

JESSICA KLUSEK, PhD CCC-SLP

Communication Science and Disorders, University of South Carolina
1705 College Street, Close-Hipp Building, Columbia, SC 29208
klusek@sc.edu; (803) 777-5049
Lab Website: <http://scfamilystudy.com/>

EDUCATION

- 2013-2016 *NIH NRSA Postdoctoral Research Fellow, Psychology, University of South Carolina*
Neurodevelopmental Disabilities Lab (Mentor: Jane Roberts)
- 2008-2012 *Ph.D., Speech and Hearing Sciences, University of North Carolina at Chapel Hill*
Dissertation: *Pragmatic language in autism and fragile X syndrome: Physiological arousal and anxiety* (Advisor: Molly Losh)
- 2006-2008 *M.S., Speech-Language Pathology, University of Pittsburgh*
Master's Thesis: *Comparison of speech and learned non-speech intraoral pressure waveform characteristics* (Advisor: Susan Shaiman)
- 2003-2006 *B.A., Communication Science & Disorders, University of Pittsburgh (Summa Cum Laude)*

PROFESSIONAL EXPERIENCE

University of South Carolina

- 2021-present *Associate Professor with Tenure, Communication Sciences and Disorders*
- 2016-2021 *Assistant Professor, Communication Sciences and Disorders*
- 2013-2016 *NIH NRSA (F32) Postdoctoral Fellow, Psychology (Mentor: Jane Roberts)*

University of North Carolina at Chapel Hill

- 2010-2012 *Assessor, Department of Allied Health Sciences, Joint Attention and Symbolic Play & Advancing Social-Communication and Play Project (PI's: Linda Watson & Brian Boyd)*
- 2008-2012 *Research Assistant, FPG Child Development Institute, Communication and Neurodevelopmental Disabilities Project (PI's: Molly Losh & Gary Martin)*
- 2008 *Research Assistant, FPG Child Development Institute, Carolina Communication Project (PI: Joanne Roberts)*

Clinical Experience

- 2009-2010 *Speech-Language Pathologist Clinical Fellow, FPG Child Development Institute, Chapel Hill, NC*
- 2008 *Speech-Language Pathologist Clinical Fellow, Crossroads Speech and Hearing Inc, McMurray, PA*

University of Pittsburgh

- 2006-2008 *Student Research Assistant, Communication Science and Disorders, Shaiman Lab (PI: Susan Shaiman)*

LICENSURE & CERTIFICATION

- 2010-present Certificate of Clinical Competence (CCC's) in Speech-Language Pathology, ASHA, #12107498
- 2012-present Speech-Language Pathology licensure, South Carolina, #5157
- 2010-2013 Speech-Language Pathology licensure, North Carolina, #9098

AWARDS, FELLOWSHIPS, & HONORS

- 2026 *National Fragile X Foundation (NFXF) Research Award, NFXF*
- 2023 *Breakthrough Star Award, Office of the VP for Research, USC*

2014-2017 *NIH Loan Repayment Program Awardee, NIDCD (3 consecutive cycles)*
 2014-2016 *NIH Ruth Kirschstein F32 National Research Service Award (NRSA) Fellowship, NIDCD*
 2015 *Lessons for Success Conference: Selected Attendee, ASHA*
 2013 *Interdisciplinary Training Conference in Developmental Disabilities: Selected Attendee, NICHD*
 2013 *First Annual Pathways Research-Mentoring Network Program: Selected Mentee, ASHA*
 2012 *Research-Mentoring Pair Travel Award, ASHA*
 2011 *James J. Gallagher Dissertation Award, FPG Child Development Institute*
 2010 *Student Research Travel Award, ASHA*
 2009 *William & Enid Rosen Summer Student Fellowship, National Fragile X Foundation*
 2008 *35th Carnegie Symposium on Cognition Travel Fellowship, Carnegie Mellon University*
 2008-2012 *DOE Interdisciplinary Leadership Grant Trainee, (H325D070011; Project Director: Betsy Crais)*

RESEARCH SUPPORT

CURRENT RESEARCH SUPPORT

FXTAS in Women with the *FMRI* Premutation: Establishing the Profile, Predictors, and Progression of Symptoms across Adulthood – Project 2 \$2,642,128 (Project 2 portion)
 9/10/25–8/31/30

P50HD118708, NIH/NICHD, NIDCD, NIMH (Overall PI: Roberts)

The overarching aim of Project 2 of the P50 Fragile X Center of Excellence is to inform the longitudinal expression of FXTAS-related symptoms in women with *FMRI* premutation across adulthood and identify phenotypic, clinical, genetic, and environmental predictors of age-related symptom trajectories.

Role: PI of Project 2

Aging Symptom Trajectories in Mother Carriers of the *FMRI* Premutation \$2,900,521
 R01AG073374, NIH/NIA 7/15/22-3/31/27

This proposal seeks to determine the stability of core *FMRI* premutation symptoms across middle adulthood and early old age; investigate autonomic and *FMRI* molecular genetic correlates of age-related symptom expression; and evaluate associated functional limitations.

Role: PI

The LivJoy Foundation Fund \$303,000
 The LivJoy Foundation 1/1/24-7/31/27

This fund provides support for a postdoctoral fellow in the Communication Sciences and Disorders dedicated to studying females living with fragile X syndrome.

Role: PI

Autonomic and Sensory Dysfunction in *FMRI* Conditions \$3,215,991
 R01HD106652, NIH/NICHD (PI: Roberts) 7/8/22-4/30/27

The major goal of this project is to investigate the presence, onset, developmental trajectory, and developmental consequences on autonomic nervous system dysfunction in infancy in children with *FMRI*-associated conditions.

Role: Co-I

Aging Symptom Trajectories in Mother Carriers of the *FMRI* Premutation Supplement to R01AG073374 \$104,209
 7/1/25-3/31/26

1R01AG073374-04S1, NIH/NIA

This project supports the investigation of the age-related expression of core *FMRI* premutation symptoms in women across middle adulthood.

Role: PI

Characterizing the Behavioral Phenotype of Mothers with the Fragile X Full Mutation \$40,000
 Carolina Autism and Neurodevelopment (CAN) Research Center, USC 5/15/25-8/15/26

This project aims to delineate the behavioral phenotype of mothers with full mutation of fragile X in the domains of social, cognitive-executive, mental health and wellbeing, in comparison to mothers who carry the fragile X premutation and mothers who do not carry *FMRI* gene mutations.

Role: PI

COMPLETED RESEARCH SUPPORT

Neuropsychological Profiles and Risk for Dementia-Related Disease in Mothers of Children with Autism Spectrum Disorder (PI: Friedman) \$214,578
8/11/22-8/10/25
F32AG079615, NIH/NIA

This proposal seeks to delineate neuropsychological profiles potentially associated with mild cognitive impairment in mothers of children with autism spectrum disorder as they age.

Role: Primary Mentor

Aging Symptom Trajectories in Mother Carriers of the *FMRI* Premutation Diversity Supplement to R01AG073374 \$21,654
6/1/23-5/31/25
3R01AG073374-02S2, NIH/NIA

This research supplement supports health-related research training for promising scholars.

Role: PI (Student PI Aryio)

Evaluation of Accessibility of Healthcare Services to Adult Patients with Intellectual and Developmental Disabilities in Rural South Carolina (PI: MacInnis) \$20,000
10/1/23 –3/31/25
Transformative Seed Grant, Health Sciences Center at Prisma Health

This project evaluates healthcare accessibility for patients with IDD in South Carolina.

Role: Co-I

Aging Symptom Trajectories in Mother Carriers of the *FMRI* Premutation Administrative Supplement to R01AG073374 \$395,485
4/1/23-3/31/25
3R01AG073374-02S1, NIH/NIA

This project focused on advancing knowledge of Alzheimer's and related dementias will examine the *FMRI* premutation genotype as a factor associated with age-related cognitive decline.

Role: PI

Exploring Social Determinants of Health and the *FMRI* Premutation Symptomology in Women (PI: Christensen) \$2,500
5/24/24-12/31/25
Randi J. Hagerman Summer Scholars Research Award, National Fragile X Foundation

This proposal investigates neighborhood deprivation as a social determinant of health that may influence health outcomes for women with the *FMRI* premutation.

Role: Primary Mentor

Language Development in Fragile X Syndrome \$950,505 (USC portion)
7/1/18-6/30/24
R01HD024346, NIH/NICHD (PI: Abbeduto)

The purpose of this study is to continue longitudinal investigation in males with fragile X syndrome into adulthood and to begin tracking the trajectories of females with fragile X syndrome. The focus is on language development within the framework of an examination of the transition from high school into adulthood.

Role: Co-I (site PI)

The *FMRI* Premutation Genotype and Age-Related Cognitive-Linguistic Decline Administrative Supplement to R21DC017804 \$244,237
4/1/20-3/31/24
3R21DC017804-02S1, NIH/NIA

This project focused on advancing knowledge of Alzheimer's and related dementias will examine the *FMRI* premutation genotype as a factor associated with age-related cognitive decline.

Role: PI

Defining the Language Phenotype of the *FMRI* Premutation \$439,500
4/1/19-3/31/24
R21DC017804, NIH/NICHD

This project will delineate oral and written language features associated with the *FMRI* premutation, in comparison to language features of the broad autism phenotype.

Role: PI

Pilot Study to Classify and Quantify Language Delay and Genetic Contributions in \$20,000

- Phelan-McDermid Syndrome** 4/1/21 – 3/31/23
 Transformative Seed Grant, Health Sciences Center at Prisma Health
 This project examines genetic contributions to language impairment in Phelan-McDermid syndrome.
 Role: Co-PI (Co-PI's Sarasua, Boccuto, Klusek)
- USC Autism and Neurodevelopmental Disorders Center of Excellence** 2019 – 2023
 USC Excellence Initiative, University of South Carolina (PIs: Roberts and Twiss)
 This project establishes a multi-disciplinary center of excellence in autism and other neurodevelopmental disabilities research at the University of South Carolina.
 Role: Co-I
- Aging Brain Cohort at the University of South Carolina** 2019 – 2023
 USC Excellence Initiative, University of South Carolina (PI: Fridriksson)
 This project establishes a large cross-sectional and longitudinal database including approximately 800 adults.
 This database will provide control data for ongoing projects as well as fuel new groundbreaking studies of normal aging and age-related disorders and diseases.
 Role: Co-I
- Aging Language Production in Mothers with the FMR1 Premutation** \$149,500
 R03HD098291, NIH/NICHD 4/1/19-3/31/22
 This project delineates aging language trajectories in mothers with the *FMR1* premutation.
 Role: PI
- Role of Amygdala in Emotional and Social Behavioral Deficits in Fragile X Syndrome** \$40,000
 Pilot Grant, USC Autism and Neurodevelopmental Disorders Center of Excellence 6/1/2020-5/31/2021
 This project will determine the role of the Fragile X Mental Retardation Protein in the amygdala to fragile X syndrome-relevant behaviors in mice.
 Role: Co-PI (Co-PI's Hollis, Mott, Klusek)
- A Longitudinal Study of Maternal Mental Health Outcomes in Fragile X Syndrome: Biological Sensitivity to Context and the Potential Buffering Effect of Vagal Tone** \$13,583
 USC Advanced Support for Innovative Research Excellence (ASPIRE)-I Award 7/1/17-9/30/18
 This project examines the impact of autonomic dysfunction on expression and severity of the mental health disorders in the *FMR1* premutation
 Role: PI
- Language Development in Fragile X Syndrome**
 5R01HD024356-20, NICHD (PI: Abbeduto) 2/20/12-1/31/18
 This is a longitudinal investigation of language development in adolescent and young adult males with fragile X syndrome. The aims are to characterize the course of development in the major components of language (e.g., syntax, pragmatics) from adolescence and into young adulthood in fragile X syndrome.
 Role: Co-I
- Biomarkers for Cognitive-Linguistic Impairments in Women with the FMR1 Premutation** \$5,000
 USC Advanced Support for Innovative Research Excellence (ASPIRE)-II B Award 7/1/16-9/30/17
 This project examines molecular-genetic and autonomic biomarkers for cognitive-linguistic features among women with the *FMR1* premutation and control women.
 Role: PI
- Profiles and Predictors of Pragmatic Language Impairments in the FMR1 Premutation** \$159,396
 NIDCD F32DC013934 1/24/14-8/15/16
 This project adopts a behavior-biomarker approach to clarify the nature, underlying mechanisms, and functional consequences of pragmatic (i.e., social language) impairments in women with the *FMR1* premutation.
 Role: PI
- Physiological Arousal and Pragmatic Language Impairments in Autism and Fragile X** \$3,000
 James J. Gallagher Dissertation Award 8/1/11-12/15/12

This project investigated physiological arousal dysregulation as a cause of pragmatic language impairments in boys with autism and fragile X syndrome.

Role: PI

Defining the *FMRI* Premutation Phenotype: An Investigation of Pragmatic Language

\$2,500

National Fragile X Foundation's William & Enid Rosen Student Fellowship

6/1/09-8/31/09

The focus of this project was defining pragmatic language profiles among individuals with the *FMRI* premutation and the broad autism phenotype.

Role: Student PI

BIBLIOGRAPHY

PEER-REVIEWED PUBLICATIONS (underline denotes student mentees)

1. Reviel, S., Christensen, T. R., Rodriguez-Porcel, F., Cooper, C., Berry-Kravis, E., Tosin, M. H. S., Hall, D. A., Bonilha, H. S., & **Klusek, J.** (in press). Swallowing symptoms in female *FMRI* premutation carriers: EAT-10 findings and associations with genetic and FXTAS-related features. *American Journal of Speech-Language Pathology*.
2. Montenaro, F. A. M., Alfieri, P., Allen, E. G., Arnold, H., Basile, B., Baud, A., Biag, H., M., B., Cifuentes Ochoa, M., D'Ercole, M., Elisa-Mas, A., Elizur, S., Elvassore, N., Gabis, L. V., Hagerman, R. J., Hall, D. A., Hamrick, L., Hantman, R. M., Hasan, H., Heredia, Z., Hessel, D., Jenner, L., Jin, P., Jiraanont, P., **Klusek, J.**, Kooy, R. F., Johnson, K., Martinez Cerdano, V., Maltman, N., McLennan, Y., Miranda Pinto, M., I., Mosconi, M. W., O'Keefe, J., Pollo, R., Protic, D., Roberts, J. E., Rivera, S. M., Rodriguez-Revenga, L., Roller, E., Saldarriaga, W., Santos, E., Shelly, K., Sobczak, K., Sawacha, Z., Todd, P. K., Urso, D., Vilay, N., Winarni, T. I., & Tassone, F. (in press). New developments in fragile X premutation-associated conditions: Consensus perspectives from the 6th International Conference on *FMRI* Premutation. *Genetics in Medicine Open*.
3. Jenner, L., Koenig, C., Hantman, R. M., Hogan, A. L., Roberts, J. E., & **Klusek, J.** (2026). Psychiatric difficulties in females with fragile X syndrome: A systematic review and meta-analyses. *Frontiers in Psychiatry*, 17:1886787. <https://doi.org/10.3389/fpsy.2026.1886787>
4. Hong, J., DaWalt, L. S., **Klusek, J.**, Berry-Kravis, E., & Mailick, M. (2026). FXTAS family history interacts with college degree attainment to reduce risk for cognitive and motor symptoms in *FMRI* premutation carrier women. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 201, 451-463. <https://doi.org/10.1002/ajmg.b.70022>
5. Hong, J., DaWalt, L. S., **Klusek, J.**, Berry-Kravis, E., & Mailick, M. (2026). Women with the *FMRI* premutation: A within-family observational sibling study. *BMJ Connections Clinical Genetics and Genomics*, 3: e000077. <https://doi.org/10.1136/bmjccg-2026-000077>
6. Abbeduto, L., **Klusek, J.**, Lounds Taylor, J., & Thurman, A. J., (2026). Planning for the transition to adulthood: Parent perspectives on the planning process and experiences of young adults with fragile X syndrome. *Advances in Neurodevelopmental Disorders*. <https://doi.org/10.1007/s41252-026-00488-y>
7. Bourgeois, J. A., Schneider, A., **Klusek, J.**, Christensen, T. R., Levin, E., Gardner, K., Jacoby, A., & Hagerman, R. J. (2026). Comprehensive, multidisciplinary care strategies for fragile X-associated tremor/ataxia syndrome. *Frontiers in Neurology*, 17, 1746002. <https://doi.org/10.3389/fneur.2026.1746002>
8. Quadri-Valverde, S., **Klusek, J.**, Ward, L. D., Ivankovic, D., Powers, N., Shankar, V., Lyman, R. A., Mackay, T. F. C., Bridges, W., Phelan, K., Rogers, C., Boccuto, L., Sarasua, S. M. (2026). Remote language assessment in school-age children with Phelan-McDermid syndrome and genotype-phenotype correlation. *American Journal of Medical Genetics Part A*, 200 (8), 1764–1772. <https://doi.org/10.1002/ajmg.a.70117>
9. Friedman, L., Matchin, W., Berry-Kravis, E., & **Klusek, J.** (2026). Semantic and syntactic language differences in women with the *FMRI* premutation. *Journal of Neurolinguistics*, 101287. <https://doi.org/10.1016/j.jneuroling.2025.101287>
10. **Klusek, J.**, Gierman, G., Fairchild, A.J., Benitez, A. M., Berry-Kravis, E., & Mailick, M. R. (2026). Cognitive dysfunction in women with the *FMRI* premutation during midlife: The LASSI-L reveals curvilinear CGG dependent risk buffered by college education. *Journal of Alzheimer's Disease*, 10, 335-350. <https://doi.org/10.1177/1387287251414950>

11. Moser, C., Yang, C., Hogan, A. L., Fairchild, A., Roberts, J. E., **Klusek, J.** (2026). Mother-child biobehavioral synchrony and its association with social functioning in autistic school-aged children. *Autism Research*, 19, e70168. <https://doi.org/10.1002/aur.70168>
12. Likhitweerawatong N., Montanaro, F. A. M., Santos, E., Wang, J. Y., Dejputtawat W., Narasimhan W., **Klusek, J.**, Maltman, N., Schneider, A., Tassone, F., Hagerman, R. J. (2025). Swallowing and choking difficulties in *FMR1* premutation carriers: A marker of FXTAS progression? *Scientific Reports*, 15, 42164. <https://doi.org/10.1038/s41598-025-25959-5>
13. Montanaro, F. A., Tassone, F., Schneider, A., Roberts, J. E., Bourgeois, J. A., Hogan, A., Cohen, J., **Klusek, J.**, Maltman, N., Protic, D., Udayakumar, N., Allen, E. G., Hagerman, R. J. (2025). Correspondence on "No association between *FMR1* premutation and either ADHD or anxiety in 53,707 women undergoing genetic testing for family planning purposes" by Klausner et al. *Genetics in Medicine*, 27, 101511. <https://doi.org/10.1016/j.gim.2025.101511>
14. **Klusek, J.**, Jenner, L., Hogan, A. L., Friedman, L., Berry-Kravis, E., Tassone, F., Adayev, T., Fairchild, A. J., & Roberts, J. E. (2025). Depression symptom trajectories in mothers with the *FMR1* premutation vary by CGG repeat length: A longitudinal study of 73 women spanning 20-75 years of age. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 198, 103-119. <https://doi.org/10.1002/ajmg.b.33033>
15. Moser, C., Friedman, L., Bangert, K., Hickey, A., Sun, J., **Klusek, J.** (2024). The effects of the COVID-19 pandemic on mental health in mothers of autistic children and mothers of children with fragile X syndrome. *Research in Autism Spectrum Disorder*, 117, 102465. <https://doi.org/10.1016/j.rasd.2024.102465>
16. Friedman, L., Moser, C., Thurman, A. J., Lounds Taylor, J., Abbeduto, L., **Klusek, J.** (2024). Description and predictors of self-determination in males and females with fragile X syndrome on the verge of adulthood. *Journal of Intellectual Disability Research*, 68, 1316-1330. <https://doi.org/10.1111/jir.13182>
17. **Klusek, J.**, Will, E., Christensen, T., Caravella, K., Hogan, A., Sun, J., Smith, J., Fairchild, A. J., Roberts, J. E. (2024). Social communication delay in an unbiased sample of preschoolers with the *FMR1* premutation. *Journal of Speech, Language, and Hearing Research*, 67, 2316-2332. https://doi.org/10.1044/2024_JSLHR-23-00580
18. Moser, C., Campanelli, A., Friedman, L., Thurman, A. J., Roberts, J. E., Abbeduto, L., & **Klusek, J.** (2024). Characterising the social interaction style of autism in young adult males with fragile X syndrome. *Journal of International Disability Research*, 68, 464-476. <https://doi.org/10.1111/jir.13121>
19. Tassone, F., Protic, D., Allen, E. G., Archibald, A. D., Baud, A., Brown, T. W., Budimirovic, D. B., Cohen, J., Dufour, B., Eiges, R., Elvassore, N., Gabis, L. V., Grudzien, S. J., Hall, D. A., Hessel, D., Hogan, A., Hunter, J. E., Jin, P., Jiraanont, P., **Klusek, J.**, Kooy, R. F., Kraan, C. M., Laterza, C., Lee, A., Lipworth, K., Losh, M., Loesch, D., Lozano, R., Mailick, M. R., Manolopoulos, A., Martinez-Cerdeno, V., McLennan, Y., Miller, R. M., Montanaro, F. A. M., Mosconi, M. W., Potter, S. N., Raspa, M., Rivera, S. M., Shelly, K., Todd, P. K., Tutak, K., Wang, J. Y., Wheeler, A., Winarni, T. I., Zafarullah, M., Hagerman, R. J., (2023). Insight and recommendations for fragile X-premutation-associated conditions from the Fifth International Conference on *FMR1* Premutation, *Cells*, 12 (18), 2330. <https://doi.org/10.3390/cells12182330>
20. Friedman, L., Lauber, M., Behroozmand, R., Fogerty, D., Kunecki, D., Berry-Kravis, E., & **Klusek, J.** (2023). Atypical vocal quality in women with the *FMR1* premutation: An indicator of impaired sensorimotor control. *Experimental Brain Research*, 241, 1975-1987. <https://doi.org/10.1007/s00221-023-06653-2>
21. **Klusek, J.**, Will, E., Moser, C., Hills, K., Thurman, A. J., Abbeduto, L., Roberts, J. E. (2023). Predictors, parental views, and concordance across diagnostic sources of autism in male youth with fragile X syndrome: Clinical best estimate and community diagnoses. *Research on Child and Adolescent Psychopathology*, 51, 1067-1068. <https://doi.org/10.1007/s10802-023-01059-8>
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23. **Klusek, J.**, O'Connor, S. L., Hickey, A., Hills, K. J., Abbeduto, L., & Roberts, J. E. (2022). Attention deficit/hyperactivity disorder in adolescent and young adult males with fragile X syndrome. *American Journal on Intellectual and Developmental Disabilities*, 127, 213-230. <https://doi.org/10.1352/1944-7558-127.3.213>
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25. Maltman, N., **Klusek, J.**, DaWalt, L., Hong, J., Sterling, A., Berry-Kravis, E., & Mailick, M. R. (2022). Verbal inhibition declines among older adult women with high *FMR1* premutation expansions: A prospective study. *Brain and Cognition*, 159, 105851. <https://doi.org/10.1016/j.bandc.2022.105851>
26. **Klusek, J.**, Fairchild, A., **Moser, C.**, Mailick, M., Thurman, A. J., & Abbeduto, L. (2022). Family history of FXTAS is associated with age-related cognitive-linguistic decline among mothers with the *FMR1* premutation. *Journal of Neurodevelopmental Disorders*, 14, 7. <https://doi.org/10.1186/s11689-022-09415-3>
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37. **Klusek, J.**, Fairchild, A. J., & Roberts, J. E. (2019). Vagal tone as a putative mechanism for pragmatic competence: An investigation of carriers of the *FMR1* premutation. *Journal of Autism and Developmental Disorders*, 49, 197-208. <https://doi.org/10.1007/s10803-018-3714-7>
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BOOK CHAPTERS UNDER REVIEW (underline denotes student mentees)

1. Friedman, L., Jenner, L., Christensen, T., Hamrick, L. R., & **Klusek, J.** (under review). Fragile X syndrome. In A. Benítez-Burraco (Ed.), *The Oxford Handbook of Language Impairment in Rare Genetic Conditions*. Oxford University Press.

BOOK CHAPTERS

1. Abbeduto, L., Thurman, A. J., del Hoyo Soriano, L., & **Klusek, J.** (2021). Fragile X syndrome and associated disorders. In L. M. Glidden, L. Abbeduto, L. L. McIntyre, & M. J., Tasse (Eds.), *APA Handbook of Intellectual and Developmental Disabilities* (pp. 151-185). American Psychological Association. <https://doi.org/10.1037/0000194-007>
2. Sokhadze, E. M., Casanova, M. F., Casanova, E. L., **Klusek, J.**, & Roberts, J. E. (2018). Autonomic nervous system dysfunctions in children with autism spectrum disorder. In E. M. Sokhadze & M. F. Casanova (Eds.), *Autism Spectrum Disorder: Neuromodulation, Neurofeedback, and Sensory Integration Approaches to Research and Treatment* (pp. 169-206). Foundation for Neurofeedback and Neuromodulation Research.

OTHER PUBLICATIONS

1. **Klusek, J.**, Adlof, S. M., Randel, A., & Roberts, J. E. (2015). Reading development in fragile X syndrome. *The Fragile X Society Research News*. <http://www.fragilex.org.uk/single-post/2015/08/27/Reading-Development-in-Fragile-X-Syndrome>

REFEREED PRESENTATIONS (underline denotes mentee)

1. Jenner, L., & **Klusek, J.** (accepted for presentation in 2026, November). *Preliminary characterization of mental health and neurodevelopmental features in mothers identified with the FMR1 full mutation in adulthood*. Poster accepted for presentation at the 2nd Fragile X International Congress, Oslo, Norway.
2. Christensen, T. R., Jenner, L., Klusek, J. (accepted for presentation in November 2026) *A scoping review of speech-language pathology practice domains in fragile X-associated tremor/ataxia syndrome (FXTAS)*. Poster accepted for presentation at American Speech-Language-Hearing Association Convention, Indianapolis, IN.
3. Reviel, S., Christensen, T., Rodriguez-Porcel, F., Cooper, C., Berry-Kravis, E., Bonilha, H., & **Klusek, J.** *Swallowing symptoms in female FMR1 premutation carriers: EAT-10 findings and associations with genetic and FXTAS-related features*. (accepted for presentation in November 2026). Poster accepted for presentation at American Speech-Language Hearing Association Convention, Indianapolis, IN.
4. **J. Klusek**, Schmidt, J., & Mailick, M. (accepted, 2026, October). Antisaccade performance predicts FXTAS motor outcomes: Moderation by educational attainment in a 10-Year follow-up study of women with the

- FMRI* premutation. In Unruh, K. (Chair). *Quantitative approaches for characterizing and predicting motor features of FXTAS in female and male FMRI premutation carriers*. Symposium abstract accepted for presentation at the 58th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Minneapolis, MN.
5. Friedman, L. & **Klusek, J.** (accepted, 2026, October). *Subjective memory and broad autism phenotype traits in mothers of autistic children*. Poster accepted for presentation at the 58th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Minneapolis, MN.
 6. Hong, J., Smith DaWalt, L., **Klusek, J.**, Berry-Kravis, E., & Mailick, M. (accepted, 2026, October). *Women with the FMRI premutation: A within-family observational sibling study*. Poster accepted for presentation at the 58th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Minneapolis, MN.
 7. Hoffman, A. & **Klusek, J.** (2026, July). *Strategies for early literacy Skills*. Abstract accepted for presentation at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 8. **Klusek, J.**, Rodriguez-Porcel, F., Cooper, C., Christensen, T.R., Tosin, M. H. S., Hall, D., Mailick, M., & Berry-Kravis, E. (2026, July). FXTAS neuromotor signs in women with the *FMRI* premutation: Elevated risk at mid-range CGGs and attenuation by college degree attainment. In **J. Klusek** (Chair), FXTAS in *FMRI* premutation carriers: Updates from ongoing research. Symposium abstract presented at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 9. Friedman, L., Moser, C., Thurman, A. J., Lounds Taylor, J., Abbeduto, L., & **Klusek, J.** (2026, July). Mental health symptoms, medication, and service use among women with fragile X syndrome. In L. Jenner (Chair), From preschool to motherhood: Neurodevelopmental and mental health outcomes in females with fragile X syndrome. Symposium abstract presented at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 10. Jenner, L., Bailey, H., Berry-Kravis, E., & **Klusek, J.** (2026, July). Mental health symptoms, medication, and service use among women with fragile X syndrome. In L. Jenner (Chair), From preschool to motherhood: Neurodevelopmental and mental health outcomes in females with fragile X syndrome. Symposium abstract presented at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 11. Christensen, T. R., Rodriguez-Porcel, F., Cooper, C., Berry-Kravis, E., & **Klusek, J.** (2026, July). *Word finding in women with the FMRI premutation and its association with FXTAS-related motor symptoms and FMRI premutation allele expression*. Poster presented at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 12. Witkowiak, K., Harold, R., Neo, W.S., Berry-Kravis, E., **Klusek, J.**, Hélie, S., Kelleher, B., & Foti, D. (2026, July). Examining cerebellar structure and function in women with the *FMRI* premutation. In R. Harold (Chair), *From brains to behavior: clinical translational research to support mental health among women with the FMRI premutation*. Symposium abstract presented at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 13. Vickery, B., Arjmandi, M., & Klusek, J. (2026, July). *Hearing loss in adult women with the FMRI premutation*. Poster presented at the 20th National Fragile X Foundation (NFXF) International Fragile X Conference, Louisville, KY.
 14. Kephart, W., Friedman, L., Bonilha, H., & **Klusek, J.** (2025, September). *Acoustic measures of vocal quality as early biomarkers of disease progression in women with the FMRI premutation*. Poster presented at the Fall Voice Conference, Charlotte, NC.
 15. **Klusek, J.**, Christensen, T., Fairchild, A., Berry-Kravis, E. (2025, September). *Genetic and clinical predictor of functional tremor symptom progression in mothers with the FMRI premutation: A longitudinal study of 77 women spanning 26-79 Years of Age*. Abstract presented at the 6th International Conference on Fragile X Premutation Associated Conditions: From Clinical and Molecular Diagnosis to Treatment, Polignano A Mare, Italy.
 16. **Klusek, J.**, Rodriguez-Porcel, F., Cooper, C., Tosin, M. H.S., Mailick, M., Berry-Kravis, E. (2025, September). *Motor symptoms are elevated in FMRI premutation women aged 44-81 years across clinician-rated, quantitative, and self-report measures, and in association with repeat size mosaicism*. Abstract presented at the 6th International Conference on Fragile X Premutation Associated Conditions: From Clinical and Molecular Diagnosis to Treatment, Polignano A Mare, Italy.
 17. Christensen, T., Rodriguez-Porcel, F., Cooper, C. & **Klusek, J.** (2025, September). *Word finding in women with the FMRI premutation without FXTAS and its association with preclinical FXTAS-related motor and*

- cognitive symptoms*. Abstract presented at the 6th International Conference on Fragile X Premutation Associated Conditions: From Clinical and Molecular Diagnosis to Treatment, Polignano A Mare, Italy.
18. **Klusek, J., Friedman, L., Christensen, T. R.**, Berry-Kravis, E., Benitez, A., Rodriguez-Porcel, F., Cooper, C., & Joseph, J. (2025, April). Cognitive impairment in women with the *FMR1* premutation. In M. W. Mosconi & **J. Klusek** (Chairs) *Clinical Impairments and Key Predictors of Degeneration during Aging in Female Carriers of the Fragile X Gene, FMR1*. Symposium abstract presented at the 57th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Diego, CA.
 19. **Christensen, T. R. & Klusek, J.** (2025, April). Social determinants of health and risk for anxiety and depression in the *FMR1* premutation: Neighborhood deprivation and the mediating role of loneliness. In W. S. McKinney & Schmitt, L. M. (Chairs) *Social Determinants of Health as Key Contributors to Clinical Outcomes in Neurodevelopmental Disabilities and Associated Conditions*. Symposium abstract presented at the 57th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Diego, CA.
 20. **Friedman, L. & Klusek, J.** (2025, April). *Sleep quality mediates the association between broad autism phenotype traits and subjective memory in mothers of autistic children*. Poster accepted presented at the 57th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Diego, CA.
 21. **Christensen, T. R.**, Matchin, W., **Friedman, L.**, & **Klusek, J.** (2025, April). *Working memory and processing speed do not account for reduced sentence processing speech in women with the FMR1 premutation*. Poster presented at the 57th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Diego, CA.
 22. **Jenner, L., Christensen, T. R., Neuhauser, E.**, Hogan, A., Roberts, J. E., & **Klusek, J.** (2025, April). “*The hardest part is allowing her to fall*”: Mothers with the *FMR1* premutation and their experiences raising daughters with fragile X syndrome. Poster accepted presented at the 57th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, San Diego, CA.
 23. **Christensen, T.**, Matchin W., & **Klusek, J.** (2024, December). *Women with the FMR1 premutation show slowed language processing*. Poster presented at the American Speech Language and Hearing Convention, Seattle WA.
 24. **Klusek, J.**, Roberts, J., Hogan, A., Berry-Kravis, E. (2024, November). *Age and CGG-dependent changes in depression symptom severity occurring across 20-70 years in a longitudinal cohort of 87 women with the FMR1 premutation*. Abstract presented at the 1st Fragile X International Congress, Barcelona, Spain.
 25. **Friedman, L., Ariyo, O.**, Berry-Kravis, E. & **Klusek, J.** (2024, November). *Fewer years menstrual cycling exacerbates mental health problems in women with the FMR1 premutation with mid-range CGG repeats but not lower or higher CGG repeats*. Poster presented at the 1st Fragile X International Congress, Barcelona, Spain.
 26. **Klusek, J.**, Rodriguez-Porcel, F., Cooper, C., **Christensen, T.**, Mailick, M., Berry-Kravis, E. (2024, July). *Genetic risk for FXTAS neuromotor signs in women with the FMR1 premutation is buffered by education*. Poster presented at the 19th NFXF International Fragile X Conference, Orlando, FL.
 27. **Christensen, T., McLean, V.**, & **Klusek, J.** (2024, July). *Neighborhood socioeconomic disadvantage influences anxiety symptom expression in women with the FMR1 premutation*. Poster presented at the 19th NFXF International Fragile X Conference, Orlando, FL.
 28. **McLean, V.**, Kalinyak, A., Berry-Kravis, E., & **Klusek, J.** (2024, July). *Adverse childhood experiences and resilience as predictors of wellbeing in women with the FMR1 premutation*. Poster presented at the 19th NFXF International Fragile X Conference, Orlando, FL.
 29. **Friedman, L., Ariyo, O.**, & **Klusek, J.** (2024, July). *Language disfluencies in women with the FMR1 premutation are impacted by sampling context*. Poster presented at the 19th NFXF International Fragile X Conference, Orlando, FL.
 30. **Sabeh-Ayon, N. & Klusek, J.** (2024, July). *Superordinate lexical errors in women with the FMR1 premutation suggest semantic memory involvement*. Poster presented at the 19th NFXF International Fragile X Conference, Orlando, FL.
 31. **Abbeduto, L., Klusek, J.**, Lounds Taylor, J., & Thurman, A. J. (2024, April). *Transition experiences of youth with fragile X syndrome and associations with adaptive behavior and executive function*. Abstract presented at the 56th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Kansas City, MO.
 32. **Klusek, J.**, Will, E., **Christensen, T.**, Caravella, K., Hogan, A., **Sun, J.**, Smith, J., Fairchild, A. J., Roberts, J. E. (2024, April). Social Communication Delay in Preschoolers with the *FMR1* Premutation. In S. Zheng (Chair) *Applying Early Detection Measures to Young Children with Increased Likelihood for Autism and Other*

- Developmental Disabilities*. Symposium abstract presented at the 56th Annual Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, Kansas City, MO.
33. Friedman, L., Moser, C., Thurman, A. J., Lounds Taylor, J., Abbeduto, L., & **Klusek, J.** (2024, April). *Mental health and social participation in young adults with fragile X syndrome*. Abstract presented at the 56th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Kansas City, MO.
 34. Christensen, T., Friedman L., & Klusek, J. (2024, April). *A qualitative study on preparing females with fragile X syndrome for adulthood*. Poster presented at the 56th Annual Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, Kansas City, MO.
 35. **Klusek, J.** & Berry-Kravis, E. (2023, May) *FMR1 CGG repeat length interacts with adverse childhood experiences to influence expression of the broad autism phenotype*. Poster presented at the International Society for Autism Research Annual Meeting, Stockholm, Sweden.
 36. Friedman L. & Klusek J. (2023, May). *Sleep quality and the broad autism phenotype in mothers of autistic children*. Poster presented at the International Society for Autism Research Annual Meeting, Stockholm, Sweden.
 37. Moser, C*, Friedman L. & Klusek., J., (2023, May). *Autism symptoms moderate mother-child physiological synchrony*. Poster presented at the International Society for Autism Research Annual Meeting. Stockholm, Sweden. **Recipient of the Student Travel Award*
 38. **Klusek, J., Friedman, L., Moser, C., Hickey, A.** (2023, April). *Elevated reading difficulties in women carriers of the FMR1 premutation*. In **J. Klusek** (Chair). Expression and Environmental Influences of the FMR1 Premutation Clinical Phenotype across the Lifespan. Symposium presented at the 55st Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, Kansas City, MO.
 39. Friedman, L., Moser, C., Thurman, A. J., Lounds Taylor, J., Abbeduto, L., & **Klusek, J.** (2023, April). *Self-determination in young adults with fragile X syndrome*. In B. Tomaszewski (Chair), Post-Secondary Experiences of Individuals with Intellectual and Developmental Disabilities. Symposium abstract presented at the 55th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Kansas City, MO.
 40. Moser, C., Bryant, T., Thurman, A. J., Adlof, S., Roberts, J. E., Abbeduto, L., & **Klusek, J.** (2023, April). *Understanding reading comprehension in youth with fragile X syndrome: An application of the simple view of reading*. Poster presented at the 55th Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Kansas City, MO.
 41. Friedman, L. & Klusek, J. (2023, March). *Semantic and syntactic language differences in women with the FMR1 premutation*. Abstract presented at the 5th International Conference on the FMR1 Premutation: Molecular Mechanisms, Clinical Involvement, & Target Treatments, Bay of Islands, New Zealand. **Recipient of the Early Career Travel Award*
 42. Hogan, A., **Klusek, J., Cornell, E. G.,** Parks, E., Pattera, V. & Roberts, J. (2023, March). *Social inhibition and pragmatic language in preschool-aged FMR1 premutation carriers*. Abstract presented at the 5th International Conference on the FMR1 Premutation: Molecular Mechanisms, Clinical Involvement, & Target Treatments, Bay of Islands, New Zealand.
 43. **Klusek, J., Gierman, J.,** Fairchild, A., Berry-Kravis, E. (2023, March). *A novel cognitive stress paradigm reveals subtle cognitive deficits associated with Alzheimer's disease in women with the FMR1 premutation*. Abstract presented at the 5th International Conference on the FMR1 Premutation: Molecular Mechanisms, Clinical Involvement, & Target Treatments, Bay of Islands, New Zealand.
 44. Quadri-Valverde, S., **Klusek, J.,** Ward, L., Phelan, K., Rogers, C., Powers, N., Boccuto, L., & Sarasua, S. (2022, October). *Using remote methods to assess communication in Phelan-McDermid Syndrome*. Poster presented at the American Society of Human Genetics Annual Meeting, Los Angeles, CA.
 45. Abbeduto, L., **Klusek, J.,** Lounds Taylor, J., & Thurman, A. J. (2022, July). *Transitioning to independence in adulthood: What helps? What are the barriers?* Abstract presented at the 18th International Fragile X Conference, San Diego, CA.
 46. Abbeduto, L., **Klusek, J.,** Lounds Taylor, J., & Thurman, A. J. (2022, July). *Self advocate session: Transitioning to independence in adulthood: What helps? What are the barriers?* Abstract presented at the 18th International Fragile X Conference, San Diego, CA.
 47. **Klusek, J.,** Fairchild, A., Roberts, J. E., Abbeduto, L. (2022, July). *Anxiety, but not depression, predicts longitudinal increase in functional tremor symptoms in women with the FMR1 premutation during midlife*. Abstract presented at the 18th International Fragile X Conference, San Diego, CA.

48. Friedman, L., Lauber, M., Behroozmand, R., Fogerty, D., & Klusek, J. (2022, July). *Vocal quality in women with the FMR1 premutation*. Poster presented at the 18th International Fragile X Conference, San Diego CA.
49. Moser, C., Thurman, A. J., Lounds Taylor, J., Abbeduto, J., Klusek, J. (2022, July). *Pragmatic language is associated with daily living skills in adolescents and adults with fragile X syndrome*. Abstract presented at the 18th International Fragile X Conference, San Diego CA.
50. Moser, C., Campanelli A., Friedman, L., Thurman, A.J., Abbeduto, L., & Klusek, J. (2022, May). *Autism subtypes and language ability in males with co-occurring fragile X syndrome and autism spectrum disorder*. Poster presented at the International Society for Autism Research, Austin TX. *Recipient of the Student and Trainee Travel Award
51. Hickey, A.C., Bangert, K., & Klusek, J. (2022, May). *Mental health and loneliness in mothers of autistic children and mothers of children with fragile X syndrome during the COVID-19 pandemic: associations with caregiver burden and social support*. Poster presented at the International Society for Autism Research, Austin TX.
52. Friedman, L., Hickey, A. C., & Klusek, J. (2022, May). *Risk for mild cognitive impairment in mothers of autistic children*. Poster presented at the International Society for Autism Research, Austin TX.
53. Gifford, R., Corbin, N., Smith, S., **Klusek, J.** (2021, November) *Writing successful research grant applications in Communication Sciences and Disorders: Advice from Experts*. 2021 American Speech Language Hearing Association Convention. Washington, DC (hybrid virtual).
54. Hickey, A. C., Friedman, L., & Klusek, J. (2021, October). *CGG repeats in the FMR1 gene as predictor of visuospatial working memory*. Poster presented at Alzheimer's Association International Conference Neuroscience Next, Virtual Meeting.
55. Moser, C., Schmitt, L., Schmidt, J., Fairchild, A., & Klusek, J. (2021, April). *Response inhibition deficits in women with the FMR1 premutation are associated with age and fall risk*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Virtual Meeting.
56. Moser, C., Mattie, L., & Klusek, J. (2021, April). *The impact of the FMR1 premutation phenotype on mother-child synchrony in fragile X syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual Disabilities, Virtual Meeting
57. Hogan, A., Hunt, E., Smith, K., Black, C., Bangert, K., **Klusek, J., & Roberts, J. E.** (2021, April). *Autonomic nervous system function early in development predicts later ASD and anxiety symptoms in both fragile X syndrome and typical development*. Poster presented at the International Society for Autism Research, Virtual Meeting.
58. Hogan, A., Smith, K., Hunt, E., **Klusek, J., & Roberts, J. E.** (2020, July). *Developmental maturation in respiratory sinus arrhythmia predicts later autism symptoms, but not anxiety symptoms, in infants with fragile X syndrome*. Abstract accepted for presentation at the International Congress of Infant Studies, Glasgow, Scotland. (Conference cancelled due to COVID-19).
59. **Klusek, J., Moser, C.,** Thurman, A. J., & Abbeduto, L. (2020, May). *Age-related decline in cognitive-linguistic skills in carriers of the FMR1 premutation: Syntactic complexity declines across midlife in women with family histories of FXTAS*. Abstract presented at the 17th International Fragile X Conference (Virtual Series due to COVID-19), Orlando, FL.
60. Abbeduto, L., **Klusek, J.,** Lounds Taylor, J., & Thurman, A. J. (2020, May). *Transitioning to independence in adulthood: What helps? What are the barriers?* Abstract accepted for presentation at the 17th International Fragile X Conference (Virtual Series due to COVID-19), Orlando, FL.
61. Burton, J., Moser, C., & Klusek, J. (2020, May). *Child predictors of maternal anxiety and depression symptoms: Cross-syndrome comparison of autism spectrum disorder and fragile X syndrome*. Abstract accepted for presentation at the International Society for Autism Research Annual Meeting (Virtual Meeting due to COVID-19), Seattle, WA.
62. Moser, C., Burton, J., & Klusek, J. (2020, May). *The role of the autonomic nervous system in mental health disorders among mothers of children with autism spectrum disorder*. Poster presented at the International Society for Autism Research Annual Meeting (Virtual Meeting due to COVID-19), Seattle, WA.
63. Moser, C., Hahn, L., & Klusek, J. (2020, April). *The impact of the FMR1 premutation phenotype on mother-child synchrony in fragile X syndrome*. Poster accepted for presentation at the 53rd Annual Gatlinburg Conference on Intellectual and Developmental Disabilities, San Diego, CA. (Conference canceled due to COVID-19)

64. Anglo, C., Kelly, L. A., Bullard, L., **Klusek, J.**, Thurman, A. J., Roberts, J. E., & Abbeduto, L. J. (2020, April). *Predictors of maternal well-being and adolescent and young adult behavior in fragile X families*. Poster accepted for presentation at the 53rd Annual Gatlinburg Conference on Intellectual and Developmental Disabilities, San Diego, CA. (Conference canceled due to COVID-19)
65. Scaler Scott, K., **Klusek, J.**, Adams, C., Kisenweather, J., Thurman, A. J., Giuffre, L., Hartung, B., Header, T., Reed, J., Moon, R., Postiglione, S., Williams, S., Abbeduto, L. (2019, November). *Cluttering in intellectual disability: Skilled differential diagnosis based on preliminary evidence in fragile X syndrome*. Abstract presented at the American Speech-Language Hearing Association Convention, Orlando, FL.
66. **Klusek, J.**, Hong, J., Sterling, A., Berry-Kravis, E., Mailick, M. R. (2019, September). *Response inhibition skills are modulated by age and CGG repeat length in women with the FMR1 premutation*. Abstract presented at the 4th International Conference on the FMR1 Premutation: Basic Mechanisms and Clinical Involvement, Rotterdam, Netherlands.
67. Lateef, A. & **Klusek, J.** (2019, September). *Heart activity and antisaccade performance in women with the broad autism phenotype*. Poster presented at the 59th Annual Meeting of the Society for Psychophysiological Research, Washington, DC.
68. **Klusek, J.**, Abbeduto, L., Thurman, A. J., & Roberts, J. E. (2019, March). *The relationship between pragmatic language difficulties, loneliness, and life satisfaction in mother carriers of the FMR1 premutation and mothers of children with autism spectrum disorder*. Poster presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities, San Antonio, TX.
69. Moser, C., Roberts, J. E., & **Klusek, J.** (2019, March). *Attention to eye gaze in mothers of children with autism and fragile X syndrome*. Poster presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities, San Antonio, TX.
70. Matherly, S., **Klusek, J.**, Abbeduto, L., Roberts, J. E. (2019, March). *Impact of structural and pragmatic language on anxiety and externalizing behaviors in young adult males with FXS*. Poster presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities, San Antonio, TX.
71. De Leon, C. M., Parenteau, C., Drayton, A., Thurman, A. J., **Klusek, J.**, Abbeduto, L. (2019, March). *Are filled pauses related to ASD symptomatology in adolescents and young adult males with fragile X syndrome?* Poster presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities, San Antonio, TX.
72. Girnary, Z., **Klusek, J.**, McConkie-Rosell, A., Hill-Chapman, C. (2018, November). *Is current fragile X syndrome genetic counseling enough? Expanding the clinical phenotype of fragile X in premutation and intermediate allele carriers*. Poster presented at the 37th Annual Conference of the National Society of Genetic Counselors, Atlanta, GA.
73. Roberts, J. E., Hogan, A. L., **Klusek, J.**, Will, E., & Tonnsen, B. (2018, July). *The emergence of autism in preschoolers with the FMR1 premutation*. Abstract presented at the 16th International Fragile X Conference, Cleveland, OH.
74. **Klusek, J.**, Abbeduto, L. J., Thurman, A. J., & Roberts, J. E. (2018, July). *Co-occurring ASD in males with fragile X is underdiagnosed in community settings*. Abstract presented at the 16th International Fragile X Conference, Cleveland, OH.
75. Winston, M., Martin, G. E., Bush, L., **Klusek, J.**, Zhou, L., Berry-Kravis, E. & Losh M. (2018, July). *Autonomic regulation in girls with fragile X syndrome: Links with language abilities*. Poster presented at the 16th International Fragile X Conference, Cleveland, OH.
76. Scaler Scott, K., **Klusek, J.**, Kisenwether, J. S., Adams, C., Thurman, A. J., & Abbeduto, L. (2018, July). *Cluttering in fragile X syndrome vs. nonsyndromic autism spectrum disorder*. Abstract presented at the 2018 Inaugural Joint World Congress of the International Stuttering Association, International Fluency Association and International Cluttering Association, Hiroshima, Japan.
77. **Klusek, J.**, Moser, C., Schmidt, J., Abbeduto, L., & Roberts, J. E. (2018, March). *A novel eye tracking paradigm for indexing core social phenotypes of fragile X syndrome*. Poster presented at the 51st Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Diego, CA.
78. **Klusek, J.**, LaFauci, G., Adayev, T., Brown, T. W., Tassone, F., & Roberts, J. (2018, March). *Autonomic dysfunction in mothers with the FMR1 premutation: Depression, anxiety, and genetic correlates*. In **J. Klusek** & A. Wheeler (Co-chairs). *Stress, Risk, and Resiliency for Women with a FMR1 Premutation*. Symposium abstract presented at the 51st Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Diego, CA.

79. Roberts, J. E., Hogan, A. L., Will, E., Tonnsen, B., **Klusek, J.** (2018, March). *Heart rate variability in fragile X syndrome and its relationship to anxiety*. In H. C., Hazlett, S. Jeste, & J. E. Roberts (Co-chairs), *The benefits and Challenges of Biomarker Research: Lessons Learned from Studies of Peripheral and Neural Indicators in IDD*. Symposium abstract presented at the 51st Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Diego, CA.
80. Martin, G. E., Bush, L. A., **Klusek, J.**, & Losh, M. (2017, November). *A multi-method language sample analysis of pragmatic skills in children and adolescents with neurodevelopmental disabilities*. Abstract presented at the American Speech-Language-Hearing Association Convention, Los Angeles, CA.
81. Henbest, V., **Klusek, J.**, Roberts, J., Adlof, S., & Apel, K. (2017, October). *Orthographic knowledge and phonological awareness in adult males with fragile X syndrome*. Poster presented at the South Carolina Autism and Neurodevelopmental Disorders Research Symposium, Columbia CA.
82. **Klusek, J.**, Porter, A., & Roberts, J. E. (2017, September). *Curvilinear association between language dysfluency and CGG repeat size across the normal, intermediate, and premutation range*. Abstract presented at the 3rd International Conference on the *FMR1* Premutation: Basic Mechanisms and Clinical Involvement, Jerusalem, Israel.
83. **Klusek, J.** & Roberts, J. E. (2017, May). *Cardiac autonomic function predicts pragmatic language features of the broad autism phenotype in mothers of children with ASD*. Poster presented at the International Meeting for Autism Research, San Francisco, CA.
84. Matherly, S. M., **Klusek, J.**, Roberts, J., & Abbeduto, L. (2017, May). *Impact of anxiety and autism symptomatology on pragmatic language in young adult males with fragile X syndrome*. Poster presented at the International Meeting for Autism Research, San Francisco, CA.
85. Losh, M., Martin, G. E., Lee, M., **Klusek, J.**, Sideris, J., Wassink, T., & Barron, S. (2017, May). *Developmental markers of genetic liability to autism in parents: A longitudinal, multigenerational study*. Poster presented at the International Meeting for Autism Research, San Francisco, CA.
86. Moser, C., Roberts, J.E., & **Klusek, J.** (2017, March). *The role of autonomic function in predicting parenting stress and social support in mothers with the FMR1 premutation*. Poster presented at the Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Antonio, TX.
87. **Klusek, J.** & Roberts, J. E. (2017, March). Autonomic dysfunction is associated with pragmatic language impairments in women with the *FMR1* premutation and the broad autism phenotype. In J. Klusek (Chair), *The FMR1 premutation: Biomarkers and discriminating phenotypes*. Symposium abstract presented at the Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders, San Antonio, TX.
88. **Klusek, J.**, Martin, G. E., & Losh M. (2016, November). *Language & communication in fragile X syndrome and the fragile X premutation*. Abstract presented at the American Speech-Language-Hearing Association Convention, Philadelphia, PA.
89. Martin, G. E., Bush, L., **Klusek, J.**, & Losh, M. (2016, July). *A multi-method approach to characterizing conversational skills in boys and girls with fragile X syndrome with and without autism spectrum disorder*. Poster accepted for presentation at the International Fragile X Conference, San Antonio, TX.
90. **Klusek, J.**, Schmidt, J., Porter, A., & Roberts, J.E. (2016, May). *Cardiac vagal tone predicts eye gaze fixation in the broad autism phenotype*. Poster presented at the International Meeting for Autism Research, Baltimore, MD.
91. Rague, L., Caravella, K. E., **Klusek, J.**, & Roberts, J. E. (2016, May). *Gesture development from 9 to 24 months in infants with Fragile X Syndrome, Infant Siblings of Children with Autism and Typically Developing Infants*. Presented at the International Meeting for Autism Research, Baltimore, MD.
92. Rague, L., Caravella, K. E., **Klusek, J.**, & Roberts, J. E. (2016, March). *Early gesture use in 12 month old infants with fragile X syndrome, infant siblings of children with autism and typically developing infants*. Presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities, San Diego, CA.
93. **Klusek, J.**, Hughes, R., Butler, C., & Roberts, J. E. (2015, November). *Gesture use in one-year-old infants with fragile X syndrome and typical development*. Poster presented at the American Speech- Language-Hearing Association Convention, Denver, CO.
94. **Klusek, J.**, Schmidt, J., Porter, A., & Roberts, J. E. (2015, September) *Pragmatic language ability in the FMR1 premutation is associated with autonomic reactivity and viewing patterns during gaze processing*. Abstract presented at the 2nd International Conference on the *FMR1* Premutation: Basic Mechanisms and Clinical Involvement, Barcelona, Spain.

95. Losh, M., Lee, M., **Klusek, J.**, Martin, G., & Berry-Kravis, E. (2015, September). *Executive functioning and social cognition among FMR1 premutation carriers: Links to autism endophenotypes*. Abstract presented at the 2nd International Conference on the FMR1 Premutation: Basic Mechanisms and Clinical Involvement, Barcelona, Spain.
96. Schworer, E., **Klusek, J.**, Hahn, L. J., Schmidt, J., & Roberts, J. E. (2015, March). *Anxiety and eye gaze in males with fragile X*. Poster presented at the Gatlinburg Conference on Research in Developmental Disabilities, New Orleans, LA.
97. Martin, G. E., **Klusek, J.**, Sideris, J., & Losh, M. L. (2014, November). *Conversational discourse skills in children with fragile X syndrome: Sex differences and overlap with autism*. Abstract presented at the American Speech-Language-Hearing Association Convention, Miami, FL.
98. **Klusek, J.**, & Roberts, J. E. (2014, September). *Cortisol as a biomarker for psychological vulnerability in women with the FMR1 premutation*. Poster presented at the Society for Psychophysiological Research, Atlanta, GA.
99. **Klusek, J.**, Martin, G. E., Losh, M. (2014, July). *Physiological arousal and social-communication skills in boys with fragile X syndrome and autism*. In J. E. Roberts (Chair), *Arousal, anxiety, and attention in fragile X across the lifespan*. Symposium abstract presented at the International Fragile X Conference, Orange County, CA.
100. Stiehl, C., Martin, G. E., **Klusek, J.**, Hogan-Brown A. L., Sideris, J., Losh, M. (2014, July). *Sex differences in pragmatic language and theory of mind in fragile X syndrome*. Abstract presented at the International Fragile X Conference, Orange County, CA.
101. Losh, M., **Klusek, J.**, Lee, M., Hogan-Brown, A., & Martin, G. (2014, May). *Pragmatic language in autism spectrum disorder, fragile X syndrome, and Down syndrome: Cross-population comparisons and genetic and social-cognitive correlates*. In L. Abbeduto (Chair), *Atypical communicative profiles in individuals with neurodevelopmental disorders*. Symposium abstract presented at the Meeting of the Jean Piaget Society, San Francisco, CA.
102. Reisinger, D., **Klusek, J.**, Scherr, J., & Roberts, J. E. (2014, May). *Association of social skill deficits and autism symptomology in boys with fragile X syndrome*. Abstract presented at the International Meeting for Autism Research, Atlanta, GA.
103. McGrath, M., **Klusek, J.**, Schworer, E., Guenther, J., Abbeduto, L., & Roberts, J. E. (2014, May). *Cortisol stress response patterns and social behaviors in adolescent boys with fragile X syndrome and autism*. Abstract presented at the International Meeting for Autism Research, Atlanta, GA.
104. **Klusek, J.** & Roberts, J. E. (2014, March). *Anxiety as a predictor of pragmatic language difficulties in women with the FMR1 premutation*. In J. E. Roberts (Chair), *The co-occurrence of anxiety in fragile X and idiopathic autism: A behavioral and biomarker approach to assessment and treatment across the lifespan*. Symposium abstract presented at the Gatlinburg Conference on Research in Developmental Disabilities, Chicago, IL.
105. **Klusek, J.**, Losh, M., & Martin, G. E. (2013, March). *Physiological arousal in autism and fragile X syndrome*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual Developmental Disabilities, San Antonio, TX.
106. **Klusek, J.**, Losh, M., & Martin, G. E. (2012, November). *Pragmatic language in autism, fragile X syndrome, and Down syndrome*. Abstract presented at the American Speech- Language-Hearing Association Convention, Atlanta, GA.
107. **Klusek, J.**, Losh, M., & Martin, G. E. (2012, July) *Agreement of clinical and research diagnoses of autism among boys and girls with fragile X syndrome*. Abstract presented at the International Fragile X Conference, Miami, FL.
108. **Klusek, J.**, Losh, M., & Martin, G. E. (2012, April). *Gender differences in pragmatic language features associated with the broad autism phenotype among parents of children with autism*. Poster presented at the International Meeting for Autism Research, Toronto, Canada.
109. **Klusek, J.**, Losh, M., & Martin, G. E. (2011, May). *Expressive language profiles of children with idiopathic autism and fragile X syndrome*. Poster presented at the International Meeting for Autism Research, San Diego CA.
110. Martin, G. E., Losh, M., & **Klusek, J.** (2010, November). *Pragmatic language in boys with fragile X syndrome and autism*. Abstract presented at the American Speech and Hearing Association Convention, Philadelphia, PA.

111. **Klusek, J.** & Losh, M. (2010, July). *Verbal fluency in relatives of individuals with fragile X and autism: Exploring gene-behavior relationships*. Poster presented at the International Fragile X Conference, Detroit, MI.
112. Martin, G. E., Losh, M., **Klusek, J.**, Harris, A., Hopp, C., & Sideris, J. (2010, July). *Social language in boys with fragile X syndrome and boys with autism*. Abstract presented at the Annual International Fragile X Conference, Detroit, MI.
113. Losh, M., Martin, G. E., **Klusek, J.** & Dillon, E., Hopp, C., Harris, A., et al. (2010, July). *Personality, language, and neuropsychological features in relatives of individuals with FXS and relatives of individuals with autism*. Abstract presented at the International Fragile X Conference, Detroit, MI.
114. **Klusek, J.** & Losh, M. (2010, April). *The role of FMR1 in the language profile associated with the broad autism phenotype*. Poster presented at the International Meeting for Autism Research, Philadelphia PA.
115. Losh, M., Martin, G. E., & **Klusek, J.** (2010, April). *Clinical and neuropsychological overlap in the broad autism phenotype and the FMR1 premutation*. Abstract presented at the International Meeting for Autism Research, Philadelphia, PA.
116. Martin, G. E., Losh, M., **Klusek, J.**, & Harris, A. (2010, April). *Pragmatic language and social cognitive overlap in children with autism and fragile X syndrome*. Abstract presented to the International Meeting for Autism Research, Philadelphia, PA.
117. **Klusek, J.** & Losh, M. (2009, May). *The role of FMR1 in pragmatic language impairment in autism and the broad autism phenotype*. Abstract presented at the International Meeting for Autism Research, Chicago, IL.

INVITED PROFESSIONAL PRESENTATIONS

- 2025 *Unraveling the FMR1 premutation in women: From genes to clinical care* (November, 2025). John D. Wiley Seminar Series, Waisman Center, University of Wisconsin-Madison, Madison WI.
- 2025 *Not just carriers: FXTAS and broader clinical effects of the FMR1 premutation in women* (October, 2025). Department of Neurology Grand Rounds, Medical University of South Carolina, Charleston SC.
- 2025 *Cognitive impairment in women with the FMR1 premutation* (April, 2025). Lifespan Family Research Lab Team Meeting, University of Wisconsin-Madison, Madison, WI (virtual meeting).
- 2025 *Translation of FMR1 premutation phenotypes across the lifespan* (March, 2025). South Carolina Autism and Neurodevelopmental Disorders Symposium, Furman University, Greenville SC.
- 2024 *Age and CGG-dependent changes in depression symptom severity occurring across 20-70 years in a longitudinal cohort of 87 women with the FMR1 premutation* (November, 2024). FXS/FXPAC Australian Round Table Meeting, Murdoch's Children's Research Institute, Victoria, Australia (virtual meeting).
- 2024 *Social communication delay in an unbiased sample of preschoolers with the FMR1 premutation* (August, 2024). CAN Annual Research Retreat, Carolina Autism and Neurodevelopment (CAN) Research Center, USC, Columbia SC.
- 2024 *Autism in fragile X syndrome* (July, 2024). UCSF Bishop Lab Team Meeting, University of California San Francisco, San Francisco CA (virtual meeting).
- 2022 *Low-normal FMR1 genotype in older women: Psychological well-being and motor function* (September, 2022). Aging Brain Cohort Data Exploration Workshop, USC, Columbia SC.
- 2022 *The FMR1 premutation genotype and age-related cognitive-linguistic decline* (March, 2022) NIDCD/NIA Webinar: Sharing our Science: Alzheimer's Disease and Related Dementias. National Institutes of Health (virtual meeting).

COMMUNITY & NON-REFEREED PROFESSIONAL PRESENTATIONS

- 2024 *Panel Member*, "Community Engagement", CAN Lunch and Learn, Carolina Autism and Neurodevelopment (CAN) Research Center, USC, Columbia, SC.
- 2024 *Invited Speaker*, "Fragile X, Fragile X Carriers, and Associated Conditions", Golden K Kiwanis Club, Columbia SC.
- 2024 *Speaker*, "Research and Careers", MCH Dinner Seminar, Maternal and Child Health (MCH) Leadership, Education, and Advancement in Undergraduate Pathways (LEAP) Program, USC, Columbia SC.
- 2024 *Colloquia*, "USC P50 FX Center Grant Proposal", CAN Science Talk Series, Carolina Autism and Neurodevelopment (CAN) Research Center, USC, Columbia, SC.

- 2023 *Panel Member*, “Coffee with PIs”, CAN Trainee Event, Carolina Autism and Neurodevelopment (CAN) Research Center, USC, Columbia, SC.
- 2023 *Speaker*, “Career Day”, Saint Joseph’s Catholic School, Columbia SC.
- 2023 *Colloquia*, “Cognitive Deficits associated with Alzheimer’s in Women with the *FMRI* Premutation.” COMD Colloquium, Department of Communication Sciences and Disorders, USC, Columbia SC.
- 2022 *Colloquia*, “Semantic Interference Profiles in Fragile X Carriers.” CAN First Thursday Science Meeting Series, Carolina Autism and Neurodevelopment (CAN) Research Center, USC, Columbia SC.
- 2020 *Panel Member*, “Academic Writing”, COMD Proseminar Series, Department of Communication Sciences and Disorders, USC, Columbia SC.
- 2019 *Speaker*, “*FMRI*-Associated Phenotypes”, South Carolina Autism and Neurodevelopmental Disorders (SCAND) Core Affiliates Meeting, Columbia, SC.
- 2019 *Panel Member*, “Grants”, COMD Proseminar Series, Department of Communication Sciences and Disorders, USC, Columbia SC.
- 2018 *Workshop Leader*, “Literacy in Intellectual and Developmental Disabilities”, Read to Succeed Training Module, USC, Columbia SC.
- 2017 *Panel Member*, “Grant Basics Workshop”, USC Office of the VP for Research, USC, Columbia SC.
- 2017 *Workshop Leader*, “Autism Myth Busters”, Carolina Masters Scholars Adventures Series, Columbia SC.
- 2016 *Panel Member*, “Grants, Jobs and FAQ’s”, USC Postdoctoral Association, USC, Columbia SC.
- 2016 *Colloquia*, “Autonomic Correlates of Pragmatic Language Impairment in Women with the *FMRI* Premutation and the Broad Autism Phenotype.” Institute for Mind and Brain Colloquium Series, USC, Columbia, SC.
- 2015 *Panel Member*, “A Discussion on Autism”, Brookland Baptist Community Health Fair, Columbia SC.
- 2015 *Colloquia*, “Pragmatic Language Ability in the *FMRI* Premutation is Associated with Gaze Patterns and Autonomic Reactivity to Direct Eye Contact.” Hard Data Café Seminar Series, Department of Psychology USC, Columbia SC.
- 2014 *Colloquia*, “Anxiety as a Predictor of Pragmatic Language Difficulties in Women with the *FMRI* Premutation.” Hard Data Café Seminar Series, Department of Psychology, USC, Columbia SC.
- 2013 *Colloquia*, “Physiological Arousal in Autism and Fragile X Syndrome: Links with Pragmatic Language.” Hard Data Café Seminar Series, Department of Psychology, USC, Columbia SC.
- 2012 *Colloquia*, “Physiological Arousal in Autism and Fragile X Syndrome: Links with Pragmatic Language.” FPG Child Development Institute Seminar Series, UNC, Chapel Hill NC.
- 2012 *Colloquia*, “Pragmatic in Autism and Fragile X Syndrome.” FPG Child Development Institute Seminar Series, UNC, Chapel Hill NC.
- 2012 *Workshop Leader*, “Early Indicators of Developmental Delay: Autism”, Advancing Skills & Knowledge: A Day for Child Development Professionals, Chapel Hill, NC.
- 2011 *Workshop Leader*, “Building Social Communication in Young Children with Autism”, Advancing Skills & Knowledge: A Day for Child Development Professionals, Chapel Hill, NC.
- 2011 *Panel Member*, “So You Want a PhD?”, NC Speech, Hearing, & Language Association Annual Conference, Raleigh NC.
- 2011 *Workshop Leader*, “Early Indicators of Developmental Delay: Autism”, Advancing Skills & Knowledge: A Day for Child Development Professionals, Chapel Hill, NC.
- 2011 *Invited Talk*, “Building Social Communication in Young Children with Developmental Disabilities”, Durham County Public Schools, Durham, NC.

MEDIA APPEARANCES

- 2026 WIS-10 News at 5 with Judi Gatson, “*FMRI* Premutation: What You Should Know”

SELECTED STUDENT MENTEE PRESENTATIONS (underline denotes student mentee)

1. Klein, K. & Klusek, J. (2022, April). *Verbal fluency and the broad autism phenotype*. USC Discovery, Columbia, SC. **First Place in Health Sciences.**
2. Campanelli, A. & Klusek, J. (2019, April). *Social interaction style and language ability in males with autism and fragile X syndrome*. USC Discovery, Columbia, SC. **Second Place in Psychology/Neuroscience.**

3. Lateef, A. & Klusek, J. (2019, April). *Heart activity and anti-saccade performance in women with the broad autism phenotype*. USC Discovery, Columbia, SC. **First Place in Psychology and Public Health.**
4. Ahrens, E. & Klusek, J. (2018, April). *Propositional density as an indicator of premutation language decline in women with the FMR1 premutation*. USC Discovery, Columbia, SC. **First Place in Health Sciences.**
5. Moser, C., Roberts, J. E., & Klusek, J. (2017, March). *Parenting stress as it relates to vagal tone and social support in the FMR1 premutation*. USC Discovery, Columbia, SC. **First Place in Psychology/Neuroscience.**
6. Ruber, A., Roberts, J. E., & Klusek, J. (2016, April). *A preliminary analysis of skin conductance among mothers of children with fragile X syndrome and mothers of typically developing children*. South Carolina Upstate Research Symposium, Spartanburg, SC. **First Place Award.**
7. Porter, A., Roberts, J. E., & Klusek, J. (2015, April). *The impact of maternal anxiety on child language outcomes in fragile X syndrome*. South Carolina Upstate Research Symposium, Spartanburg, SC. **First Place Award.**
8. Porter, A., Klusek, J., & Roberts, J. E. (2015, March). *The relation between anxiety and heart rate in women with the FMR1 premutation during direct and averted gaze*, USC Discovery Day, Columbia, SC. **First Place in Psychology/Neuroscience.**
9. Herron, A., Mazur, E., Klusek, J., & Roberts, J. E. (2013, October). *The broad autism phenotype, autism severity, and implications for adolescents with fragile X syndrome*. Louisiana State Undergraduate Research Conference, Baton Rouge, LA. **Second Place Award.**

CLASSROOM TEACHING EXPERIENCE

COURSES TAUGHT

University of South Carolina

<i>Instructor</i> , COMD 738/710: SLP's Role in Working with Children with ASD Graduate elective.	2017-2023 (7 offerings)
<i>Instructor</i> , COMD 738/710-J50/J51/J52: SLP's Role in Working with Children with ASD Graduate elective, distance education.	2018-2025 (7 offerings)
<i>Instructor</i> , COMD 710: Special Topics in Speech Pathology: Autism Graduate elective.	2014
<i>Facilitator</i> , PUBH 678: Transforming Health Care for the Future Interdisciplinary graduate course.	2023, 2024
<i>Instructor</i> , COMD 800: Seminar in Speech Pathology Graduate independent study.	2023-2024 (4 offerings)
<i>Instructor</i> , COMD 408: Independent Study in Neurodevelopmental Disorders Undergraduate independent study.	2020-2025 (12 offerings)
<i>Instructor</i> , NSCI 498: Individual Research in Neuroscience Undergraduate independent study.	2024-2025 (2 offerings)
<i>Instructor</i> , COMD 525: Independent Study in Neurodevelopmental Disorders Undergraduate independent study.	2016-2018 (11 offerings)
<i>Instructor</i> , SCHC 497: Undergraduate Research Honors college undergraduate research.	2018-2024 (8 offerings)
<i>Instructor</i> , SCHC 499: Honors Senior Thesis Undergraduate honors college senior thesis supervision.	2016-2024 (16 offerings)
<i>Instructor</i> , PUBH 399: Independent Study in Neurodevelopmental Disorders Undergraduate independent study.	2019
<i>Instructor</i> , COMD 710: Special Topics in Speech Pathology: Neurodevelopmental Disorders Graduate elective.	2017
<i>Instructor</i> , SCHC 499: Honors Senior Thesis/Project Undergraduate honors thesis supervision.	2017-2025 (17 offerings)
<i>Co-Instructor</i> , PSYC 589: Selected Topics in Psychology: Neurodevelopmental Disabilities Advanced undergraduate seminar.	2014, 2019
<i>Supervisor</i> , PSYC 499: Independent Study	2013, 2014, 2015, 2016

Undergraduate independent study.
Co-Instructor, PSYC 841E: Advanced Study in Selected Topics: Autism Theory and Diagnosis 2013
 Graduate elective.

Other Universities

Co-Instructor, SPHS 802: Special Topics in SLP: Autism, University of North Carolina 2011
 Graduate elective for SLP and special education master's students.
Supervisor, SPHS 196: Independent Study, University of North Carolina 2009, 2010, 2011, 2012
 Undergraduate independent study.
Teaching Assistant, SPHS 530: Introduction to Clinical Phonetics, University of North Carolina 2009
 Undergraduate required course for majors.
Teaching Assistant, SPHS 570: Anatomy & Physiology of Speech, University of North Carolina 2008
 Undergraduate required course for majors.

GUEST LECTURES

Language, High Functioning Autism, and the Broad Autism Phenotype. PSYC 841: 2018
 Autism Theory and Diagnosis, Department of Psychology, USC
Life after Graduation. HSPM 800: Doctoral Seminar, Health Services Promotion Management, USC 2017
The Broad Autism Phenotype and Language in ASD. PSYC 841E: Autism Diagnosis and Theory 2015
 Department of Psychology, USC
Autism Spectrum Disorder. SCC 330P: Introduction to Neuroscience, Department of Psychology, USC 2014
Systematic Analysis of Language Transcripts (SALT). CSD 392: Language Development and Use, 2012
 Department of Communication Sciences and Disorders, Northwestern University
Evaluating the Validity of Standardized Tests. SPHS 701: Introduction to Research, 2012
 Division of Speech and Hearing Sciences, UNC
Early Indicators of Developmental Delay: Autism. EDMX 767: Early Childhood Intervention and 2010
 Family Support, School of Education, UNC

STUDENT RESEARCH MENTORSHIP

Postdoctoral Research Fellowship

Lauren Jenner, PhD., Communication Sciences and Disorders, USC; 2024-present
 Laura Friedman, Ph.D. CCC-SLP, Communication Sciences and Disorders, USC; 2021-2025 **now an Assistant Professor at University of Texas-Austin*.
 Katherine Bangert, Ph.D. CCC-SLP, Communication Sciences and Disorders, USC; 2020-2022 **now an Assistant Professor at University of Wisconsin-River Falls*
 Jenny Burton, Ph.D. CCC-SLP, Communication Sciences and Disorders, USC; 2019-2020

Dissertation Chair

Thomas Christensen, Communication Sciences and Disorders, USC, 2023-present
 Carly Moser, Communication Sciences and Disorders, USC; passed Summer 2023
 Sara Matherly (co-chair with Jane Roberts), School Psychology, USC; passed Spring 2019 **now a psychologist for the Raleigh TEACCH Center & Clinical Assistant Professor in Psychiatry at UNC*

Dissertation Committee

Erin Hunt, Clinical-Community Psychology, USC, 2023-2024
 Kenan Luce, Psycholinguistics, USC; passed Summer 2023
 Carla Wall, School Psychology, USC; passed Spring 2021
 Kelly Caravella, Clinical Psychology, USC; passed Summer 2019
 Victoria Henbest, Communication Sciences and Disorders, USC; passed Fall 2019

External PhD Thesis Reviewer

Alice Montanaro, Psychology, University of Bari Aldo Moro, Italy, Fall 2025

Doctoral Oral Exam Committee

Carla Wall, School Psychology, USC, passed Spring 2020
Sara Matherly, School Psychology, USC; passed Spring 2018

Doctoral Written Comprehensive Exam Committee

Rachel Hantman, Clinical-Community Psychology, USC, passed Fall 2024
Erin Hunt, Clinical-Community Psychology, USC, passed Fall 2022
Ellie Cooper, COMD, USC; passed Spring 2021
Carla Wall, School Psychology, USC; passed Fall 2019
Jordan Ezell, School Psychology, USC; passed Spring 2019
Shannon O'Connor, School Psychology USC; 2019 (discontinued)
Sara Matherly, School Psychology, USC; passed Spring 2017
Kelly Caravella, Clinical Psychology, USC; passed Fall 2016

Doctoral Advisory Committee

Moji Morozi, COMD, USC, Spring 2024-present
Lauren Hammond, COMD, USC, Spring 2023-present
Thomas Christensen, COMD, USC, Spring 2023-present
Juliana Gebhardt, COMD, USC, Spring 2023-Summer 2025

Master's Thesis Chair

Nadia Sabeh Ayon, Speech-Language Pathology, USC; passed Summer 2024
Jillian Gierman, Speech-Language Pathology, USC; passed Summer 2022
Emily Szabo, Speech-Language Pathology, USC; passed Summer 2021
Sara Mousavi, Speech-Language Pathology, USC; passed Summer 2020
Lyndsay Schmitt, Speech-Language Pathology, USC; passed Summer 2020 **thesis data published in Moser, Schmitt et al., 2021*

Master's Thesis Committee

Sandra Irvin, Speech-Language Pathology, USC, passed Summer 2024
Marissa Olson, Speech-Language Pathology, USC; passed Summer 2023
Paige Banaszak, Speech-Language Pathology, USC; passed Summer 2023
Caroline Woods, Speech-Language Pathology, USC; passed Summer 2022
Zahra Girnary, Genetic Counseling, USC; passed Spring 2018
Johnathan Dickson, Speech-Language Pathology, USC; 2017 (discontinued)

Senior Honors Thesis Director

Halle Bailey, Cellular and Molecular Neuroscience, USC; passed Spring 2025
Eric Niu, Biological Sciences, USC; passed Spring 2024
Britton Parker, Biological Sciences, USC; passed Spring 2024
Abbie Broadhead, Psychology, USC; passed Fall 2023
Kathryn Klein, Biological Sciences and Psychology, USC; passed Spring 2023
Meagan Lauber, Psychology, USC; passed Spring 2021
Azalfa Lateef, Biochemistry, USC; passed Spring 2020
Alyssa Campanelli, BARSCD, USC; passed Spring 2020 **thesis data published in Moser, Campanelli et al., 2024*
Alexis Ruber, Psychology, USC; passed Spring 2017

Senior Honors Thesis Reader

Nhi Ngo, Neuroscience, USC; passed Spring 2024
Anna Porter, Psychology, USC; passed Spring 2016 **thesis data published in Klusek, Porter et al. 2018*
Christina "Bella" Cantu, Psychology, USC; passed Spring 2016
Libby Lieberman, Psychology, USC; passed Spring 2013

Master's Research Practicum Supervision

McKenzie Holden, COMD, USC, 2019-2021
Hannah Voyles, COMD, USC, 2019-2021
Samantha Wilt, COMD, USC, 2019-2021
Emily Szabo, COMD, USC, 2019-2021

Sara Mousavi, COMD, USC, 2018-2020
 Lyndsay Schmitt, COMD, USC, 2018-2020
 Moriah Camak, COMD, USC, 2018-2020
 Marian Easler, COMD, USC, 2018-2020
 Maddison Walters, COMD, USC, 2017-2019
 Kirsten Cresha, COMD, USC, 2017-2019
 Alexandra Vickery, COMD, USC, 2017-2019
 Sarah Miller, COMD, USC, 2017-2019
 Sarah Williamson, COMD, USC, 2016-2018
 Hannah Kinhead, COMD, USC, 2016-2018
 Brittini Beerman, COMD, USC, 2016-2018
 Hannah Dulmaine, COMD, USC, 2016-2018

Mentored Student/Trainee Research Grants

Postdoctoral

Laura Friedman, *Neuropsychological Profiles and Risk for Dementia in Mothers of Children with ASD* (\$214,578). NIH Ruth Kirschstein F32 National Research Service Award, NIA, 2022-2025
 Katherine Bangert, *A Comparison of Expressive Language Disfluencies, Language Ability, Executive Functions, and Autonomic Nervous System Functioning in Children with Autism* (\$5,000). ASPIRE-1 Track 2 Postdoctoral Grant, Office of the VP for Research, USC, Spring 2021-Spring 2022
 Laura Friedman, *Adults with Fragile X Syndrome and Autism Spectrum Disorder: Language, Outcomes, and the Interface with Maternal Phenotypes* (\$5,000). ASPIRE-1 Track 2 Postdoctoral Grant, Office of the VP for Research, USC, Spring 2021-Spring 2022

Doctoral

Thomas Christenson, *The Motor Speech Profile of Fragile X-Associated Tremor/Ataxia Syndrome* (\$1,000). Graduate Student Scholarship in Aging, Office for the Study of Aging, USC, Spring 2026-Fall 2026
 Thomas Christenson, *Exploring Social Determinants of Health and the FMR1 Premutation Symptomatology in Women* (\$2,500). Randi J. Hagerman Summer Scholars Research Award, National Fragile X Foundation, Summer 2024
 Carly Moser, *The Role of Physiological Coordination Among Parents and Children with ASD* (\$4,992). SPARC Graduate Research Grant, Office of the VP for Research, USC, Summer 2022-Summer 2023
 Carly Moser, *Physiological Linkage in Autism Spectrum Disorder* (\$3,000). Maternal and Child Health Graduate Scholarship, USC ASPH MCH Catalyst Program, Summer 2021- Spring 2022

Undergraduate

Lauren Long, *An Investigation of Future Planning of Families Affected by Fragile X with Few Socioeconomic Resources*, (\$3,000). Honors College Research Grant, SC Honors College, USC, Fall 2024- Spring 2025
 Emma Hutz, *Narrative Skills of Women with the FMR1 Premutation* (\$2,000). Galen Health Fellows Magellan Mini-Award, Office of Undergraduate Research, USC, Fall 2024-Spring 2025
 Sydney Crowder, *Exploring the Impact of Low Social Support on Cognitive Decline in Middle-Aged Mothers of Children with ASD* (\$750). Magellan Mini-Award, Office of Undergraduate Research, USC, Fall 2024-Spring 2024 (co-mentor)
 Angelina Joby Chacko, *Aging in the FMR1 Premutation* (\$1,000). Magellan Journey Award, Office of Undergraduate Research, USC, Fall 2024-Spring 2024
 Morgan Rachmiel, *SC Family Experiences Study* (\$1,000). Magellan Journey Award, Office of Undergraduate Research, USC, Fall 2024-Spring 2024
 Julia Pilewicz, *Full Mutation Mothers* (\$1,000). Magellan Journey Award, Office of Undergraduate Research, USC, Fall 2024-Spring 2024
 Eric Niu, *SC Family Experiences Study Lab* (\$3,000). Honors College Research Grant, SC Honors College, USC, Summer 2023- Spring 2024
 Halle Bailey, *Cardiac Autonomic Regulation in FMR1 Conditions* (\$3,000). Honors College Research Grant, SC Honors College, USC, Spring 2023- Fall 2024
 Britton Parker, *Loneliness in Mothers of Children with Autism and Fragile X Syndrome* (\$3,000). Honors College Research Grant, SC Honors College, USC, Summer 2023- Spring 2024

Barret Smoker, *Physiological Linkage between Mothers and Children with ASD* (\$3,000). Honors College Research Grant, SC Honors College, USC, Fall 2022-Spring 2023

Reet Verma, *Anxiety and Sensory Responsivity Examined in Young Adults with Fragile X Syndrome through an Auditory Startle Probe and Heart Rate* (\$3,000). Honors College Research Grant, SC Honors College, USC, Fall 2022-Spring 2023

Aneri Patel, *Distinguish between Mild Cognitive Impairment from Cognitively Healthy Aging by using Different Measures* (\$1,000). Magellan Mini-Grant Award, Office of Undergraduate Research, USC, Spring 2021-Fall 2022

Abbie Broadhead, *Correlation between the Broad Autism Phenotype Feature of Aloofness and Maternal Depression and Anxiety* (\$2,000). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2021

Ainsley Bradbury, *South Carolina Family Experiences Study* (\$2,000). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2021

Reet Verma, *The Relationship Between Heart Rate Variability and Cognitive Function in Adult Mothers with the Fragile X Syndrome Premutation* (\$2,000). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2021

Kathryn Klein, *Verbal Fluency and the Broad Autism Phenotype* (\$2,000). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2021

Maria Streibich, *Network Production Task Analysis* (\$2,000). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2021

Brooke Anderson, *Exploring Morphological and Syntactic Errors in Mothers with the FMR1 Premutation* (\$2,000). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2021

Maria Streibich, *Language Dysfluency and Motor Symptoms in the FMR1 Premutation* (\$1,500). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2020-Summer 2021

Meagan Lauber, *Analysis of Vocal Quality among Fragile X Premutation Carriers* (\$1,830). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2019-Spring 2020

Alyssa Campanelli, *Wing's Autism Subtypes and Language Ability in Males with Fragile X Syndrome* (\$1,930). Exploration Scholars Research Award, SC Honors College, USC, Fall 2019-Spring 2020

Azalfa Lateef, *Startle Response in Women with the FMR1 Premutation and Risk for Anxiety Disorders* (\$2,500). Magellan Scholars Research Award, Office of Undergraduate Research, USC, Spring 2019-Fall 2019

Cayla Wasker, *The Family Experience Lab* (\$1,000). Magellan Apprentice for Capstone Award, Office of Undergraduate Research, USC, Spring 2018-Spring 2019

Azalfa Lateef, *Heart Activity and Antisaccade Performance in Women with the Broad Autism Phenotype* (\$4,500). Exploration Scholars Research Award, SC Honors College, USC, Summer 2017-Summer 2019

Alyssa Campanelli, *Social Interaction Style Subtype in Autism and Fragile X Syndrome* (\$3,000), Exploration Scholars Undergraduate Research Award, SC Honors College, USC, Summer 2018-Summer 2019

Veronica Mclean, *Hippocampal Volume and Reported Speech Episodes in Women with the FMR1 Premutation* (\$3,000), Science Undergraduate Research Fellowship, SC Honors College, USC, Summer 2019-Summer 2019

Sydney Burrell, *Mother-child Synchrony as a Predictor of Problem Behavior and Autism-Related Deficits in Individuals with Fragile X* (\$2,982). Magellan Scholar Award, Office of Undergraduate Research, USC, Summer 2018-Summer 2019

Ella Ahrens, *Premature Language Decline in Women with the FMR1 Premutation* (\$2,500). Magellan Scholar Award, Office of Undergraduate Research, USC, Summer 2017-Fall 2017

Alexis Ruber, *Eye Contact and Sympathetic Arousal in Women with the FMR1 Premutation* (\$3,000). Magellan Scholar Award, Office of Undergraduate Research, USC, Spring 2017-Summer 2017.

Clarice Randall, *Autonomic Cardiac Response and Language in Adolescent Males with Fragile X Syndrome* (\$3,000). Journeyman Exploration Scholars Award, SC Honors College, USC, Fall 2015-Fall 2016. (co-mentor)

Carly Moser, *Arousal Regulation and Anxiety in Women with the FMR1 Premutation* (\$2,500). Magellan Scholar Award, Office of Undergraduate Research, USC, Summer 2016-Fall 2016. (co-mentor)

Alexis Ruber, *Eye Contact in Mothers of Children with Autism and Mothers of Children with Fragile X Syndrome* (\$3,000). Exploration Scholar Undergraduate Award, SC Honors College, Fall 2015-Summer 2016. (co-mentor)

Alexis Charles & Adilen Cruz, *Comparison of Executive Function in Mothers with the FMR1 Premutation* (\$5,800). Magellan Scholar Award, Office of Undergraduate Research, USC, Spring 2016-Summer 2016. (co-Mentor)

Anna Porter, *Language Dysfluencies and the Aging Cognitive Phenotype of Mothers with the FMR1 Premutation* (\$3,000). Magellan Scholar Award, Office of Undergraduate Research, USC, Spring 2016-Summer 2016. (co-Mentor)

Anna Porter, *Language Dysfluencies and the Aging Cognitive Phenotype of Mothers with the FMR1 Premutation* (\$4,500). Science Undergraduate Research Fellowship, SC Honors College, USC, Fall 2014-Fall 2015. (co-mentor)

Geoffrey Marston, *Mechanisms of Executive Function Impairment in Women with the FMR1 Premutation* (\$1,000). Magellan Apprentice for Capstone Award, Office of Undergraduate Research, USC, Fall 2015-Spring 2016. (co-mentor)

Killian Rainey Hughes, *Gesture Development as an Early Marker of Communication Deficits in Children with Fragile X* (\$2,800). Magellan Scholar Award, Office of Undergraduate Research, USC, Spring 2015-Summer 2015. (co-mentor)

Christina Cantu, *Pragmatic Nonverbal Communication in Women with the FMR1 Premutation* (\$4,500). Science Undergraduate Research Fellowship, SC Honors College, USC, Summer 2014-Fall 2015. (co-mentor)

Aimee Herron & Erica Mazur, *Delayed Language Development and Atypical Visual Attention in Infants at High Risk for Autism* (\$5,000). Magellan Scholar Award, Office of Undergraduate Research, USC, Summer 2013-Spring 2014. (co-mentor)

Selected Awards Granted to Students/Trainees

Postdoctoral:

Laura Friedman, Travel Award for the 5th International *FMR1* Premutation Conference, 2023

Doctoral:

Thomas Christenson, Travel Award for the 6th International *FMR1* Premutation Conference, 2025

Carly Moser, Travel Award for the International Society for Autism Research Annual Meeting, INSAR, 2023

Carly Moser, Travel Award for the International Society for Autism Research Annual Meeting, INSAR, 2022

Carly Moser, Travel Award for the Gatlinburg Conference, National Fragile X Foundation, 2020

Masters:

Jillian Gierman, Sharon Webber Scholarship, COMD, USC, 2021

Jillian Gierman, Winona B. Vernberg Bicentennial Fellowship, ASPH, USC, 2021

Sara Mousavi, Sharon Webber Scholarship, COMD, USC, 2020

Undergraduate:

Barrett Smoker, Honorable Mention Poster in Undergraduate Health Sciences, Discover USC, USC, 2023

Kathryn Klein, 1st Place Poster in Undergraduate Health Sciences, Discover USC, USC, 2023

Kathryn Kelin, 1st Place Poster in Undergraduate Health Sciences, Discover USC, USC, 2022

Azalfa Lateef, Second Place Garnet Track, Award for Undergraduate Research, University Libraries, USC, 2020

Alyssa Campanelli, 2nd Place Poster in Psychology and Neuroscience B, Discover USC, 2019

Azalfa Lateef, 1st Place Poster in Psychology and Public Health, Discover USC, 2019

Azalfa Lateef, Magellan Voyager Travel Award, Office of Undergraduate Research, USC 2019

Ella Ahrens, 1st Place Poster in Psychology and Public Health, Discover USC, 2019

Rainey Hughes, Publication in Caravel, USC's Journal of Undergraduate Research, USC, 2017

Carly Moser, 1st Place Poster in Psychology/Neuroscience, Discover USC, 2017

Alexis Ruber, 1st Place Poster, South Carolina Upstate Research Symposium, Spartanburg SC, 2016

Anna Porter, USC Outstanding Student in Psychological Research and Leadership, 2015

Undergraduate Research Supervision

Mia DeHart, Mass Communications, USC, 2025-present

Madison Gregory, Public Health, USC, 2025-present

Gena Volpe, Public Health, USC, 2025-present

Lauren Long, Neuroscience, 2025-present

Morgan Filipe, Public Health, USC, 2025-present

Sophie Pollock, Neuroscience, USC, 2024-2025

Halley Bailey, Neuroscience, USC, 2024-2025

Morgan Rachmiel, Neuroscience, USC, 2024-2025

Emma Hutz, Public Health, USC, 2023-2025

Dani Crawford, Public Health, USC, 2023-2024

Angelina Joby Chacko, Biological Sciences, USC, 2024
 Julia Pilewicz, Neuroscience, 2022-2025
 Christina Koenig, Psychology & Biological Sciences, USC, 2023-2024
 Chareese Davis, Psychology, USC, 2023-2024
 Athul Vikas, Biological Sciences, USC, 2023-2024
 Mansi Parel, Biology, USC, 2023-2024
 Roshni Samuel, Biomedical Engineering, USC, 2022-2024
 Samantha Greenberg, Biological Sciences, USC, 2022-2023
 Suebin Im, Biology, USC, 2022-2023
 Eric Niu, Biology, USC, 2022-2024
 Colette Slatas, Public Health, USC, 2022-2023
 Emily Hasenau, Public Health, USC, 2022-2024
 Britton Parker, Biological Sciences, USC, 2021-2024
 Megan Little, Public Health, USC, 2022-2023
 Barret Smoker, Public Health, USC, 2022-2024
 Aneri Patel, Biological Sciences, 2021-2022
 Bailey Clark, Chemistry, USC, 2021
 Mary Huth, Public Health, USC, 2021-2022
 Abbie Broadhead, Psychology, USC, 2021-2023
 Brooke Anderson, Biochemistry, USC, 2021-2022
 Ainsley Bradbury, Biochemistry, USC, 2021-2022
 Reet Verma, Anthropology, USC, 2021-2023
 Vidhi Patel, Biological Sciences, USC, 2021-2022
 Amanda Abdow, Biological Sciences, USC, 2021-2022
 Kathryn Klein, Biological Sciences and Psychology, USC, 2020-2023
 Molly Levin, Public Health, USC, 2020-2022
 Maria Striebich, Biology, USC, 2020-2022
 Ariana Troiano, Public Health, USC, 2021
 Mary Alden Cooper, Biology, USC, 2021
 Sean Turnpaugh, Chemistry, USC, 2021
 Caitlin Abney, Public Health, USC, 2021
 Carly Donnan, Biochemistry, USC, 2020-2021
 Meagan Lauber, Psychology, USC, 2019-2021
 Sarah Carter, Public Health, USC, 2019-2021
 Molly McIntyre, Public Health, USC, 2019-2021
 Cayla Wasker, Biological Sciences and Spanish, USC, 2019-2021
 Emma Grace Cornell, Public Health, USC, 2019-2020
 Savannah Fuchs, Biochemistry and Molecular Biology, USC, 2019-2020
 Hayley Dahl, Public Health, USC, 2019-2020
 Gregory King, Chemistry, USC, 2017-2018
 Hyuri McDowel, Public Health, USC, 2017-2018
 Abigail Wheeler, Psychology, USC, 2017-2018
 Jefferson Bass, Psychology, USC, 2017
 Ivy Coffman, Psychology, USC, 2016-2017
 Geoffrey Martson, Exercise Science, USC, 2015-2017
 Alexis Ruber, 2015-2017, USC, 2015-2017
 Clarice Randall, Biology and Psychology, USC, 2015-2016
 Carly Moser, Psychology, USC, 2015-2016

Other Formal Mentorship

Olivia Boorom (PhD Candidate, Kansas University), Mentor, ASHA's Pathways Program, 2025
 Lue "Stella" Shen (PhD Candidate, Boston University), Mentor, ASHA's Pathways Program, 2025
 Oluwatoni Ariyo, Sponsor, NIH Diversity Supplement Student Research Internship, NIH (3R01AG073374-02), 2023-2024

India Rhaney, Mentor, Undergraduate Summer Research Internship, sponsored by the DOE Minority Serving Institution Partnership Program (MSIPP) & USC, 2023

Holly Bragdon, Mentor, SC Governor's School for Science and Mathematics Summer Research Internship, 2021

Ashley Kunkle, Undergraduate Summer Research Internship, sponsored by Washington & Jefferson College, 2021

Gabriella Johnson, SC Governor's School for Science and Mathematics Summer Research Internship, 2019

Emily Tindal, SC Governor's School for Science and Mathematics Summer Research Internship, 2019

Caroline Sizemore, SC Governor's School for Science and Mathematics Summer Research Internship, 2018

CarNya Sutton, SC Governor's School for Science and Mathematics Summer Research Internship, 2018

Lea Stone Lasman, PhD Candidate, Adelphi University, Mentor, ASHA Mentoring Academic Research Careers (MARC) Mentoring Program, 2017

Hayley Nolan, SC Governor's School for Science and Mathematics Summer Research Internship, 2016

Michelle Huang, SC Governor's School for Science and Mathematics Summer Research Internship, 2016

Emma Harris, SC Governor's School for Science and Mathematics Summer Research Internship, 2015

SERVICE

GREATER COMMUNITY SERVICE

Leadership and Governance

2025 *Board Member*, Beginnings SC, Columbia, SC

2022–2024 *Leader*, Girl Scouts Juniors Troop #1929, Columbia, SC

Public Education and Advocacy

2026 *Expert Interviewee* (Televised Public Health Education), *WIS-10 News at 5 with Judi Gatson*, “The FMR1 Premutation: What You Should Know”

2023, 2025 *Advocate*, Fragile X Advocacy Day, National Fragile X Foundation, Washington, DC

2018–2025 *Invited Speaker*, South Carolina Fragile X Awareness Day Governor's Proclamation, Columbia, SC

2024 *Invited Speaker*, Golden K Kiwanis Club, Columbia, SC

Mentorship and Community Outreach

2023 *Mentor*, Minority Serving Institution Partnership Program Undergraduate Summer Research Internship

2015–2021 *Mentor*, SC Governor's School for Science and Mathematics, Summer Research Internship

2023 *Invited Speaker*, Career Day, Saint Joseph's Catholic School, Columbia, SC

Community Workshops and Panels

2017 *Workshop Leader*, “Autism Myth Busters,” Carolina Masters Scholars Adventures Series, Columbia, SC

2015 *Panel Member*, “A Discussion on Autism,” Brookland Baptist Community Health Fair, Columbia, SC

2011–2012 *Workshop Leader*, “Early Indicators of Developmental Delay: Autism,” Advancing Skills & Knowledge: A Day for Child Development Professionals, Chapel Hill, NC

2011 *Workshop Leader*, “Building Social Communication in Young Children with Autism,” Advancing Skills & Knowledge: A Day for Child Development Professionals, Chapel Hill, NC

2011 *Workshop Leader*, “Building Social Communication in Young Children with Developmental Disabilities,” Durham County Public Schools, Durham, NC

PROFESSIONAL SERVICE

Leadership, Governance, and Advisory Roles

2020–present *Member*, National Fragile X Foundation Scientific and Clinical Advisory Committee

2020–present *Advisor*, National Fragile X Foundation Research Readiness Program

2024–present *Member*, Pathways Advisory Committee, ASHA

2025 *Member*, NFXF-Facilitated Clinical Trials Committee for Fragile X, Premutation Arm

2025 *Member*, Planning Committee for Research, 20th NFXF International Fragile X Conference

2023–2024 *Member*, Executive Committee, Scientific Program & Agenda, 55th Annual Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders

2019 *Member*, Test Review Committee, ASHA ASD Specialty Area Certification

Editorial, Peer Review, and Grant Review Service

- 2025 *External Reviewer*, Promotion Case, R1 Institution
2025 *External PhD Thesis Reviewer*, Alice Montanaro, Psychology, University of Bari Aldo Moro, Italy
2021–2024 *Editorial Board Member*, *American Journal of Speech-Language Pathology*
2023 *External Reviewer*, Promotion Case, R1 Institution
2021 *Ad Hoc Reviewer*, NIH Director’s New Innovator Award (DP2) Program
2021 *Reviewer*, PhD Scholarship Program, Council of Academic Programs in Communication Sciences and Disorders (CAPCSD)
2018, 2019 *Reviewer*, Graduate Student Scholarship Program, American Speech-Language-Hearing Foundation
2018 *Reviewer*, Second Annual SC Autism and Neurodevelopmental Disabilities (SCAND) Conference
2017 *Ad Hoc Reviewer*, NIH Child Psychopathology & Developmental Disabilities (CPDD) Study Section
2015, 2017 *Reviewer*, Communication and Language Section, International Meeting for Autism Research

Clinical Guidelines, Standards, and Consensus Contributions

- 2025-present *Contributor*, FXTAS Family-Friendly Clinical Treatment Guidelines Consensus Document, National Fragile X Foundation

Mentorship and Professional Development

- 2025 *Mentor*, Pathways Program, ASHA
2017 *Mentor*, Mentoring Academic Research Careers (MARC) Program, ASHA
2014 *Mentor*, Student to Empowered Professional (S.T.E.P.) Program, ASHA

Professional Education and Panels

- 2018 *Workshop Leader*, “Literacy in Intellectual and Developmental Disabilities,” Read to Succeed Module 3 (SLP Continuing Education; SC Act 284)
2016 *Panel Member*, “Grants, Jobs and FAQ’s,” USC Postdoctoral Association, Columbia, SC
2011 *Panel Member*, “So You Want a PhD?”, NC Speech, Hearing, & Language Association Annual Convention

Ad Hoc Journal Reviews

American Journal on Intellectual and Developmental Disabilities; American Journal of Speech Language Pathology; American Journal of Medical Genetics Part B: Neuropsychiatric Genetics; Applied Psycholinguistics; Autism & Developmental Language Impairments; Autism: International Journal of Research and Practice; Autism Research; Biological Psychiatry; Brain Sciences; Clinical Genetics; Developmental Neuroscience; Developmental Neurorehabilitation; Developmental Neuropsychology; Frontiers in Integrative Neuroscience; Frontiers in Neuroscience; Frontiers in Psychiatry; Genes; International Journal of Psychophysiology; Journal of Affective Disorders; Journal of Alzheimer’s Disease; Journal of Assisted Reproduction and Genetics; Journal of Autism and Developmental Disorders; Journal of Applied Research in Intellectual Disabilities; Journal of Child Psychology and Psychiatry; Journal of Communication Disorders; Journal of Intellectual Disability Research; Journal of Neurodevelopmental Disorders; Journal of Speech, Language, and Hearing Research; Neuroscience; Neuropsychology; Neurotherapeutics; Neurology: Genetics; Psychiatry Research; Research in Autism Spectrum Disorders; Research in Developmental Disabilities; Social Cognitive and Affective Neuroscience

UNIVERSITY

- 2024-2025 *Member*, Search Committee, Open-Rank Position in Neuroscience, School of Medicine, USC
2024 *Panel Member*, CAN Research Center Community Engagement “Lunch and Learn”, USC
2024 *Speaker*, Maternal and Child Health LEAP Undergraduate Pathways Dinner Seminar, USC
2021-2024 *Member*, Maternal and Child Health Catalyst Advisory Committee, USC
2022 *Reviewer*, SPARC Award for STEM and Health, USC
2021-2022 *Member*, Steering Committee, USC Autism and Neurodevelopmental Disorders Center
2019-2021 *Member*, Search Committee, Open-Rank Position in the Neuroscience of Autism, Psychology, USC
2021 *Reviewer*, Propel Program, Office of the VP for Research, USC
2019 *Reviewer*, Magellan Scholar Award, USC
2018 *Member*, ASPIRE-II Review Committee, USC
2017 *Reviewer*, SPARC Award for STEM and Health Sciences, USC
2017 *Reviewer*, BHWET Program Internal Competition, USC

2017 *Panel Member, “Grant Basics Workshop”, USC Office of the VP for Research, USC*

SCHOOL

2023-present *Member, Research Advisory Council, Arnold School of Public Health, USC*
2020, 2022 *Member, Student Award Selection Committee, Arnold School of Public Health, USC*
2019 *Chair, Student Award Selection Committee, Arnold School of Public Health, USC*
2019 *Member, T&P Ad Hoc Teaching Evaluation Committee, Arnold School of Public Health, USC*
2018 *Member, Student Award Selection Committee, Arnold School of Public Health, USC*
2017 *Member, ASPH Proposal Quality Improvement Taskforce, Arnold School of Public Health, USC*
2017-2018 *Member, ASPH Student Award Selection Committee, Arnold School of Public Health, USC*
2006-2008 *President, Student Advisory Board, School of Health and Rehabilitation Sciences, U. of Pittsburgh*

DEPARTMENT

2025 *Chair, Search Committee for Open-Rank TT Position, COMD, USC*
2025 *Chair, Search Committee for Open-Rank TT Position, COMD, USC*
2024 *Member, Access to Opportunity Committee, COMD, USC*
2024 *Member, Webber Scholarship Committee, COMD, USC*
2024-present *Member, COMD MSP & CSD MS Admissions Committee, COMD, USC*
2023 *Faculty Advisor, Proseminar Planning Committee, COMD, USC*
2023 *Member, Search Committee for Grants Manager, COMD, USC*
2022-2025 *Member, Curriculum Committee, COMD, USC*
2022-2023 *Member, DEI Committee, COMD, USC*
2022 *Member, Search Committee for Clinic Director, COMD, USC*
2021 *Chair, Search Committee for Assistant/Associate Rank Child-language TT Position, COMD, USC*
2021 *Chair, Search Committee for Assistant/Associate Rank Open-focus TT Position, COMD, USC*
2020 *Member, Search Committee for Open-Rank TT Position, COMD, USC*
2020 *Member, Innovations Committee, COMD, USC*
2019 *Chair, Webber Scholarship Selection Committee, COMD, USC*
2018 *Chair, Elaine Frank Doctoral Student Fellowship Award Committee, COMD, USC*
2017-2019 *Member, COMD MSP & CSD MS Admissions Committee, COMD, USC*
2016-present *Member, PhD Committee, COMD, USC*
2013 *Member, M.S. in SLP Admissions Committee, Speech and Hearing Sciences, UNC*
2012 *Member, Professional Seminar Planning Committee, Speech and Hearing Sciences, UNC*
2011 *Member, M.S. in SLP Admissions Committee, Speech and Hearing Sciences, UNC*

PROFESSIONAL DEVELOPMENT AND SPECIALIZED TRAINING

2020 *Grant Review and Reviewer Training Program, ASHA*
2019 *Autism Diagnostic Observation Scale-2 (ADOS-2) Booster Training (Trainer: Kim Hills)*
2018 *Grant Writing “Bootcamp” Program, USC Arnold School of Public Health*
2018 *Suicide Prevention Gatekeeper Training, USC Student Services*
2018 *Faculty Success Program, National Center for Faculty Development and Diversity*
2018 *Autism Diagnostic Observation Scale-2 (ADOS-2) Booster Training (Trainer: Kim Hills)*
2017 *Getting Started Teaching Online, 8-Week Short Course, USC Center for Teaching Excellence*
2017 *Safe Zone Certification Workshop, USC Office of Multicultural Student Affairs*
2015 *Lessons for Success Research Conference in COMD, ASHA*
2014 *CardioEdit/CardioBatch Heart Activity Software, Research reliable (Trainer: Keri Heilman), UNC*
2013 *ERP Mini Bootcamp (Trainer: Steven Luck)*
2013 *Interdisciplinary Training Conference in Developmental Disabilities, NICHD*
2013 *Pathways Research-Mentoring Network Program Conference, ASHA*
2012 *Pragmatic Language Scale- School Age, Research reliable (Trainer: Rebecca Landa)*
2012 *Research-Mentoring Pair Research Symposium, ASHA*
2012 *Autism Diagnostic Observation Scale (ADOS), Research reliable (Trainer: Kaite Gotham)*

- 2011 Autism Diagnostic Interview (ADI-R), Research reliable (Trainer: Susan Risi)
2009 Phlebotomy 101, training course and supervised practice, Clinical & Translational Research Center, UNC

MEMBERSHIP

- 2020-present *Faculty Affiliate*, Office for the Study of Aging, USC
2018-present *Faculty Affiliate*, Carolina Autism and Neurodevelopment (CAN) Research Center, USC
2017-present *Member*, South Carolina Autism and Neurodevelopmental Disorders (SCAND) Consortium
2016-present *Faculty Affiliate*, Institute for Mind and Brain, USC
2013-2016 *Postdoctoral Affiliate*, Institute for Mind and Brain, USC
2010-present *Member*, American Speech-Language-Hearing Association
2005-2010 *Member*, National Student Speech-Language-Hearing Association