, D.V., Hazlett, H.C., Schultz, R.T., Estes, A.M., Dager, S.R., Zwaigenbaum, L., Botteron, K., Parish-Morris, J., Pandey, J., Swanson, M.R., Watson, L., Piven, J., for the IBIS Network. (May 2019). *Canonical babbling in 9-month-old infants later diagnosed with autism spectrum disorder: a naturalistic evaluation of all-day recordings.* Poster presentation at the International Meeting for Autism Research, Montreal, Canada.
- [11.] Howell, B., Sung, S., Wolff, J., **Swanson, M.**, Styner, M., Gerig, G., Gu, H., Botteron, K., Dager, S., Estes, A., Evans, A., Hazlett, H., McKinstry, R., Pruett, J., Schultz, R., Piven, J., & Elison, J. for the IBIS Network (May 2018). Examining the development of white matter structural networks in infants at high risk for autism using a factor analysis framework. Poster presentation at the FLUX Satellite Conference: Big Data. Little Brains, Chapel Hill, NC.
- [12.] Shen M.D., Styner M., **Swanson M.R.**, Kim S.H., Philpot B.D., Piven J., Hazlett H.C. (May 2017). Cross-disorder comparison of idiopathic autism, fragile X, angelman syndrome, and typical development: An MRI and DTI study of brain structure. Poster presentation at the International Meeting for Autism Research, San Francisco, CA.
- [13.] Migliaccio, J., Parish-Morris, J., Plate, S., Bateman, L., Wood, J., Slomowitz, R., Maldarelli, J., Pandey, J., **Swanson, M.R.**, Paterson, S., Marrus, N., Estes, A.M., Hazlett, H.C., Zwaigenbaum, L., Botteron, K., Dager, S., Piven, J., Schultz, R.T., & the IBIS Network. (May 2017). When high-risk 2-year-olds without ASD talk the most. Poster presentation at the International Meeting for Autism Research, San Francisco, CA.
- [14.] McNeilly*, H. B., **Swanson, M. R.**, Parish-Morris, J., Rehg, J., Clements, M., Botteron, K., C. Hazlett, H. C., Estes, A. M., & Piven, J. & the IBIS Network. (April 2017). Meaningful language experiences in first year of life: Adult-infant talk is positively associated with emerging language skills. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- [15.] Parish-Morris, J., Santulli, M., **Swanson, M.**, Estes, A., Pandey, J., Schultz, R., Paterson, S., and the IBIS Network. (November 2016). Individual growth trajectories of typical and atypical vocalization from 6 to 24 months. Poster presented at the Boston University Conference on Language Development. Boston, MA.
- [16.] **Swanson, M. R.**, Boyd, B., Shen, M. D., Paterson, S., Chappell, C., Pandey, J., Parish-Morris, J., Emerson, R., Estes, A. M., Hazlett, H.C., Botteron, K. N. Schultz, R.T., Dager, S. R., Piven, J., & the IBIS Network. (May 2016). The early language environment and 9 month “hyper-vocalizing” in infants at risk for autism. Poster presented at the International Meeting for Autism Research, Baltimore, MD.

- [17.]Shen, M. D., Styner, M. A., **Swanson, M. R.**, Wolff, J.J, Elison, J.T, Smith, R. G., Graves, M. M., Botteron, K. N., Dager, S. R., Schultz, R.T., Zwaigenbaum, L., Estes, A. M., Piven, J., Hazlett, H.C., & the IBIS Network. (May 2016). A longitudinal MRI study of subcortical brain development in infants who develop autism and infants with fragile X syndrome. Poster presented at the International Meeting for Autism Research, Baltimore, MD.
- [18.]Paterson, S. J., Wolff, J.J, **Swanson, M. R.**, Elison, J.T, Zwaigenbaum, L., Estes, A. M., Botteron, K. N., Hazlett, H.C., Pandey, J., Schultz, R.T., Piven, J., & the IBIS Network. (May 2016). The relationship between temperament and brain development in infant siblings with autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Baltimore, MD.
- [19.]Silller, M., Hotez, E. R., **Swanson, M. R.** (May 2016). Using quality improvement collaboratives to improve early identification of autism by primary care providers serving low resource urban communities. Poster presented at the International Meeting for Autism Research, Baltimore, MD.
- [20.]Erstenyuk*, V., **Swanson, M. R.**, Siller, M. (April 2013). Cognitive abilities in relation to pupillary responses during social videos. Poster presented at the Society for Research in Child Development Biennial Meeting, Seattle, WA.
- [21.]**Swanson, M. R.**, Erstenyuk, V. Jyotishi, M. Masry, F. Serlin G. & Siller. M. (May 2012). Broad autism phenotype in typically developing children predicts performance on an eye-tracking measure of joint attention. Poster presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.
- [22.]**Swanson, M. R.**, Erstenyuk, V., Serlin, G., Siller. M. (May 2011). A new joint attention eye tracking measure for children with autism: A pilot study with neurotypical adults. Poster presented at the International Meeting for Autism Research, San Diego, CA.
- [23.]Erstenyuk*, V., **Swanson, M. R.**, Siller, M. (November 2011). Pupillary response: A joint attention experience. Poster presented at the Society for Neuroscience Annual Meeting, Washington, D.C.
- [24.]Serlin, G., Menon, S., **Swanson, M. R.**, Wang, T., Siller., M. (May 2011). Visual processing of social information in adults and children. Poster presented at the International Meeting for Autism Research, San Diego, CA.
- [25.]**Swanson, M. R.**, Siller. M. (November 2010). Does the broader autism phenotype questionnaire predict gaze patterns during a joint attention paradigm? Poster presented at A Brain Research Meeting: The Emerging Neuroscience of ASD. (Satellite conference to the Society for Neuroscience conference), San Diego, CA.
- [26.]**Swanson, M. R.**, Siller, M., Hutman, T., Sigman. M. (May 2010). Child attachment behaviors increase in response to a parent-mediated intervention: Initial results from a clinical trial in autism. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.

TEACHING EXPERIENCE

UNIVERSITY OF TEXAS AT DALLAS

Instructor on Record:

Child Psychopathology, School of Behavioral and Brain Sciences, Spring 2020, Enrollment of 56

MARCH 2021

Child Psychopathology, School of Behavioral and Brain Sciences, Fall 2020, Enrollment of 67

Guest Lecturing:

Doctoral Proseminar, School of Behavioral and Brain Sciences, Fall 2019, talk titled "*Charting Brain and Behavioral in Infants with Neurodevelopmental Disorders.*"

UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER

Guest Lecturing:

Dental School Residents, Fall 2020, talk titled "*Cognitive Development and Brain Development in Early Childhood.*"

UNIVERSITY OF NORTH CAROLINA

Guest Lecturing:

Doctoral Seminar in Autism, Department of Speech and Hearing Sciences, Spring 2018, talk titled "*Early Language Development in Autism Spectrum Disorder.*"

Doctoral Seminar in Prelinguistic and Early Linguistic Communication Behavior, Department of Speech and Hearing Sciences, Spring 2017, talk titled "*Neurodevelopment of Early Communication.*"

HUNTER COLLEGE

Instructor on Record:

Master's level Developmental Psychology I, Adjunct Assistant Lecturer-Fall 2012

Psychology of Exceptional Children (upper level undergraduate course), Adjunct Lecturer-Spring 2011

Introduction to Psychology, Adjunct Lecturer-Fall 2008, Spring 2009

Teaching Assistant:

Psychology of Exceptional Children (upper level undergraduate course), Winter 2010

Guest Lecturing:

Psychology of Cognitive Development, Department of Psychology, Spring 2013, talk titled "*Eye-tracking in Autism Research.*"

Psychology of Cognitive Development, Department of Psychology, Fall 2012, talk titled "*Using Eye-Tracking to Define Endophenotypes in Autism Spectrum Disorder.*"

MENTORING

UNIVERSITY OF TEXAS AT DALLAS

Doctoral Advisement

Shruthi Ravi

2019 – current

Dennis Wu	2020 – current
Sharnya Govindaraj	2020 – current

Masters Research Supervision

Shalomi Shelton	2019 – current
Kai Ueno	2020 – current
Katiana Estrada	2020 – current

PhD Committees

Shruthi Ravi (chair)	2019 – current
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Qualifying Thesis Committee

Desi Jones	2019 – current
Kilee DeBrabander	2020 – current

Undergraduate Student Research Assistants

Gizman Baraso	2019 – current
Luciana San Estaban	2019 – 2020
Hanna Wong	2019 – current

Awards Won by Primary Mentees

Dennis Wu, James C. Bartlett, PhD Fellowship, 2020

UNIVERSITY OF NORTH CAROLINA

Informal Mentoring (Primary Mentor: Joseph Piven, M.D.)

Shoba Meera, Ph.D. (Fullbright Scholar)	2017 - 2019
Heidi Bryant McNeilly, M.S.W	2015 - 2019

HUNTER COLLEGE

Informal Mentoring (Primary Mentor: Michael Siller, Ph.D.)

Valentyna Erstenyuk, B.A.,	2010 - 2012
Manya Jyotishi, M.S.	2011 - 2012

INVITED LECTURES

John Hopkins conference on The Spectrum of Developmental Disabilities XLII: Language: Gateway to Neurodevelopmental Disabilities (3/22/21), talk titled “*Early Language Development: Neuroanatomic and Functional Underpinnings.*”

Washington University in St. Louis Intellectual and Developmental Disabilities Research Center (IDDRC) Autism Seminar Series, Washington University in St. Louis (12/18/17), talk titled “*Learning to Talk: The Neurodevelopment of Emerging Language.*”

Psychiatry Department, University of Minnesota (10/18/17), talk titled “*Learning to Talk: The Neurodevelopment of Emerging Language.*”

Georgia Tech College of Engineering (8/22/17), talk titled “*Learning to Talk: The Neurodevelopment of Emerging Language.*”

MARCH 2021

The Elison Lab for Developmental Brain and Behavior Research, University of Minnesota Institute for Child Development (8/12/14), talk titled "*Splenium Development from 6 to 24 Months Predicts Language Production at 24 months.*"

LOCAL INVITED LECTURES

- Center for Vital Longevity Science Luncheon Series, UT Dallas (10/18/20). Joint talk with Luke Moraglia (doctoral student). Talk titled "*Moving Beyond Classic Models of Language Neurobiology Using Partial Least Squares: Broad Cortical Regions Support Language in Infants with Autism.*"
- Callier Center for Communication Disorders FLASH Series, UT Dallas (11/15/19). Talk titled "*The Supporting Role of Caregiver Speech in Early Language Development for Infants with and without Autism.*"
- Center for BrainHealth Frontiers Lecture Series, UT Dallas (03/08/19). Talk titled "*Charting Brain, Behavior, and the Home Environment to Understand Infants with Neurodevelopmental Disorders.*"
- UNC Carolina Institute for Developmental Disabilities Investigator Forum, UNC (10/10/17), talk titled "*Learning to Talk: The Neurodevelopment of Emerging Language.*"
- Frank Porter Graham Brown Bag Lunch Seminar, University of North Carolina (5/18/15), talk titled "*The Neural Circuitry of Early Language Development in Human Infants.*"
- The 4th Annual UNC Psychiatry Research Day Young Investigator Symposium, University of North Carolina (10/29/14), talk titled "*The Neural Circuitry of Early Language Development in Human Infants.*"

DEPARTMENTAL AND EXTRACURRICULAR SERVICE

- 2020-current, Psychology Inclusion, Diversity, Equity & Anti-Racism Group, UTD Psychology Dept.
- 2020-current, Research Imaging Safety and Feasibility Ad Hoc Committee, UTD Office of Research
- 2020-2021, Co-Chair of Admissions & Recruitment Committees, UTD Psychology Department
- 2019-current, Admissions & Recruitment Committee Member, UTD Psychology Department
- 2019-current, UT Dallas First-Generation Faculty Support Network
- 2017-current, International Society for Autism Research Social Media Committee Member
- 2017-2018, UNC CIDD Journal Club Organizer
- 2015-2017, UNC Women in Science Planning Committee
- 2011, 2012, New York City Science and Engineering Fair Judge
- 2008, 2009, Hunter College Biopsychology Admissions and Awards Committee (Grad Student Rep.)

PROFESSIONAL ACTIVITIES AND CONSORTIUM MEMBERSHIPS

- 2020- current, Member of the Baby Sibling Research Consortium
- 2019- current, Executive Committee Member, The Infant Brain Imaging Study
- 2017- current, Member of the DARCLE Consortium (DARCLE: Daylong Audio Recordings of Children's Linguistic Environments)
- 2014-2015, UNC Translational and Clinical Research Curriculum (professional development for junior faculty and postdocs including an intensive year-long grant writing course)
- 2014, Cold Spring Harbor Course on the Neurobiology of Language
- 2013- current, Investigator, The Infant Brain Imaging Study Network
- 2013, Institute for Healthcare Improvement Breakthrough Series College

EDITORIAL ROLES

Child Development, Consulting Editor, 2019- current
The New School Psychology Bulletin, Editorial Board Member, 2011-2012

AD HOC MANUSCRIPT AND CONFERENCE REVIEWING

Autism (2015, 2018, 2019, 2020)
Autism Research (2018, 2019)
American Journal of Psychiatry (2020)
Applied Psycholinguistics (2020)
 Biannual Meeting for the Society for Research in Child Development- Developmental Disabilities (2014, 2016, 2018)
Biological Psychiatry- CNI (2017)
Brain (2019)
Brain and Language (2015)
Brain Sciences (2020)
Cerebral Cortex (2019, 2020, 2021)
Child Development (2019, 2020)
Child Development Research (2013)
Clinical Psychological Science (2017)
Development & Psychopathology (2020)
Developmental Science (2018)
Infant Behavior and Development (2019)
International Journal on Disability and Human Development (2017)
JAMA Pediatrics (2019, 2020)
Journal of Affective Disorders (2014)
Journal of the American Academy of Child and Adolescent Psychiatry (2020)
Journal of Autism and Developmental Disorders (2012)
Journal of Early Intervention (2020)
Journal of Neurodevelopmental Disorders (2017, 2018)
Journal of Speech, Language, and Hearing Sciences (2020)
Molecular Autism (2018)
National Science Foundation-Developmental Sciences Program (2018)
Neurobiology of Language (2020)
NeuroImage (2020)
Nordic Psychology (2016)
Psychological Medicine (2017)
Psychological Science (2017)
Research in Developmental Disabilities (2013)

AD HOC GRANT REVIEWING

ConTex Collaborative Research Grants Competition (2019)
National Science Foundation- Developmental Science (2018)
Riksbankens Jubileumsfond (Sweden's leading grant foundation in the social sciences) (2019)

MEDIA COVERAGE (for first-author papers)

- [1.] DFW Child article titled “Language Learners.” <https://dfwchild.com/issues/dfwchild/june-2020-dfwchild/>
- [2.] UT Dallas News Center article titled “Autism study stresses importance of communicating with infants.” <https://www.utdallas.edu/news/research/autism-language-skills-study-2019/>
- [3.] *Spectrum* article titled “Early exposure to speech may shape autistic children’s language ability.” <http://www.spectrumnews.org/news/early-exposure-to-speech-may-shape-autistic-childrens-language-ability/>
- [4.] *Vital Signs* article titled “Fragile X imaging study reveals differences in infant brains.” <http://news.unhealthcare.org/news/2018/april/fragile-x-imaging-study-reveals-differences-in-infant-brains>
- [5.] NIMH Director’s Message on Autism Awareness Month. <https://www.nimh.nih.gov/about/director/messages/2017/autism-awareness-month-genes-and-development-in-autism-spectrum-disorder.shtml>
- [6.] *Spectrum* article titled “Brain, behavior distinguish autism from language delay.” <http://spectrumnews.org/news/brain-behavior-distinguish-autism-language-delay/>