Abigail L. Hogan, PhD

Research Assistant Professor Department of Psychology, University of South Carolina 1512 Pendleton Street, Barnwell College #220 Columbia, SC 29208 hoganbro@mailbox.sc.edu Phone: (615) 587-8493

EDUCATION	
Postdoctoral Fellow, Psychology, University of South Carolina	2016-2018
Neurodevelopmental Disabilities Research Lab (<u>www.USCDevLab.com</u>)	
Mentors: Jane Roberts, PhD; John Richards, PhD	
PhD, Communication Sciences and Disorders, Northwestern University	2016
Neurodevelopmental Disabilities Laboratory (<u>www.ndl.northwestern.edu</u>)	
Dissertation: Autonomic arousal in autism spectrum disorder: A family study	
Mentor: Molly Losh, PhD;	
Committee Members: Molly Losh, PhD; Cynthia Thompson, PhD; Nina Kraus, PhD	
MA, Communication Sciences, Northwestern University	2013
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BS , Psychology, West Virginia University (Magna cum Laude)	2005
BRIEF CHRONOLOGY OF EMPLOYMENT	
Research Assistant Professor, Psychology, University of South Carolina	2018-Present
Postdoctoral Fellow, Psychology, University of South Carolina	2016-2018
Mentors: Dr. Jane Roberts, Dr. John Richards	
Adjunct Instructor, Psychology, University of South Carolina	2016-Present
Graduate Research Assistant, Communication Sciences and Disorders, Northwestern	2010-2016
University	
Research Coordinator, Vanderbilt Kennedy Center, Vanderbilt University	2008-2010
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Clinic Coordinator, Eden Florida Behavioral Services, Naples, FL	2005-2008
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AFFILIATIONS	
Member, International Society for Autism Research (INSAR)	2009-Present
21.20.20.20.20.20.20.20.20.20.20.20.20.20.	2007 11000110
Postdoctoral Affiliate, Institute for Mind and Brain, University of South Carolina	2016-Present
AWARDS AND HONORS	
Awardee, NIMH Pediatrics Loan Repayment Program	2017-2019
Early Career Travel Award, International Meeting for Autism Research (IMFAR)	2017-2017
Theodore Tjossem Postdoctoral Award, Gatlinburg Conference	2017
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	Abigail L. Hogan, PhD CV
Faculty Co-Mentor, First Place Oral Presentation, Discover USC (N. Poupore) Awardee, ASPIRE II-B Postdoctoral Pilot Grant Awardee, Autism Speaks Dennis Weatherstone Predoctoral Fellowship Scholarship, Jackson Laboratory Course on Experimental Mammalian Genetics Scholarship, International Fragile X Conference Student Travel Award, Northwestern University Cognitive Science Certificate Student Travel Award, Northwestern University Graduate School Selected Student Trainee, T32 Training Grant (5T32DC0093) Honorable Mention, NSF Graduate Research Fellowship Program	2016-2017 2013-2015 2012 2012
GRANT AWARDS AND ACTIVITY	
Awarded: Co-Investigator R01 Administrative Supplement (\$320,813) National Institute of Mental Health 2R01MH090194-06 Emergence and Stability of Autism in Fragile X Syndrome	2018-2019
Recipient Pediatrics Loan Repayment Program (\$35,000) National Institute of Mental Health 1L40MH114479-01	2017-2019
Primary Investigator Advanced Support for Innovative Research Excellence (ASPIRE-IIB) (\$5,0 University of South Carolina #13580-16-41856 Social anxiety in younger siblings of children with autism spectrum disorder	2016-2017
Primary Investigator Dennis Weatherstone Predoctoral Fellowship (\$54,372) Autism Speaks #8609 Pragmatic language and social-emotional processing in autism, fragile X syndrethe FMR1 premutation	2013-2015 ome, and
Under Review: Pediatrics Loan Repayment Program Renewal National Institute of Mental Health	
Not Awarded: Co-Investigator (Not awarded) R01 Administrative Supplement (\$316,228 requested) National Institute of Mental Health Emergence, Stability and Predictors of Anxiety in Fragile X Syndrome	2018
Fellow (Not awarded) National Research Service Award (NRSA) F32 (\$184,074 requested) National Institute of Mental Health Anxiety in Preschool-Aged Siblings of Children with Autism	2017

PUBLICATIONS (21)

- **Hogan, A.L.,** Poupore, N., Wall, C., Escorcia, J., & Roberts, J.E. (revised and resubmitted). Blunted physiological reactivity and elevated ASD features during social interactions in 12-month-old "unaffected" siblings of children with ASD.
- **Hogan, A.L.,** Poupore, N., Black, C., & Roberts, J.E. (revised and resubmitted). Biobehavioral social anxiety risk markers are present by 12 months-of-age in "unaffected" siblings of children with autism spectrum disorder.
- **Hogan, A.L.**, Winston, M., Barstein, J., & Losh, M. (revised and resubmitted). Pupillary responses to social-emotional information in individuals with autism spectrum disorder and their parents.
- Poupore, N., **Hogan, A.L.,** & Roberts, J. (under revision). Early behavioral and physiological predictors of autism in 12-month-old siblings of children with autism.
- Tonnsen, B., **Hogan, A.L.,** Caravella, K., Ezell, J.A., & Roberts, J.E. (under revision). Attention bias to threat in fragile X syndrome.
- Wall, C.A., **Hogan, A.L.,** Will, E.A., McQuillin, S., Tonnsen, B., & Roberts, J.E. (under review). Early Sex Differences in Developmental Trajectories of Negative Affect in Young Children with Fragile X Syndrome.
- Nayar, K., McKinney, W., **Hogan, A.L.**, La Valle, C., Sharp, K., Berry-Kravis, E., Norton, E.S., Martin, G.E., Gordon, P.C., & Losh, M. (under review). Gaze and language coordination is linked to genetic variation: A study of rapid automatized naming in women with the *FMR1* premutation.
- Roberts, J., Crawford, H., **Hogan, A.L.**, Fairchild, A., Brewe, A., O'Connor, S.L., & Roberts, D.J. (under revision). Social impairments emerge in infancy and persist into adulthood in fragile X syndrome.
- Winston, M.W., Nayar, K., **Hogan, A.L.,** Barstein, J., La Valle, C., Sharp, K., Berry-Kravis, L., & Losh, M. (under review). Physiological regulation and social-emotional processing in female carriers of the *FMR1* premutation.
- Roberts, J., Crawford, H., Will, E.A., **Hogan, A.L.**, McQuillin, S., Tonnsen, B.L., O'Connor, S., Roberts, D.J., & Brewe, A. (under revision). Infant social avoidance predicts autism but not anxiety in fragile X syndrome
- Hughes, K.R., **Hogan, A.L.,** Roberts, J.E., & Klusek, J. (in press). Gesture development in infants with fragile X syndrome and typically-developing infant siblings of children with autism spectrum disorder.
- Ezell, J., **Hogan, A.L.,** Fairchild, A., Hills, K., Klusek, J., Abbeduto, L., & Roberts, J. (2018). Prevalence and predictors of anxiety disorders in adolescent and adult males with autism spectrum disorder and fragile X syndrome, *Journal of Autism and Developmental Disorders*, 1-11.
- Nayar, K., Gordon, P.C., Martin, G.E., **Hogan, A.L.**, La Valle, C., McKinney, W., Lee, M., Norton, E.S., & Losh, M. (2018). Links between looking and speaking in autism and the broad autism phenotype: Insights into the expression of genetic liability to autism. *Molecular Autism*, *9*(1), 51.
- **Hogan, A.L.,** Caravella, K., Ezell, J., Rague, L, & Roberts, J.E. (2017). Autism spectrum disorder symptoms in infants with fragile X syndrome: A prospective case series. *Journal of Autism and Developmental Disorders*, 47(6), 1628–1644.
- Scherr, J., **Hogan, A.L.**, Hatton, D., & Roberts, J.E. (2017). Stranger Fear and Early Risk for Social Anxiety in Preschoolers with Fragile X Syndrome Contrasted to Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 47(12), 3741-3755.
- Lee, M., Martin, G.E., **Hogan, A.L.,** Hano, D., Gordon, P.C. & Losh, M. (2017). What's the story? A computational analysis of narrative competence in autism. *Autism*, 22(3), 335-344.
- **Hogan-Brown, A.L.,** Hoedemaker, R.S., Gordon, P.C., & Losh, M. (2014). Eye-voice lead during rapid automatized naming: Evidence of reduced automaticity in individuals with autism spectrum disorder and their siblings. *Journal of Neurodevelopmental Disorders*, 6(33), 1-11.
- **Hogan-Brown, A.L.**, Losh, M., Martin, G., & Mueffelmann, D. (2013). An investigation of narrative ability in boys with autism and fragile X syndrome. *American Journal of Intellectual and Developmental Disabilities*, 118(2), 77-94.

- Damiano, C.R., Nahmias, A.S., & **Hogan-Brown, A.L.**, & Stone, W.L. (2013). What do repetitive and stereotyped movements mean for infant siblings of children with autism spectrum disorders? *Journal of Autism and Developmental Disabilities*, 43, 1326-1335.
- Losh, M., Martin, G.E., Klusek, J., **Hogan-Brown, A.L.,** & Sideris, J. (2012). Social communication and theory of mind in boys with autism and fragile X syndrome. *Frontiers in Developmental Psychology*, *3*(266), 1-12.
- Losh, M., Martin, G.E., Klusek, J., & **Hogan-Brown, A.L.** (2012). Pragmatic language in autism and fragile X syndrome: Genetic and clinical applications. *Perspectives on Language Learning and Education*, 19, 48-55.

INVITED TALKS (1)

Hogan, A.L. (2017, October). Early behavioral and physiological markers of social anxiety in siblings of children with autism spectrum disorder. Presentation given to the Yale Child Study Center Autism Distinguished Speaker Series, Yale School of Medicine, New Haven, CT.

COLLOQUIA (5)

- **Hogan, A.L.,** Poupore, N., & Roberts, J.E. (2018, March). *Social anxiety risk factors across the first two years of life in siblings of children with autism spectrum disorder*. Presentation given to the Institute for Mind and Brain Colloquium Series, University of South Carolina, Columbia, SC.
- **Hogan, A.L.,** O'Connor, S.L., Poupore, N., Tonnsen, B., & Roberts, J.E. (2017, February). *Early markers of anxiety in infant siblings of children with autism spectrum disorder*. Presentation given to the Institute for Mind and Brain Colloquium Series, University of South Carolina, Columbia, SC.
- Roberts, J., Caravella, K., & **Hogan, A.L.** (2016, October). *Autism features in infants with fragile X*. Presentation given to the Baby Siblings Research Consortium Annual Meeting, San Diego, CA.
- **Hogan-Brown, A.L.** & Killian, T. (2013, June). From science to intervention: Clinical implications of pragmatic language difficulties in children with autism and their relatives. Presentation given to the Roxelyn & Richard Pepper Department of Communication Sciences & Disorders, Northwestern University, Evanston, IL.
- **Hogan-Brown, A. L.** (2011, January). A study of narrative competence in children with autism and fragile X syndrome: Initial findings and directions for future research. Presentation given to the Midwest Autism Consortium Meeting, University of Illinois, Chicago, IL.

PROFESSIONAL SERVICE

Ad-Hoc Journal Reviewer: Biological Psychiatry; International Journal of Language & Communication Disorders; Journal of Autism and Developmental Disorders; Journal of Neurodevelopmental Disorders; Journal of Speech, Language, and Hearing Research; Psychiatry Research

Ad-Hoc Reviewer, Convention Abstracts, American Psychological Association Division 33; 2018, 2019

Reviewer, The National Clearinghouse on Autism Evidence and Practice (NCAEP)

SPECIALIZED TRAINING

Autism Observation Scale for Infants (AOSI)

2018

Abigan	CV
Research Reliable	
Preschool Age Psychiatric Assessment (PAPA) Research Reliable	2016
CardioEdit/CardioBatch Heart Activity Software Research Reliable, University of North Carolina at Chapel Hill	2016
Pragmatic Language Scale- School Age (PRS-SA) Research Reliable, Kennedy Krieger Institute	2012
Autism Diagnostic Interview – Revised (ADI-R) Research Reliable, University of Michigan Autism & Communication Disorders Center	2011
Autism Diagnostic Observation Schedule (ADOS) Research Reliable, University of Michigan Autism & Communication Disorders Center	2009
TEACHING AND MENTORSHIP	
Adjunct Instructor Communication Sciences and Disorders, University of South Carolina Graduate Courses: COMD 570 Language Development Psychology, University of South Carolina Graduate Courses: PSYC 841 Autism Theory and Diagnosis	2016-Present
Undergraduate Courses: PSYC 420 Survey of Developmental Psychology PSYC 489 Research Practicum PSYC 598 Advanced Research Laboratory Practicum	
Co-Instructor Communication Sciences and Disorders, Northwestern University Graduate/Undergraduate Mixed Course: CSD 392 Language Development and Usage CSD 342 Infant and Toddler Development	2014
Teaching Assistant Communication Sciences and Disorders, Northwestern University Graduate Courses: CSD 541 Seminar in CSD: The Broad Autism Phenotype CSD 470 Language Science Graduate/Undergraduate Mixed Course: CSD 342 Infant and Toddler Development CSD 392 Language Development and Usage	2010-2014

Abigail L. Hogan, PhD

Guest Lectures

Hogan, A.L. (2017, September). "Autism Spectrum Disorder". COMD 710: Special Topics in Speech Pathology: Neurodevelopmental Disorders, USC.

Hogan, A.L. (2016, January). "Autism Spectrum Disorder: Symptoms and Theoretical Frameworks". PSYC 841: Special Topics in Psychology: Autism Theory and Diagnosis, USC.

Hogan, A.L. (2014, October). "Social-Emotional Development in Infancy". CSD 342: Infant and Toddler Development, Northwestern University.

Hogan, A.L. (2013, October). "Language Features of the Broad Autism Phenotype". CSD 392: Language Development and Usage, Northwestern University.

Hogan, A.L. (2010, November). "*Pragmatic Language Development*". CSD 392: Language Development and Usage, Northwestern University.

Student Committee Involvement

Undergraduate Honors Thesis, Rhea Paul

2018-2019

Psychology, University of South Carolina

Auditory Startle in Preschoolers with Fragile X Syndrome

Masters Thesis, Conner Black

2017-2019

Psychology, University of South Carolina

Physiological and Behavioral Markers of Fear in Infants with Fragile X Syndrome

Undergraduate Honors Thesis, Brianna Bustamante

2017-2018

Psychology, University of South Carolina

Parenting Stress in Autism

Undergraduate Honors Thesis, Jenna Smith

2017-2018

Psychology, University of South Carolina

Physiological Indices of Frustration in Infants with Fragile X Syndrome

Masters Thesis, Jordan Ezell

2016-2017

Psychology, University of South Carolina

Prevalence and Predictors of Anxiety Disorders in Adolescent and Adult Males with Autism Spectrum Disorder and Fragile X Syndrome

Undergraduate Honors Thesis, Nicolas Poupore

2016-2017

Psychology, University of South Carolina

Physiological Indicators of Early Autism Risk in Infant Siblings of Children with Autism

Undergraduate Honors Thesis, Kyle Frost

2013-2014

Psychology, Northwestern University

Social Communication and Social Cognition in Siblings of Children with Autism

REFEREED CONFERENCE PRESENTATIONS

- **Hogan, A.L.,** Poupore, N., & Roberts, J. E. (2018, May). A longitudinal analysis of early social anxiety risk factors in siblings of children with autism spectrum disorder. Poster presentation at the 2018 Meeting of the International Society for Autism Research, Rotterdam, Netherlands.
- Roberts, J.E., **Hogan, A.L.,** Crawford, H., Fairchild, A., Tonnsen, B., Brewe, A., O'Connor, S., Pappas, C., & Roberts, D.J. (2018, May). *Social impairments emerge in infancy and persist into childhood in fragile X syndrome*. Poster presentation at the 2018 Meeting of the International Society for Autism Research, Rotterdam, Netherlands.
- Brewe, A., **Hogan, A.L.**, Knott, C., & Roberts, J.E. (2018, May). *Vagal Tone as a Predictor of Separation Anxiety in Preschoolers at Elevated Risk for ASD*. Poster presentation at the 2018 Meeting of International Society for Autism Research, Rotterdam, Netherlands.
- **Hogan, A.L.,** Poupore, N., & Roberts, J. E. (2018, April). *Behavioral and physiological social anxiety risk factors across the first two years of life in siblings of children with autism spectrum disorder.* In **A.L. Hogan (Chair)**, *Risk and Resilience in Infant Siblings of Children with Autism Spectrum Disorder.* Symposium presented at the 2018 Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Diego, CA.

- Roberts, J., **Hogan, A.L.**, Will, E., Tonnsen, B., & Klusek, J. (2018, April). *Heart Rate Variability in Fragile X Syndrome and Its Relationship to Anxiety*. Symposium presented at the 2018 Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Diego, CA.
- Smith, K., **Hogan, A.L.,** Will, E., & Roberts, J.E. (2018, April) *Social and Object Attention as Markers of Anxiety in Toddlers with Neurodevelopmental Disorders*. Poster presentation at the 2018 Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Diego, CA.
- **Hogan, A.L.,** Black, C., & Roberts, J.E., (2017, October). Early markers of social anxiety in unaffected siblings of children with autism. Poster presentation at the Annual Meeting of the South Carolina Autism and Neurodevelopmental Disorders (SCAND) Consortium.
- **Hogan, A.L.,** O'Connor, S., Poupore, N., Tonnsen, B., & Roberts, J.E. (2017, May). *Early physiological and behavioral markers of anxiety in infant siblings of children with autism spectrum disorder*. Poster presentation at the International Meeting for Autism Research, San Francisco, CA.
- **Hogan, A.L.,** O'Connor, S., Poupore, N., Tonnsen, B., & Roberts, J.E. (2017, March). *Early risk markers of anxiety in infant siblings of children with autism spectrum disorder*. Symposium presented at the Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Antonio, TX.
- Poupore, N., **Hogan, A.L.,** & Roberts, J.E. (2017, April). *Early Behavioral and Physiological Predictors of Autism in 12-month-old Siblings of Children with Autism*. Oral presentation at the 2018 Discover USC Research Day, Columbia, SC.
- Tonnsen, B.L., **Hogan, A.L.,** Ezell, J.A., Caravella, K.E, & Roberts, J.E. (2017, March). *Characterizing anxiety through eye tracking: Attentional bias toward threat in fragile X syndrome*. Symposium presented at the Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Antonio, TX.
- Nayar, K., **Hogan. A.L.**, La Valle, C., McKinney, W., Gordon, P.C., Martin, G. E., Norton, E. S., & Losh, M. (2016, July). *Rapid automatized naming in premutation carriers and parents of individuals with autism spectrum disorder*. Oral presentation at the 15th International Fragile X Conference, San Antonio, TX.
- Lee, M., Bush, L., Heckel, N.M., Taylor, A., **Hogan, A.L.,** Martin, G. & Losh, M. (2016, May). *Profiles of pragmatic language in individuals with ASD and their parents*. Poster presented at the 2016 International Meeting for Autism Research, Baltimore, MD.
- **Hogan, A.L.,** Scherr, J., & Roberts, J.E. (2016, May). *Emergence of social fear in young children with ASD and siblings of children with ASD*. Poster presented at the 2016 International Meeting for Autism Research, Baltimore, MD.
- Roberts, J.E., Scherr, J., **Hogan, A.L.,** Reisinger, D., & O'Connor, S. (2016, May). *Early behavioral fear in infants and preschoolers at high risk for autism: Fragile X syndrome versus autism.* Poster presented at the 2016 International Meeting for Autism Research, Baltimore, MD.
- Lee, M., Heckel, N.M., Nayar. K., **Hogan, A.L.,** Gordon, P.C., Martin, G.E., & Losh, M. (2016, March). *Looking and language in autism spectrum disorder: A comprehensive investigation*. Oral presentation at the Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Diego, California.
- **Hogan-Brown, A.L.,** Barstein, J., Shah, S., & Losh, M. (2014, July). *Pupil dilation as an index of autonomic arousal in women with the FMR1 premutation*. Oral presentation at the International Fragile X Conference, Orange County, CA.
- **Hogan-Brown, A.L.,** Barstein, J., Shah, S., & Losh, M. (2014, May). *Pupillary responses to emotional faces in individuals with autism spectrum disorder and their unaffected siblings.* Poster presented at the International Meeting for Autism Research (IMFAR), Atlanta, GA.
- **Hogan-Brown, A.L.,** Losh, M., & Gordon, P. (2014, February). *Rapid automatized naming in individuals with autism and their siblings.* Oral presentation at the 2014 Illinois Speech-Language Hearing Association (ISHA) Annual Convention, Rosemont, IL.

- Losh, M., **Hogan-Brown, A.,** Maltman, N., & Lee, M. (2013, June). *Shared endophenotypes in FMR1 premutation carriers and relatives of individuals with autism.* Paper presented at the 1st International Conference on the *FMR1* Premutation: Basic Mechanisms and Clinical Involvement, Perugia, Italy.
- **Hogan-Brown, A.L.** & Losh, M. (2013, May). *Pragmatic language characteristics of adolescents with autism and their siblings*. Poster presented at the International Meeting for Autism Research (IMFAR), Donostia-San Sebastian, Spain.
- **Hogan-Brown, A.L.,** Thomas, B., Lynn, K., Kravis, B., Wassink, T., Martin, G., & Losh, M. (2012, July). *Visual processing of complex social scenes in women with the FMR1 premutation*. Oral presentation at the International Fragile X Conference, Miami, FL.
- **Hogan-Brown, A.L.,** Thomas, B., Lynn, K., Kravis, B., Wassink, T., Martin, G., & Losh, M. (2012, July). *Visual processing of complex social scenes in women with the FMR1 premutation*. Poster presented at the Jackson Laboratory Short Course on Medical and Experimental Mammalian Genetics, Bar Harbor, ME.
- **Hogan-Brown, A.L.,** Friend, N., Ayres, L., & Losh, M. (2012, May). *Narrative ability in autism and the broad autism phenotype*. Poster presented at the International Meeting for Autism Research (IMFAR), Toronto, Ontario.
- **Hogan-Brown, A.L.,** Lynn, K.M., Kravis, B.D., Thomas, B.T., & Losh, M. (2012, May). *An eye-tracking study of rapid automatized naming in adult siblings of individuals with ASD*. Poster presented at the International Meeting for Autism Research (IMFAR), Toronto, Ontario.
- **Hogan-Brown, A.L.,** Mueffelmann, D., Martin, G., & Losh, M. (2011, May). *Narrative abilities in in boys with austim and fragile X syndrome*. Poster presented at the International Meeting for Autism Research (IMFAR), San Diego, CA.
- Damiano, C.R., Nahmias, A.S., & **Hogan-Brown, A.L.** (2011, April). Repetitive and stereotyped movements with body and objects in infant siblings of children with autism spectrum disorders. Poster presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Montreal, Quebec.
- **Hogan-Brown, A.L.**, Levine, G., Nahmias, A.S., Yoder, P., Carter, A., Messinger, D., & Stone, W. (2010, May). *The relation between socioeconomic factors and parental well-being in parents raising toddlers with early autism symptomatology.* Poster presented at the International Meeting for Autism Research (IMFAR), Philadelphia, PA.
- **Hogan-Brown, A.L.,** Nahmias, A.S., Messinger, D., Carter, A., Stone, W., & Yoder, P. (2010, May). *Validation of a measure of early object knowledge in toddlers with early autism symptomatology.* Poster presented at the International Meeting for Autism Research (IMFAR), Philadelphia, PA.
- Nahmias, A.S., **Hogan-Brown, A.L**, Yoder, P., Carter, A., Messinger, D., & Stone, W. (2010, May). *Parental well-being is associated with child behavior among toddlers with early autism symptomatology*. Presented at the International Meeting for Autism Research (IMFAR), Philadelphia, PA.
- Nahmias, A.S., **Hogan-Brown, A.L.**, Stone, W.L., Yoder, P.J., Messinger, D., & Wetherby, A.M. (2009, April). *Repetitive and stereotyped movements in young children with and without later autism symptomatology*. Poster presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Denver, CO.