
Abigail L. Hogan, PhD

Assistant Professor
Department of Communication Sciences and Disorders
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EDUCATION

- Postdoctoral Fellowship**, Psychology, University of South Carolina 2016-2018
Neurodevelopmental Disabilities Research Lab (www.USCDevLab.com)
Mentors: Jane Roberts, PhD; John Richards, PhD
- PhD**, Communication Sciences and Disorders, Northwestern University 2016
Neurodevelopmental Disabilities Laboratory (www.ndl.northwestern.edu)
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
- BS**, Psychology, West Virginia University (Magna cum Laude) 2005

ACADEMIC APPOINTMENTS

- Assistant Professor**, Communication Sciences and Disorders, University of South Carolina 2021-present
Carolina
- Research Assistant Professor**, Psychology, University of South Carolina 2018-2021
- Associate Director**, Neurodevelopmental Disorders Lab, University of South Carolina 2018-2021
- Postdoctoral Fellow**, Psychology, University of South Carolina 2016-2018
- Instructor**, University of South Carolina 2016-2021
- Graduate Research Assistant**, Communication Sciences and Disorders, Northwestern University 2010-2016

AFFILIATIONS

- Member**, International Society for Autism Research (INSAR) 2009-Present
- Faculty Affiliate**, Institute for Mind and Brain, University of South Carolina 2018-Present
- Faculty Affiliate**, Carolina Autism and Neurodevelopment (CAN) Research Center 2021-Present

PEER-REVIEWED PUBLICATIONS (27)

(Student; *Advisee/mentee; **Corresponding author)

1. **Hogan, A.L.**, Winston, M., Barstein, J., & Losh, M. (in press). Slower peak pupillary response to emotional faces in parents of autistic individuals. *Frontiers in Psychology*.
2. **Hunt, E.***, **Hogan, A.L.**, Will, E., & Roberts, J. (2022). Trajectories and psychiatric consequences of inhibitory control in young males with fragile X syndrome. *Child Neuropsychology*.
<https://doi.org/10.1080/09297049.2022.2120605>
3. **Ezell, J.***, **Hogan, A.L.**, Will, E.A., Smith, K., & Roberts, J. (2022). Cardiac startle response and clinical outcomes in preschool children with fragile X syndrome and autism spectrum disorder. *Frontiers in Psychiatry*, 12, 729127. <https://doi.org/10.3389/fpsy.2021.729127>
4. Guy, M., Richards, J.E., **Hogan, A.L.**, & Roberts, J. (2021). Neural correlates of infant face processing and later emerging autism symptoms in fragile X syndrome. *Frontiers in Psychiatry*, 12, 716642. <https://doi.org/10.3389/fpsy.2021.716642>
5. **Hogan, A.****, Hunt, E., Smith, K., Black, C., Bangert, K., Klusek, J., & Roberts, J. (2021). Trajectories of heart activity across infancy to early childhood differentially predict autism and anxiety symptoms in fragile X syndrome. *Frontiers in Psychiatry*, 12, 727559. <https://doi.org/10.3389/fpsy.2021.727559>
6. Guy, M., Black, C., **Hogan, A.L.**, Roberts, J.E., & Richards, J.E. (2021). A single-session behavioral protocol for successful ERP recording in children with neurodevelopmental disorders. *Developmental Psychobiology*, 63(7), e22194. <https://doi.org/10.1002/dev.22194>
7. **Black, C.J.***, **Hogan, A.L.**, Smith, K., & Roberts, J. (2021). Early physiological and behavioral markers of social anxiety in infants with fragile X syndrome. *Journal of Neurodevelopmental Disorders*, 13(11). <https://doi.org/10.1186/s11689-021-09356-3>
8. Smith, K.*, **Hogan, A.L.**, Will, E.A., & Roberts, J. (2021). Attention bias and prodromal anxiety symptoms in toddlers with fragile X syndrome and Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, 126(2), 167-181. <https://doi.org/10.1352/1944-7558-126.2.167>
9. **Poupore, N.***, Smith, K., **Hogan, A.L.**, & Roberts, J. (2020). Early behavioral and physiological predictors of autism in 12-month-old siblings of children with autism. *Caravel*, 8.
10. Roberts, J., Bradshaw, J., Will, E.A., **Hogan, A.L.**, McQuillin, S., & Hills, K. (2020). Prevalence and predictors of autism in fragile x syndrome. *Development and Psychopathology*, 32(4), 1335-1352. <https://doi.org/10.1017/s0954579420000942>
11. Kelleher, B., **Hogan, A.L.**, Caravella, K., Ezell, J.A., & Roberts, J.E. (2020). Anxiety and threat-related attentional biases in adolescents with fragile X syndrome. *Journal for Intellectual Disability Research*, 64(4), 296-302. <https://doi.org/10.1111/jir.12715>
12. **Winston, M.W.**, Nayar, K., **Hogan, A.L.**, Barstein, J., La Valle, C., Sharp, K., Berry-Kravis, L., & Losh, M. (2020). Physiological regulation and social-emotional processing in female carriers of the *FMR1* premutation. *Physiology & Behavior*, 214(112746), 1-11. <https://doi.org/10.1016/j.physbeh.2019.112746>
13. **Wall, C.A.***, **Hogan, A.L.**, Will, E.A., McQuillin, S., Tonnsen, B., & Roberts, J.E. (2019). Early negative affect in males and females with fragile X syndrome: Implications for anxiety and autism. *Journal of Neurodevelopmental Disorders*, 11(22), 1-11. <https://doi.org/10.1186/s11689-019-9284-y>
14. **Nayar, K.**, McKinney, W., **Hogan, A.L.**, Martin, G., La Valle, C., Sharp, K., Berry-Kravis, E., Norton, E.S., Gordon, P.C., & Losh, M. (2019). Language processing skills linked to *FMR1* variation: A study of gaze-language coordination during rapid automatized naming among women with the *FMR1* premutation. *PLoS One*, 14(7), e0219924. <https://doi.org/10.1371/journal.pone.0219924>
15. **Hughes, K.R.**, **Hogan, A.L.**, Roberts, J.E., & Klusek, J. (2019). Gesture development in infants with fragile X syndrome and typically-developing infant siblings of children with autism spectrum disorder. *Journal of Speech, Language, and Hearing Research*, 62(7), 2386-2399. https://doi.org/10.1044/2019_JSLHR-L-17-0491
16. Roberts, J., Crawford, H., **Hogan, A.L.**, Fairchild, A., Brewe, A., O'Connor, S.L., & Roberts, D.J. (2019). Social impairments emerge in infancy and persist into adulthood in fragile X syndrome.

- Journal of Autism and Developmental Disorders*, 49(3), 3753-3766. <https://doi.org/10.1007/s10803-019-04051-8>
17. Roberts, J., Crawford, H., Will, E.A., **Hogan, A.L.**, McQuillin, S., Tonnsen, B.L., O'Connor, S., Roberts, D.J., & Brewaele, A. (2019). Infant social avoidance predicts autism but not anxiety in fragile X syndrome. *Frontiers in Psychiatry*, 10, 199. <https://doi.org/10.3389/fpsy.2019.00199>
 18. Ezell, J.*, **Hogan, A.L.**, Fairchild, A., Hills, K., Klusek, J., Abbeduto, L., & Roberts, J. (2019). 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*, 49(3), 1131-1141. <https://doi.org/10.1007/s10803-018-3804-6>
 19. 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. <https://doi.org/10.1186/s13229-018-0233-5>
 20. **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. <https://doi.org/10.1007/s10803-017-3081-9>
 21. 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. <https://doi.org/10.1007/s10803-017-3059-7>
 22. 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. <https://doi.org/10.1177/1063426916677957>
 23. **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. <https://doi.org/10.1186/1866-1955-6-33>
 24. **Hogan-Brown, A.L.**, Losh, M., Martin, G., & Mueffelman, 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. <https://doi.org/10.1352/1944-7558-118.2.77>
 25. 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. <https://doi.org/10.1007/s10803-012-1681-y>
 26. 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. <https://doi.org/10.3389/fpsyg.2012.00266>
 27. 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. <https://doi.org/10.1044/lle19.2.48>

MANUSCRIPTS UNDER REVIEW, UNDER REVISION, AND IN PREP (6)

(Student; *Advisee/mentee; **Corresponding author)

1. Klein, J., Kerns, C., Hills, K., **Hogan, A.**, Matherly, S., & Roberts, J. (under review). Prevalence and Predictors of DSM-Specific and Distinct Anxiety in Cognitively Impaired Preschool Children with Autism Spectrum Disorder.
2. **Hogan, A.L.****, Smith, K., Mian, N., Black, C., Hunt, E., Knott, C., Moser, C., Smith, J., Caravella, K., Hills, K., Fairchild, A., Carter, A.S., & Roberts, J. (under review). Utility of the Modified Anxiety Dimensional Observation Scale (M-Anx-DOS) in Autistic Preschoolers
3. Richards, J.E., Guy, M.W., **Hogan, A.L.**, & Roberts, J.E. (under review). Event-related potential distinctions associated with face processing in preschoolers with fragile X syndrome and autism spectrum disorder with cognitive impairment.

4. **Hogan, A.L.****, Poupore, N., Smith, K., Black, C., & Roberts, J.E. (under revision; manuscript available upon request). Behavioral inhibition and its relation to later anxiety symptoms in infant siblings of children with autism spectrum disorder.
5. Roberts, J., **Hogan, A.L.**, Caravella, K., Matherly, S., Smith, J., Hills, K., & Carter, A.S. (in prep). Rates of anxiety diagnoses in preschool-aged children with autism and comorbid intellectual disability.
6. Caputo, M.*, Smith, K.*, Roberts, J., & **Hogan, A.L.**** (in prep). Eye gaze and heart rate deceleration as indices of attention in autism: Relations to anxiety and ASD symptomology.

BOOK CHAPTERS (2)

1. **Hogan, A.L.****, Hills, K.J., Wall, C.A., Will, E.A., & Roberts, J. (2020). Screening and diagnosis of autism spectrum disorder in preschool-aged children. In Bracken, B., & Nagle, R. (Eds.), *Psychoeducational Assessment of Preschool Children*, 5th ed. New York, NY: Routledge.
2. **Hogan, A.L.****, Crawford, H., & Roberts, J.E. (in press). Course of social avoidance in fragile X syndrome. In Volkmar, F. (Ed.), *Encyclopedia of Autism Spectrum Disorder*.

GRANT AWARDS AND ACTIVITY

Ongoing:

Co-Investigator 2022-2027
R01
National Institute of Mental Health
Autonomic and Sensory Dysfunction in FMR1 Conditions: Development, Mechanisms, and Consequences
PI: Roberts

Under Review:

Under Revision:

Completed:

Co-Investigator 2021-2022
Pilot grant
University of South Carolina Provost Excellence Initiative Award to Support Autism and Neurodevelopmental Disorders Research (USCAND)
The Impact of Stress and Stress Reduction Strategies on Parent Fidelity and Child Outcomes
PI: Wolfe

Co-Investigator 2018-2021
R01 Administrative Supplement
National Institute of Mental Health: R01MH90194
Emergence and Stability of Autism in Fragile X Syndrome (PI: J. Roberts)

Recipient 2017-2020
Pediatrics Loan Repayment Program
National Institute of Mental Health: 2L40MH114479

Primary Investigator 2016-2017
Advanced Support for Innovative Research Excellence (ASPIRE-IIB)
University of South Carolina #13580-16-41856
Social anxiety in younger siblings of children with autism spectrum disorder

Primary Investigator 2013-2015
Dennis Weatherstone Predoctoral Fellowship
Autism Speaks #8609
Pragmatic language and social-emotional processing in autism, fragile X syndrome, and the FMR1 premutation

Not Awarded:

Co-Investigator 2022
Personnel Development to Improve Services and Results for Children with Disabilities
Office of Special Education Programs
Training responsive researchers and improving language & literacy
PIs: Adlof (Lead) and Fitton (co-PI)

Co-PI 2022
Explorer Grant
Simons Foundation Autism Research Initiative - Human Cognitive and Behavioral Science
Objective neurobiological markers of attention bias in ASD
PIs: Hudac (Contact) and Hogan

Co-PI 2022
Pilot grant
University of South Carolina Provost Excellence Initiative Award to Support Autism and Neurodevelopmental Disorders Research (USCAND)
Behavioral and physiological markers that distinguish irritability from fear in preschoolers with autism spectrum disorder (ASD)

Co-Investigator 2021
P50 Autism Center of Excellence
National Institute of Child Health and Human Development
Autonomic Function in Autism Spectrum Disorders: Development, Mechanisms, and Consequences (PIs: J. Roberts, J. Twiss)
Primary Investigator (multi-PI): *Data and Statistical Analysis Core*
Co-Investigator: *Project 1 - Onset, Development, and Consequences of Autonomic and Sensory Dysfunction in Autism Spectrum Disorder*

Co-Investigator 2021
Pilot grant
University of South Carolina Provost Excellence Initiative Award to Support Autism and Neurodevelopmental Disorders Research (USCAND)
Neural sources of hyperreactivity in Fragile X Syndrome infants

Co-Investigator 2021
Pilot grant

University of South Carolina Provost Excellence Initiative Award to Support
Autism and Neurodevelopmental Disorders Research (USCAND)
Cholinergic dysfunction across development in Autism Spectrum Disorders

Primary Investigator 2020

K01 Mentored Research Scientist Development Award

National Institute of Mental Health: K01MH125170

*Anxiety Risk and Resilience in Children with Autism Spectrum Disorder and their
Families*

Reviewed July 2020 – Impact Score: 35

Co-Investigator 2020

R21

National Institute of Mental Health: 1R21MH126371

*Diversifying developmental samples in autism research through use of portable
EEG (PI: M. Guy)*

Primary Investigator 2020

Duke Endowment Fund

Carolina Autism Parent Support Project

Co-Investigator 2020

R01 Renewal Application

National Institute of Mental Health: R01MH90194

Emergence and Stability of Autism in Fragile X Syndrome (PI: J. Roberts)

Co-Investigator 2020

P50 Fragile X Center Grant

National Institute of Child Health and Human Development

*Autonomic and Sensory Dysfunction in FMR1 Conditions: Development,
Mechanisms and Consequences (PIs: J. Roberts, J. Twiss)*

Co-Investigator: Administrative Core

Primary Investigator (multi-PI): Project 1

*Onset, Trajectory and Consequences of Autonomic and Sensory Dysfunction
in Infants with Fragile X Syndrome and the FMR1 Premutation*

Co-Investigator 2019

Summer Undergraduate Psychology Research Experience Grant

American Psychological Association (PI: K. Becker)

Co-Investigator 2018

R01 Administrative Supplement

National Institute of Mental Health

*Emergence, Stability and Predictors of Anxiety in Fragile X Syndrome (PI: J.
Roberts)*

Fellow 2017

National Research Service Award (NRSA) F32

National Institute of Mental Health

Anxiety in Preschool-Aged Siblings of Children with Autism

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.

AWARDS AND HONORS

Awardee , NIMH Pediatrics Loan Repayment Program	2017-2020
Early Career Travel Award , International Meeting for Autism Research (IMFAR)	2017
Theodore Tjossem Postdoctoral Award , Gatlinburg Conference	2017
Faculty Co-Mentor , First Place Oral Presentation, Discover USC (N. Poupore)	2017
Awardee , ASPIRE II-B Postdoctoral Pilot Grant	2016-2017
Awardee , Autism Speaks Dennis Weatherstone Predoctoral Fellowship	2013-2015
Scholarship , Jackson Laboratory Course on Experimental Mammalian Genetics	2012
Scholarship , International Fragile X Conference	2012
Student Travel Award , Northwestern University Cognitive Science Certificate Program	2012
Student Travel Award , Northwestern University Graduate School	2012
Selected Student Trainee , T32 Training Grant (5T32DC0093)	2011-2013
Honorable Mention , NSF Graduate Research Fellowship Program	2011

PROFESSIONAL SERVICE

Ad-Hoc Journal Reviewer: *American Journal of Intellectual and Developmental Disabilities; Biological Psychiatry; Biological Psychology; International Journal of Language & Communication Disorders; Journal of Autism and Developmental Disorders; Journal of Applied Research in Intellectual Disabilities; Journal of Neurodevelopmental Disorders; Journal of Speech, Language, and Hearing Research; Psychiatry Research*

Ad-Hoc Reviewer: American Psychological Association Division 33 (2018, 2019) Convention Abstracts; Annual Meeting of the International Society for Autism Research Conference Abstracts (2020)

Committees: COMD Diversity, Equity, and Inclusion Committee (2021-present); COMD PhD Committee (2021-present); COMD Student Wellness Committee (2021-present); COMD Admissions Committee (2021-present); Psychology Department Diversity and Inclusion Committee (2019 – 2021)

MENTORING, ADVISING, & RESEARCH SUPERVISION

Doctoral Students:

Ellie Cooper, Dissertation Committee Member <i>Title TBD</i>	2021-present
Conner Black, Dissertation Co-Chair: <i>The emergence and predictive utility of early markers of social anxiety in young children with fragile X syndrome</i>	2021-2022
Tiffany Worley, Masters Thesis Committee Member <i>Associations between child characteristics and maternal mental health in families of children with autism, fragile x syndrome, and autism associated with fragile x syndrome</i>	2021-2022
Conner Black, Masters Thesis Committee Member <i>Physiological and Behavioral Markers of Fear in Infants with Fragile X Syndrome</i>	2017-2020
Jordan Ezell, Masters Thesis Committee Member <i>Prevalence and Predictors of Anxiety Disorders in Adolescent and Adult Males with Autism Spectrum Disorder and Fragile X Syndrome</i>	2016-2017

Masters Students:

Meghan Smith, Masters Thesis Committee Member <i>Past tense marking in oral reading of children with hearing loss</i>	2021-2022
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Undergraduate Students:

Alekya Mitta, Honors Thesis Chair <i>Predictors of comorbid anxiety in children with fragile x syndrome</i>	2020-2021
Matthew Caputo, Honors Thesis Chair <i>Eye gaze and heart rate deceleration as indices of attention in autism: Relations to anxiety and ASD symptomology</i>	2020-2021
Kaylee Cox, Honors Thesis Chair <i>The Relationship Between Social Functioning and Anxiety Symptoms in Preschoolers with Autism</i>	2019-2020
Matthew Caputo, Honors Research Grant Faculty Mentor <i>Investigating Underlying Mechanisms of Social Anxiety in Fragile X Syndrome</i>	2019-2020
Rhea Paul, Honors Thesis Co-Mentor <i>Auditory Startle in Preschoolers with Fragile X Syndrome</i>	2018-2019
Brianna Bustamante, Honors Thesis Co-Mentor <i>Parenting Stress in Autism</i>	2017-2018
Jenna Smith, Honors Thesis Co-Mentor <i>Physiological Indices of Frustration in Infants with Fragile X Syndrome</i>	2017-2018
Nicolas Poupore, Honors Thesis Co-Mentor <i>Physiological Indicators of Early Autism Risk in Infant Siblings of Children with Autism</i>	2016-2017
Kyle Frost, Honors Thesis Co-Mentor <i>Social Communication and Social Cognition in Siblings of Children with Autism</i>	2013-2014

TEACHING

Instructor 2016-Present

Communication Sciences and Disorders, University of South Carolina

Graduate Courses:

COMD 570 Language Development (Summer 2018)
COMD 738 Selected Topics in Speech Language Pathology: Autism (Fall 2020)
COMD790 Introduction to Research in Speech Pathology and Audiology (Fall 2021, 2022)

Psychology, University of South Carolina

Graduate Courses:

PSYC 841 Autism Theory and Diagnosis

Undergraduate Courses:

PSYC 420 Survey of Developmental Psychology
PSYC 489 Research Practicum
PSYC 589 Autism Spectrum Disorder: Theoretical Perspectives and Research Approaches
PSYC 598 Advanced Research Laboratory Practicum

Co-Instructor 2014

Communication Sciences and Disorders, Northwestern University

Graduate/Undergraduate Mixed Course:

CSD 392 Language Development and Usage
CSD 342 Infant and Toddler Development

Teaching Assistant 2010-2014

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

RELATED PROFESSIONAL EXPERIENCE

Research Study Coordinator, Vanderbilt University, Nashville, TN 2008-2010

Early Intervention Coordinator, Eden Florida Behavioral Services, Naples, FL 2005-2008

SPECIALIZED TRAINING

Autism Observation Scale for Infants (AOSI) 2019
Research Reliable

Preschool Age Psychiatric Assessment (PAPA) 2016
Research Reliable

Pragmatic Language Scale – School Age (PRS-SA) 2012
Research Reliable, Kennedy Krieger Institute

Autism Diagnostic Interview – Revised (ADI-R)	2011
Research Reliable, University of Michigan Autism & Communication Disorders Center	
Autism Diagnostic Observation Schedule (ADOS)	2009
Research Reliable, University of Michigan Autism & Communication Disorders Center	

SELECTION OF REFEREED CONFERENCE PRESENTATIONS

1. **Hogan, A.L.**, Smith, K., Mian, N.D., Black, C., Moser, C., Smith, J., Caravella, K., Hills, K., Fairchild, A., Carter, A., & Roberts, J. (2021, May). *Utility of the Modified Anxiety Dimensional Observation Scale (M-Anx-DOS) in preschoolers with autism spectrum disorder*. Poster presentation at the 2021 Meeting of the International Society for Autism Research (Virtual).
2. **Hogan, A.L.**, Hunt, E., Smith, K., Black, C., Bangart, K., Klusek, J., and Robers, J. (2021, May). *Autonomic nervous system function early in development predicts later ASD and anxiety symptoms in both fragile X syndrome and typical development*. Poster presentation at the 2021 Meeting of the International Society for Autism Research (Virtual).
3. Hunt, E., **Hogan, A.L.**, Tillman, E., & Roberts, J.E. (2021, May). *Child and Maternal Predictors of Dysfunctional Parent-Child Interactions in Families of Boys with Fragile X Syndrome*. Poster presentation at the 2021 Meeting of the International Society for Autism Research (Virtual).
4. Black, C.J., Guy, M., **Hogan, A.L.**, Coyle, R.E., Richards, J.E., & Roberts, J.E. (2021, May). *Obtaining valid ERP data: Implementing a single session behavioral protocol for valid EEG data collection*. Poster presentation at the 2021 Meeting of the International Society for Autism Research (Virtual).
5. Smith, K., **Hogan, A.L.**, Will, E., & Roberts, J. (2021, April). *Associations between Social Attention Bias, Anxiety, and Autism Symptomology Across Neurodevelopmental Disorders*. Poster presentation at the 2021 Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders (Virtual).
6. **Hogan, A.L.**, Black, C., & Roberts, J. (Not presented due to COVID-19). *Rates and Stability of ADHD and Anxiety Diagnoses in Preschoolers with Autism Spectrum Disorder and Comorbid Intellectual Disability*. In C. Kerns (Chair), *Longitudinal Examinations of Mental Health Comorbidity in Young Children with ASD*. Symposium presentation accepted to the 2020 Meeting of the International Society for Autism Research, Seattle, WA.
7. **Hogan, A.L.**, Hunt, E., Black, C., & Roberts, J. (Not presented due to COVID-19). *Developmental maturation in respiratory sinus arrhythmia predicts later autism symptoms, but not anxiety symptoms, in infants with fragile X syndrome*. Poster presentation submitted accepted to the 2020 International Congress of Infant Studies, Glasgow, Scotland.
8. **Hogan, A.L.**, Smith, K., Black, C., & Roberts, J. (Not presented due to COVID-19). *Temperamental fear in infant siblings of children with autism*. Poster presentation accepted to the 2020 International Congress of Infant Studies, Glasgow, Scotland.
9. **Hogan, A.L.**, Black, C.J., Escorcía, J., Guy, M., McPartland, J., Richards, J., & Roberts, J. E. (2019, May). *ERP Responses to Social Stimuli and ASD Symptoms in “Unaffected” Siblings of Children with Autism Spectrum Disorder*. Poster presentation at the 2019 Meeting of the International Society for Autism Research, Montreal, Quebec, Canada.
10. **Hogan, A.L.**, Black, C.J., Escorcía, J., Guy, M., Richards, J., & Roberts, J. E. (2019, April). *Associations between ERP Responses to Social Stimuli and ASD Symptoms in “Unaffected” Siblings of Children with Autism Spectrum Disorder*. In **A.L. Hogan (Chair)**, *Neurophysiological Indicators of ASD-Related Behavioral Phenotypes*. Symposium presented at the 2019 Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Antonio, TX.
11. **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.

12. Roberts, J.E., **Hogan, A.L.**, Crawford, H., Fairchild, A., Tonnsen, B., Brewes, 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.
13. Brewes, 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.
14. **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.
15. 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.
16. 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.
17. **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. Chair
18. **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.
19. **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.
20. 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.
21. 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.
22. 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.
23. 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.
24. **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.
25. 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.
26. 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.
27. **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.
 28. **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.
 29. **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.
 30. 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.
 31. **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.
 32. **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.
 33. **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.
 34. **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.
 35. **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.
 36. **Hogan-Brown, A.L.**, Mueffelman, D., Martin, G., & Losh, M. (2011, May). *Narrative abilities in boys with autism and fragile X syndrome*. Poster presented at the International Meeting for Autism Research (IMFAR), San Diego, CA.
 37. **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.
 38. **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.
 39. 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.
 40. 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.