

Megan York Roberts, PhD, CCC-SLP

Jane Steiner Hoffman and Michael Hoffman Assistant Professor
Department of Communication Sciences and Disorders
Northwestern University
Frances Searle Building, 3-346
2240 Campus Drive, Evanston, IL 60208
Phone: 847-491-2416
megan.y.roberts@northwestern.edu
ei.northwestern.edu

Education

PhD, Education and Human Development, Vanderbilt University, Nashville, TN	2011
MS, Communication Sciences and Disorders, Emerson College, Boston, MA	2005
BA, Economics and Spanish, University of Rochester, Rochester, NY	2003

Appointments

Northwestern University <i>Jane and Michael Hoffman Assistant Professor</i> Department of Communication Sciences and Disorders Department of Medical Social Sciences by courtesy	2013-present
Vanderbilt University <i>Research Assistant Professor</i> Department of Hearing and Speech Sciences	2011-2013

Honors

Clarence Simon Award for Outstanding Teaching and Mentoring for Division III in the School of Communication	2016
Early Career Contributions in Research of the American Speech Language and Hearing Association	2015
Robert Gaylord-Ross Award for excellence in scholarly writing, Department of Special Education, Vanderbilt University	2011
American Speech Language and Hearing Association Student Research Travel Award	2009
Graduated <i>summa cum laude</i> from the University of Rochester	2003
Membership in Phi Beta Kappa Society during junior year	2002

Peer-Reviewed Publications (*student)

Roberts, M., Stern, Y., Hampton, L., Grauzer, J., Miller, A., Levin, A., Kornfeld, B., Davis, M., Kaat, A., & Estabrook, E. (in revision). Beyond pass-fail: Examining the potential utility of two thresholds in the autism screening process. *Autism Research*.

Scherr, C., Badal, H., Brooks, J., Sudec, L., & **Roberts, M.** (submitted). A qualitative study of parents' common sense model of developmental delays and early intervention. *Pediatrics*.

Jones, M., Kraus, N., Bonacina, S., Nicol, T., Otto-Meyer, S., & **Roberts, M.** (submitted). Auditory processing does not differ in toddlers with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*.

Roberts, M., Rosenwasser, J., Phelan, J., & Hampton, L. (submitted). Improving pediatric hearing testing for children with developmental disabilities: The effects of video modeling on child compliance and caregiver Stress. *Journal of the American Academy of Audiology*.

Su, L., & **Roberts, M.** (submitted). Parent language input and its relation with child early language development in children with and without hearing loss. *Journal of Early Intervention*.

Roberts, M., Curtis*, P., Estabrook, R., Norton, E., Davis, M., Burns, J., Briggs-Gowan, M., Petitclerc,

- A., & Wakschlag, L. (in press). Talking tots and the terrible twos: Early language and disruptive behavior in toddlers. *Journal of Developmental and Behavioral Pediatrics*.
- Roberts, M.** (in press). Parent-implemented communication treatment for infants and toddlers with hearing loss: A randomized pilot trial. *Journal of Speech, Language and Hearing Research*.
- Hampton*, L.H., Bloem, M.E., Meyer, K.E., Miller, A.N., Stern*, Y.S., Strauss, M.A., & **Roberts, M.** (in press). Teaching parents to effectively support child communication across routines. *DEC Recommended Practices Monograph Series No. 4 Instructional Practices: Effective Strategies to Ensure Child Development and Learning*.
- Hampton*, L., & Curtis*, P., & **Roberts, M.** (2018). Autism at a glance: A pilot study optimizing thin-slice observations. *Autism: International Journal of Research and Practice*. Advance online publication. doi: 10.1177/1362361318792872
- Curtis*, P., Frey, J., Hampton*, L., & **Roberts, M.** (2018). The impact of language disorders on children's problem behaviors: A meta-analysis. *Pediatrics*. Advance online publication. doi:10.1542/peds.2017-3551
- Feng, G., Ingvalson, E. M., Grieco-Calub, T. M., **Roberts, M.**, Ryan, M. E., Birmingham, P., Burrowes, D., Young, N., & Wong, P. C. (2018). Neural Preservation Underlies Speech Improvement from Auditory Deprivation in Young Cochlear Implant Recipients. *Proceedings of the National Academy of Sciences of the United States of America*, 115, 5, E1022-E1031.
- Roberts, M.**, & Hampton*, L. (2018). Exploring cascading effects of multimodal communication skills in infants with hearing loss. *Journal of Deaf Studies and Deaf Education*, 23, 1, 95-105. doi: 10.1093/deafed/enx041
- Hampton*, L., Kaiser, A., & **Roberts, M.** (2017). One year outcomes and predictors of language growth for toddlers with language delays: An RCT follow-up. *Pediatrics*, 140, e20163646.
- Curtis*, P., Kaiser, A., Estabrook, C., & **Roberts, M.** (2017). The longitudinal effects of early language intervention on children's problem behaviors. *Child Development*. Advance online publication. doi:10.1111/cdev.12942
- Stern*, Y., Maltman, A., & **Roberts, M.** (2017). The influence of parent pragmatics on parent use of language facilitation strategies and language skills in children with autism. *Journal of Developmental and Behavioral Pediatrics*, 38, 339-344.
- Kaiser, A., Scherer, N., Frey, J., & **Roberts, M.** (2017). The effects of enhanced milieu teaching with phonological emphasis on the speech and language skills of young children with cleft palate: A pilot study. *American Journal of Speech-Language Pathology*, 26, 1-13.
- Roberts, M.**, Hensle, T., & Brooks*, K., (2016). More than "try this at home:" Including parents in early intervention. *Perspectives of the ASHA Special Interest Groups*, 1, 130-143. doi:10.1044/persp1.SIG1.130
- Roberts, M.**, & Kaiser, A. (2015). Early intervention for toddlers with language delays: A randomized controlled trial. *Pediatrics*, 135, 686-693.
- Roberts, M.**, Kaiser, A., Wolfe, C., Bryant, J., & Spidalieri, A. (2014). The effects of the teach-model-coach-review instructional approach on caregiver use of language support strategies and children's expressive language skills. *Journal of Speech, Language, and Hearing Research*, 57, 1851-1869 doi: 10.1044/2014_JSLHR-L-13-0113
- Roberts, M.** (2014). Parenting interventions for children with cerebral palsy: Insufficient quality and quantity of evidence. *Evidence-Based Communication Assessment and Intervention*, 8, 1-4. doi: 10.1080/17489539.2014.925270
- Kaiser, A., & **Roberts, M.** (2013). Parents as communication partners: An evidence-based strategy for improving parent support for language and communication in everyday settings. *Perspectives on Language Learning and Education*, 20, 96-111.
- Wright, C., Kaiser, A., Reikowsky, D., & **Roberts, M.** (2013). Effects of a naturalistic sign intervention on expressive language of toddlers with Down syndrome. *Journal of Speech, Language, and Hearing Research*, 56, 994-1008.
- Kaiser, A., & **Roberts, M.** (2013). Parent-implemented Enhanced Milieu Teaching with preschool children with intellectual disabilities. *Journal of Speech, Language, and Hearing Research*, 56, 1-12.
- Kaiser, A., & **Roberts, M.** (2012). Advances in early communication and language intervention. *Journal of Early Intervention*, 33, 4, 298-309.
- Lipsey, M. W., Puzio, K., Yun, C., Hebert, M. A., Steinka-Fry, K., Cole, M. W., **Roberts, M.**, Anthony, K. S., & Busick, M. D. (2012). *Translating the Statistical Representation of the Effects of Education*

Interventions into More Readily Interpretable Forms. (NCSE 2013-3000). Washington, DC: U.S. Government Printing Office.

Roberts, M., & Kaiser, A. (2012). Assessing the effects of a parent-implemented language intervention for children with language impairments using empirical benchmarks: A pilot study. *Journal of Speech, Language, and Hearing Research*, 55, 1-16.

Roberts, M., & Kaiser, A. (2011). The Effectiveness of parent implemented language interventions: A meta-analysis. *American Journal of Speech Language Pathology*, 20, 180-199.

Kaiser, A., Nietfeld, J., & **Roberts, M.** (2010). Applying evidence-based practices to support communication with children who have autism spectrum disorders [Monograph]. *Young Exceptional Children*, 13, 39-53.

Book Chapters

Kaiser, A., Hampton, L., & **Roberts, M.** (2016). Parents as partners in effective communication. *Communication interventions for children with severe disabilities*. Sevcik, R., & Ronski, M. (Eds). Baltimore: Paul H. Brookes.

Kaiser, A., **Roberts, M.**, & McLeod, R. (2010). Young children with language impairments: Challenges in transition to reading. In Neuman, S. B. & Dickinson, D. K. (Eds.), *Handbook of early literacy research* (pp.153-171). New York: Guilford Press.

Other Publications

Bauer, S., & **Roberts, M.** (2016, August 17). How a family comes to terms with a diagnosis of autism. *Newswise*. Retrieved from <http://www.newswise.com/articles/how-a-family-comes-to-terms-with-a-diagnosis-of-autism>

Bauer, S., & **Roberts, M.** (2016, July 15). There is no one-size-fits-all way to treat autism. *Scientific American*. Retrieved from <http://blogs.scientificamerican.com/guest-blog/there-s-no-one-size-fits-all-way-to-treat-autism>

Bauer, S., Labroo, A., & **Roberts, M.** (2016, February 16). Happy to help: Research shows how caregiver happiness is critical as more children affected by autism. *Huffington Post*. Retrieved from http://www.huffingtonpost.com/sarah-c-bauer-md/happy-to-help-research-shows-how-caregiver-happiness-is-critical_b_9202110.html

Invited Conference Presentations

Roberts, M. (2017, April). The Road to Effective Early Language Intervention: A Translational Journey of Theory, Research and Clinical Practice. Invited talk at the Symposium on Early Language and the Brain, The Chinese University of Hong Kong.

Roberts, M. (2017, March). The effectiveness of parent-implemented language interventions for toddlers with language delays. Invited talk at the Danish Speech-Language-Hearing Association Conference, Nyborg, Denmark.

Roberts, M. (2016, November). Teaching parents to be communication partners: The effectiveness of parent-implemented interventions. Invited talk at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.

Thompson, C., **Roberts, M.**, Souza, P., & Martin-Harris, B. (2016, November). Obtaining external funds to support your research: Keys to successful grant writing. Invited talk at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.

Roberts, M. (2016, June). *Maximizing speech and language outcomes: The effects of including communication partners in treatment*. Invited talk at the NSF sponsored Multimodal Multilingual Outcomes in Deaf and Hard-of-Hearing Children Conference. Stockholm, Sweden.

Roberts, M., (2015, April). *Maximizing intervention effects: Including caregivers in early intervention*. Invited talk at the Testing, Tools and Treatment Northwestern Conference. Evanston, IL.

Roberts, M. (2015, April). *Empowering Parents to be Communication Partners*. Invited talk at the New York Speech-Language-Hearing Association Conference, Rochester, NY

Roberts, M. (2014, May). *Coaching parents to be communication partners*. Invited talk at the Calvin College Speech-Language Pathology Conference. Grand Rapids, MI.

Roberts, M. (2014, April). *Involving parents in early intervention*. Invited talk at the Indiana Speech-Language-Hearing Association Conference, Indianapolis, IN.

Peer-Reviewed Conference Presentations (*Student)

- Abowd, A., Sone*, B., Schott, S., Ignaciuk, P., Grauzer, J., Hampton, L., & **Roberts, M.** (2018, June). *Listening in: Comparing measures of child language across multiple populations*. Poster presented at the Symposium on Research in Child Language Disorders. Madison, WI.
- Curtis*, P., Kaiser, A., & **Roberts, M.** (2018, June). *Semantic development in young children with language delays: Effects of a parent-implemented language intervention*. Poster presented at the Symposium on Research in Child Language Disorders. Madison, WI.
- Hadley, P., Kaiser, A., & **Roberts, M.** (2018, June). *Early intervention and language delay profile influence toddlers' grammatical growth*. Paper presented at the Symposium on Research in Child Language Disorders. Madison, WI.
- Jones, M., Curtis, P., & Roberts, M. (2018, June). *Differences in parental electrodermal activity (EDA) in response to directed and non-directed child communication*. Poster presented at the Symposium on Research in Child Language Disorders. Madison, WI.
- Sone*, B., Abowd, A., Schott, S., Ignaciuk, P., Grauzer, J., Hampton, L., & **Roberts, M.** (2018, June). *Listening in: Comparing parent language in LENA recordings to parent-child play-based interactions across populations*. Paper presented at the Symposium on Research in Child Language Disorders. Madison, WI.
- Stern*, Y., Meyer, K., & **Roberts, M.** (2018, June). *Acoustic and gestural highlighting in maternal speech directed at infants with hearing loss*. Poster presented at the Symposium on Research in Child Language Disorders. Madison, WI.
- Badal*, H. J., Scherr, C. L., Sudec, L. J., Dolezal, A., Marshall-Fricke, C., & **Roberts, M.** (2018, April). *Sources of tension during the evaluation and therapy process among parents of children with developmental delays*. Poster presented at the Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA.
- Kaplan, S. & **Roberts, M.** (2017, November). *Prevalence and impact of math anxiety in SLP graduate students*. Poster presented at the American Speech-Language-Hearing Association Conference, Los Angeles, CA.
- Curtis*, P.R., Beckage, N.M., McWeeny*, S., & **Roberts, M.** (2017, June). *Predicting language growth in toddlers with language delay using semantic network analysis*. Poster presented at the Cognitive Network Science Symposium, Indianapolis, IN.
- Hampton*, L.H., & **Roberts, M.** (2017, May). *Optimizing the thin-slice observations for toddlers with autism*. Poster presented at the International Meeting for Autism Research in San Francisco, California.
- Lee, J., Garcia, G., Strunk, A., Stern, Y., & **Roberts, M.** (May, 2017). *Characterizing the representation of and conversation about ASD treatments on Twitter*. Poster presented at the International Meeting for Autism Research, San Francisco, California.
- Stern, Y.S., Curtis, P., & **Roberts, M.** (April, 2017). *Maternal use of infant-directed speech with children with hearing loss*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Austin, Texas.
- Cunningham, J., Quinn, E., Kaiser, A., & **Roberts, M.** (2016, November). *Exploring the impact of early intervention in toddlerhood on language and literacy skills in Kindergarten*. Poster presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- Levin, A., Phelan, J., Bauer, S., & **Roberts, M.** (2016, November). *Streamlining diagnosis for young children with significant communication delays: A collaborative model*. Paper presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- Martini*, K., Riverol*, B., Lauricella, A., Curtis*, P., & **Roberts, M.** (2016, November). *The impact of media exposure on children's language skills*. Poster presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- McHugh*, K., Kaplan, S., & **Roberts, M.** (2016, November). *The role of clinical empathy in treatment compliance*. Poster presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- Lauricella, A., Curtis*, P., & **Roberts, M.** (2016, October). *Strategically using LENA to measure*

- children's media exposure*. Paper presented at the Society for Research in Child Development Special Topics Meeting, Irvine, CA.
- Stern*, Y., Maltman, N., & **Roberts, M.** (2016, May). *Understanding how parent pragmatics influence child language in ASD*. Poster presented at the International Meeting for Autism Research, Baltimore, MD.
- Blaiser, K., & **Roberts, M.** (2015, November). *RBI meets LSL: Practical tips for supporting deaf/hard-of-hearing children in early intervention*. Paper presented at the American Speech-Language-Hearing Association Conference, Denver, CO.
- Roberts, M.**, & Kaiser, A. (2015, November). *Long-term effects of a parent-implemented language intervention for toddlers with language delays*. Paper presented at the American Speech-Language-Hearing Association Conference, Denver, CO.
- Su*, L., & **Roberts, M.** (2015, November). *Disparity between prelinguistic learning environment between children with and without hearing loss*. Poster presented at the American Speech-Language-Hearing Association Conference, Denver, CO.
- Fuller, E., Bryant, J., **Roberts, M.**, & Kaiser, A. (2014, February). *Teach-Model-Coach-Reflect approach to parent training: Examining the relationship between therapist and parent use of intervention strategies*. Poster presented at the Conference on Research Innovations in Early Intervention, San Diego, CA.
- Roberts, M.**, & Kaiser, A. (2013, November). *The effects of a parent-implemented language intervention for children with language impairment*. Poster presented at the American Speech-Language-Hearing Association Conference, Chicago, IL.
- Roberts, M.**, & Orfanedes, S. (2013, November). *Understanding problem behaviors and social skills in children with hearing loss*. Poster presented at the American Speech-Language-Hearing Association Conference, Chicago, IL.
- Bryant, J., Hampton, L., **Roberts, M.**, & Kaiser, A. (2013, May). *Evaluating the effectiveness of early interventions on social communication outcomes for young children with autism*. Poster presented at the International Meeting for Autism Research, San Sebastian, Spain.
- Hampton, L., Bryant, J., **Roberts, M.**, & Kaiser, A. (2013, May). *The effectiveness of Enhanced Milieu Teaching for toddlers with autism: A pilot study*. Poster presented at the Toddler Treatment Network Conference. San Sebastian, Spain.
- Kasari, C., Kaiser, A.P., Goods, K., **Roberts, M.**, Mathy, P., Landa, R.,...Almirall, D. (2013, May). *Adaptive intervention for communication in minimally verbal school aged children*. Paper presented at the International Meeting for Autism Research, San Sebastian, Spain.
- Bryant, J., Hampton, L., & **Roberts, M.** (2013, April). *Understanding the relationship among expressive vocabulary measures for children with autism, language delays, and typical language*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Hampton, L., Bryant, J., & **Roberts, M.** (2013, April). *Examining the overlap between early language delays and autism*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Bryant, J., Hampton, L., & **Roberts, M.**, Kaiser, A., Landa, R., & Kasari, C. (2013, March). *Examining differences in language use between parents of children with autism and typical children*. Poster presented at Gatlinburg Conference, San Antonio, TX.
- Hampton, L., Bryant, J., **Roberts, M.**, Kaiser, A., Landa, R., & Kasari, C. (2013, March). *Examining differences in language use between parents of children with autism and typical children*. Poster presented at Gatlinburg Conference, San Antonio, TX.
- Roberts, M.**, Fisher, J., & Kaiser, A. (2012, June). *Examining the relationship between linguistic complexity and dialect use in children with and without language impairments*. Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI.
- Roberts, M.**, & Kaiser, A., (2012, February). *Measuring treatment fidelity in a triadic intervention model*. Poster presented at the Conference on Research Innovations in Early Intervention, San Diego, CA.
- Camarata, S., **Roberts, M.**, Goldstein, H., & Wilcox, J. (2011, November). *Measuring early communication outcomes*. Paper presented at the American Speech-Language-Hearing Association Conference, San Diego, CA.
- Jordan, S., Thrower, S., **Roberts, M.**, & Kaiser, A. (2011, November). *Play, language, and joint engagement in toddlers at risk for autism*. Poster presented at the American Speech-Language-Hearing Association Conference, San Diego, CA.

- Lackey, L., **Roberts, M.**, Kaiser, A. (2011, November). *The effectiveness of a parent-implemented intervention on parental stress: The relationship between adult depression, attachment, and competence on child outcomes*. Poster presented at the Annual Convention of the Tennessee Psychological Association, Nashville, TN.
- Roberts, M.**, & Kaiser, A. (2011, November). *Effects of a parent-implemented intervention for toddlers with language impairments*. Poster presented at the American Speech-Language-Hearing Association Conference, San Diego, CA.
- Scherer, N., Kaiser, A., **Roberts, M.**, & Mullins, K. (2011, November). *Parent and child characteristics of young children with cleft palate*. Poster presented at the American Speech-Language-Hearing Association Conference, San Diego, CA.
- Kaiser, A., **Roberts, M.**, Wright, C., Nietfeld, J., & Mullins, K. (2011, May). *Enhanced Milieu Teaching: An effective language intervention for young children with language delays*. Paper presented at the International Society of Early Intervention, New York, NY.
- Roberts, M.** & Kaiser, A. (2011, May). *Long-term outcomes for children with language delays: A rationale for early intervention*. Poster presented at the International Society of Early Intervention, New York, NY.
- Roberts, M.**, Kennon, K., & Kaiser, A. (2011, April). *Toddlers with and without language delays: Differences in parent-child interactions and child characteristics*. Poster presented at the Society for Research in Child Development, Montreal, Quebec.
- Kaiser, A., & **Roberts, M.**, (2011, April). *Early language intervention for children with intellectual disabilities: A comparison of treatments*. Poster presented at the Society for Research in Child Development, Montreal, Quebec.
- Roberts, M.**, Wright, C., & Kaiser, A. (2010, November). *Parent training: Specific strategies beyond "try this at home."* Paper presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- Roberts, M.**, Kaiser, A., Hoffer, K., & Mullins, K. (2010, November). *Predicting persistent language delays in young African American children*. Poster presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- Kaiser, A., **Roberts, M.**, Camarata, S., Goldstein, H., & Law, J. (2010, November). *Moving our understanding of language and behavior forward*. Paper presented at the American Speech-Language-Hearing Association Conference, Philadelphia, PA.
- Kaiser, A., Dickinson, D., Hofer, K., **Roberts, M.**, Darrow, C., McLeod, R. & Freiberg, J. (2010, June). *The effects of two language-focused preschool curricula on children's achievement in preschool and kindergarten*. Poster presented at the Institute of Education Sciences Conference, Washington, D.C.
- Lipsey, M., Puzio, K., Yun, C., Hebert, M., Steinka-Fry, K., Cole, M., **Roberts, M.**, Anthony, K., & Busick, M. (2010, June). *Beyond p-values: Characterizing education intervention effects in meaningful ways*. Paper presented at the Institute of Education Sciences Conference, Washington, D.C.
- Roberts, M.**, Kaiser, A., Wolfe, C., Bryant, J., & Spidalieri, A., (2010, June). *Parent-implemented Enhanced Milieu Teaching for young children with language delays*. Poster presented at the Institute of Education Sciences Conference, Washington, D.C.
- Kaiser, A., **Roberts, M.**, & Wright, C. (2010, April). *Enhanced Milieu Teaching: An evidenced-based early communication intervention*. Paper presented at the Council on Exceptional Children Conference, Nashville, TN.
- Roberts, M.**, & Kaiser, A. (2010, February). *Generalized effects of parent-implemented Enhanced Milieu Teaching across twins with language delays*. Poster presented at the Conference on Research Innovations in Early Intervention, San Diego, CA.
- Roberts, M.** (2010, January). *Meta-analysis: A useful research methodology for special education and disability research*. Paper presented at Indiana University's Special Education Research Seminar, Bloomington, IN.
- Roberts, M.**, & Kaiser, A. (2009, November). *The effectiveness of parent-implemented language interventions: A meta-analysis*. Poster presented at the American Speech-Language-Hearing Association Conference, New Orleans, LA.
- Roberts, M.**, McLeod, R., Kaiser, A., & Hancock, T. (2009, April). *The effect of language sampling elicitation method on measures of linguistic complexity*. Poster presented at the Society for

Research in Child Development, Denver, CO.

Kaiser, A., **Roberts, M.**, Feeney-Kettler, K, Frey, J. & Hemmeter, M. (2009, October). *The relationship between language and behavior in preschool children: Evidence from a meta-analysis*. Paper presented at the Division on Early Childhood Annual Meeting, Albuquerque, NM.

Roberts, M., McLeod, R., Kaiser, A., & Hancock, T. (2008, November). *A comparison of three language sampling elicitation methods*. Poster presented at the American Speech-Language-Hearing Association Conference, Chicago, IL.

McLeod, R., **Roberts, M.**, Hancock, T., & Kaiser, A. (2008, June). *Generalization of teacher skills and child outcomes after coaching and data-based feedback*. Poster presented at the Institute of Education Sciences Conference, Washington, D.C.

McLeod, R., **Roberts, M.**, & Kaiser, A. (2008, February). *Effects of coaching and data-based feedback on teacher implementation of Enhanced Milieu Teaching*. Poster presented at the Conference on Research Innovations in Early Intervention, San Diego, CA.

Ongoing Research Support

R01DC014709 (NIDCD) Roberts (PI) 08/01/2015 – 07/31/2020

The Role of Parent Phenotype in Parent-Mediated Language Interventions for Autism.

This study examines how specific parent characteristics influence outcomes of two different parent-mediated language interventions for toddlers with autism.

R324A150094 (IES) Kaiser & Roberts (Multiple PIs) 07/01/2015 – 06/30/2019

An Efficacy Trial of J-EMT: Enhanced Milieu Teaching Language Intervention plus Joint Attention, Engagement and Regulation Intervention for Toddlers with Autism.

This project examines the effects of a parent-mediated naturalistic early intervention on social communication outcomes for toddlers with autism.

R01DC016273 (NIDCD) Norton & Wakschlag (PI) 04/01/2018 – 03/31/2023

The When to Worry about Language Study (W2W-L): Joint consideration of developmental patterning and neural substrates for enhancing early identification of language impairment.

The proposed project will use a novel multi-level neurodevelopmental approach to characterize emergent language patterns from 18-36 months in order to develop a scientifically validated toolkit for reliable differentiation of those toddlers at highest risk for persistent language impairment.

R01MH107652 (NIMH) Wakschlag (PI)

03/02/2016 – 02/28/2021

Generating an Earlier Science of When to Worry: A Neurodevelopmental, Transactional Approach to Characterizing Irritability Patterns Beginning in Infancy.

This study proposes longitudinal and neural approaches for differentiating the onset of atypical irritability pathways beginning in infancy.

R324A160193 (IES) Ingvalson (PI) 07/01/2016 – 06/30/2020

Training-Induced Language and Literacy Improvements in Children with Cochlear Implants.

This study examines the effects of teaching phonological awareness and working memory skills on the language, executive function and literacy skills of children with cochlear implants.

U24OD023319 (NIH) Gershon (PI) 09/21/2016 – 08/31/2019

Resource: A Developmentally-Based Measurement Science Framework for Assessing Environmental Exposure and Health

The overall objective of the ECHO consortium is to capture the adverse impact of early environmental exposures on children's health by bringing together several existing studies of the influence of the environment on prenatal, postnatal and early childhood health.

Previous Research Support

NU Alumni Association Roberts (PI) 09/01/2015 – 08/31/2016

Improving Early Access to Intervention for Toddlers with Autism Spectrum Disorders

The purpose of this project was to: (a) provide undergraduate and graduate students hands-on experience evaluating, treating and researching children with autism, (b) provide families with access to immediate treatment following an autism diagnosis, and (c) empirically evaluate the efficacy of a new model of service delivery for toddlers with autism.

R324A090181 (IES) Kaiser (PI) 09/01/2013 – 06/30/2015

An Efficacy Trial of Enhanced Milieu Teaching Language Intervention with Language Delayed Toddlers.

This research study tests a theoretically and empirically derived treatment approach aimed at facilitating change in receptive and expressive language for young children with expressive and receptive language impairments.

Role: PI, subcontract

R03DC012639 (NIDCD) Roberts (PI) 09/01/2012-08/30/2016

Pre-Implantation Communication Treatment for Children with Hearing Loss.

This study examines the effects of systematically teaching parents to use visual, tactile, responsive and interactive communication support strategies on pre-implantation prelinguistic communication and post-implantation spoken language skills.

NIH, Clinical Research Loan Repayment Program (LRP) Grant 10/01/2014 – 09/30/2016

Teaching Parents to be Communication Partners for Children with Language Impairments. This is a peer-reviewed competition in which NIH repays a percentage of student loans for researchers.

Applicants are evaluated based on: (a) their previous research training, (b) previous and future research activities, and (c) commitment to a research career.

Courses Taught

Northwestern University

CSD 458 Scientific Clinical Decision Making (Winter 2014, Fall 2015, Fall 2016, Summer 2017)

This course includes the exploration of current best evidence in making decisions about the assessment and treatment of individuals with communication disorders and an overview of different research methodologies. Emphasis is on the integration of research evidence and critical thinking into clinical practice. Students complete weekly group projects in which they apply the topic of the week to a specific research article or activity.

CSD 339 Early Communication Intervention with Infants and Toddlers (Winter 2014, Spring 2015, Winter 2016, Winter 2018)

This course provides information on issues and practices related to early intervention and working with families who have children with special needs. Topics include family and professional relationships, models of working with families, service coordination, family assessment and the IFSP, promoting family participation, coaching, media and technology and cultural considerations. Weekly lab assignments are video recorded clinical scenarios in which student analyze and apply the target skill for the week.

CSD 207 Seminar in Communication Sciences and Disorders: Communication: Beyond Talking (Spring 2014)

This seminar focuses on understanding barriers to communication for individuals with communication disorders from the different perspectives for individuals who have difficulty communicating (e.g., children with autism, adults with aphasia, people who stutter etc). Special attention is given to how communication disorders influences one's ability to engage in everyday life tasks and interactions. Students participate in weekly simulations and case-based learning activities to gain experience understanding the complexities and difficulties of having a communication disorder.

SPED 3030 *Advanced Issues in Family Intervention* (Fall 2011, Fall 2012)

This course covers information on issues and practices related to families with children who have special needs. Topics include definition and history of family, family and professional relationships, professional ethics, models of working with families, service coordination, family assessment and the IFSP, promoting family participation in the IEP, and IDEA.

SLP 5330 *Research Methods in Communication Disorders* (Spring 2013)

The purpose of this course is to provide research skills necessary to determine best clinical practice. The emphasis of this course is applied research methodology and the principles of evidence-based practice in communication disorders. This course provides an overview of different research methodologies as well as tools to evaluate the quality of different types of research studies.

Advising

Postdoctoral

Lauren Hampton	2016 –
present	
Meital Avivi-Reich	2016 – present

Predocctoral

Phillip Curtis	2014 – present
Yael Stern	2014 – present

Additional Graduate Research Advising (doctoral committees)

Max Freeman	2013 – 2018
Brittany Manning	2016 – present
Sean McWeeny	2016 – present

Master's Speech, Language, Learning

Jordan Lee (Thesis)	2016-2017
Kelly McHugh (SPARC)	2015-2016

AuD Capstone

Stephanie Borio	2017-2018
Jennifer Rosenwasser	2016-2017

Undergraduate Research Mentoring and Advising

Evenlyn Hudson (undergraduate thesis)	2017-2018
Bridget Riverol (undergraduate thesis)	2016-2017
Samantha Sophiea-Fairmont (undergraduate thesis)	2016-2017
Katherine Martini (undergraduate thesis)	2016-2017
Pumpki Su (SPARC)	2014-2015
Kathryn Prescott (undergraduate thesis)	2014-2015
Devon Brunson (Mentor for the Leadership Alliance Summer Research)	2012

Clinical Fellowship Supervisor

Molly Strauss	2016 – 2017
Katherine Meyer	2015 – 2016

Clinical Practicum Supervisor

Alison Braun	2017
Nell Maltman	2016
Molly Strauss	2016
Meghan Phillips	2013
Tonia Davis	2012
Hailey Higdon	2012
Stephanie Jordan	2011
Suzanne Thrower	2009

Certification, Licensure, Training

Illinois Early Intervention Evaluator
Illinois Early Intervention Credential in Developmental Therapy
Illinois Early Intervention Credential in Speech-Language Pathology
ASHA Grant Review and Reviewer Training
Illinois licensed speech-language pathologist
Autism Diagnostic Observation Schedule Research Training
Autism Diagnostic Observation Schedule Clinical Training
Pre-Elementary Educational Longitudinal Study (PEELS) training
Hanen Parent Program certification
National Early Intervention Longitudinal Study (NEELS) training
ASHA Certificate of Clinical Competence in speech-language pathology

Professional Memberships

American Society of Speech Language and Hearing Research

University Service

Northwestern University

Co-Director of the DevSci Institute's Center for Research Incubation	2016-present
NUCASLL Electronic Medical Record Committee	2016-present
Co-Chair Clinical Research Committee	2015-present
Search Committee for Health Communications Faculty Hire	2015
Co-Founder and Member, Developmental Diagnostic Program	2014-present
Co-Chair, Speech Language and Learning Curriculum Committee	2014-present
Member, Search Committee for CSD Lecturers	2014

Vanderbilt University

Judge for <i>Vanderbilt Kennedy Center Science Day</i>	2013
Advisor to the National Student Speech Language Hearing Association	2012
Renovation Committee for the Vanderbilt Kennedy Center	2010

Professional Service

Member of the Illinois Department of Human Services Illinois Autism Task Force

Adhoc Journal Reviewer

American Journal of Speech Language Pathology

British Medical Journal
Child: Care, Health & Development
Child Development
Clinical Child and Family Psychology Review
Developmental Neuropsychology
Early Childhood Services: A Journal of Effectiveness
Early Childhood Research Quarterly
Exceptional Children
International Journal of Language & Communication Disorders
Journal of Early Intervention
Journal of Pediatrics
Journal of Speech, Language, and Hearing Research
Pediatrics
Perspectives on Psychological Science
Research and Practice for Persons with Severe Disabilities
Topics in Early Childhood Special Education

Guest Editor

Perspectives of the ASHA Special Interest Groups – SIG 1 2016

Conference Reviewer

American Speech-Language-Hearing Association: “Language in Infants,
 Toddlers and Preschoolers” review committee member 2018, 2016, 2014,
 2013, 2011
 Early Hearing Detection & Intervention: “Workforce Issues” review committee
 member 2012

Grant Reviewer

American Speech-Language-Hearing Association Grant Reviewer 2016, 2018

Committee Member

American Speech-Language-Hearing Association Committee on Clinical
 Research, Implementation Science, and Evidence-Based Practice 2014-2017
 Illinois ACT Early Committee 2018-present

Continuing Education Professional Trainings

Roberts, M. (January 2017-December 2017). *Current research in early intervention*. Weekly journal club at Northwestern University, Evanston, IL.
Roberts, M. (2017, December). *Teaching responsiveness to caregivers using the coaching model*. Talk presented at a continuing education webinar.
 Strauss, M.A., Sudec, L.J., & **Roberts, M.** (2017, August). *Early intervention research*. Talk presented at Chicago ABA Therapy in Chicago, IL.
 Meyer, K.E., Strauss, M.A., & **Roberts, M.** (2017, June). *Implementing parent coaching in early intervention*. Training presented at Northwestern in Evanston, IL.
 Meyer, K.E., Strauss, M.A., & **Roberts, M.** (2017, June). *Implementing parent coaching in early intervention*. Training presented at a continuing education event for CFC 10 at the Avalon Public Library in Chicago, IL.
Roberts, M., Sadler, J., Levin, A., & Patrick E. (2016, October). *Life Animated: Understanding autism from different perspectives*. Film screening discussion at Northwestern University. Evanston, IL.
Roberts, M. (2016, June). *Navigating early signs of ASD: What to look for and how to discuss with parents*. Training presented at Northwestern University. Evanston, IL.

Roberts, M. (2016, April). *Language facilitation strategies*. Training presented at the Call for All, Hands and Voices. Springfield, IL

and voice, Springfield, IL.

- Roberts, M.** (2015, September). *Reliability and procedural fidelity when administering assessments to children with autism*. Training presented at Northwestern University. Evanston, IL.
- Kaiser, A. & **Roberts, M.** (2011, June). *KidTalk: Naturalistic communication intervention for young children*. Training presented at the Minnesota Early Intervention Summer Institute, St. John's University, Collegeville, MN.
- Roberts, M.** (2011, April). *KidTalk: Naturalistic communication intervention strategies for teachers of young children*. Training presented at the Together We Will Conference. Cromwell, CT.
- Kaiser, A., & **Roberts, M.** (2011, March). *KidTalk: Naturalistic communication intervention for young children*. Training presented at Summit Educational Resources. Depew, NY.
- Kaiser, A., & **Roberts, M.** (2010, June). *KidTalk: Naturalistic communication intervention for young children*. Training presented at the Minnesota Early Intervention Summer Institute, St. John's University, Collegeville, MN.