

MARIANNE ELMQUIST

Curriculum Vitae
Department of Educational Psychology
University of Minnesota-Twin Cities
250 Education Science Building
56 E River Rd, Minneapolis 55455
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EDUCATION

- 2021-2023 **NIH Postdoctoral Fellow**
Waisman Center
University of Wisconsin – Madison
Mentors: Drs. Katie Hustad, Audra Sterling & Jenny Saffran
- 2021 **Ph.D. Educational Psychology- Special Education**
Department of Educational Psychology
University of Minnesota-Twin Cities, Minneapolis, MN
Advisor: Dr. Scott McConnell, Ph.D.
- 2015 **B.A., Speech-Language-Hearing-Sciences**
Department of Speech-Language Hearing Sciences
University of Minnesota – Twin Cities, Minneapolis, MN
- Autism Spectrum Disorder Certificate**
Department of Educational Psychology
University of Minnesota-Twin Cities, Minneapolis, MN

PUBLICATIONS

Refereed Journal Articles

- Simacek, J., **Elmquist, M.**, Dimian, A. F., & Reichle, J. (2020). Current trends in telehealth applications to deliver social communication interventions for young children with or at risk for autism spectrum disorder. *Current Developmental Disorders Reports*, 1-9.
- Elmquist, M.**, Finestack, L. H., Kriese, A., Lease, E. M., McConnell, S.R. (2020). Parent education to improve early language development: A preliminary evaluation of LENA StartTM. *Journal of Child Language*
- Ford, A. L., **Elmquist, M.**, Merbler, A. M., Kriese, A., Will, K. K., & McConnell, S. R. (2020). Toward an ecobehavioral model of early language development. *Early Childhood Research Quarterly*, 50, 246-258.
- Will, K. K., McConnell, S. R., **Elmquist, M.**, Lease, E. M., & Wackerle-Hollman, A. (2019). Meeting in the Middle: Future Directions for Researchers to Support Educators' Assessment Literacy and Data-Based Decision Making. *Frontiers in Education*, 4:106, doi: 10.3389/feduc.2019.00106

- Elmquist, M.,** Simacek, J., Dimian, A. F., & Reichle, J. (2019). Impact of aided AAC interventions on speech comprehension of children with neurodevelopmental disabilities: A critically appraised topic. *Evidence-Based Communication Assessment and Intervention*, 13(1-2), 67-84.
- Pennington, B., Simacek, J., McComas, J., McMaster, K., & **Elmquist, M.** (2019). Maintenance and generalization in functional behavior assessment/behavior intervention plan literature. *Journal of Behavioral Education*, 28(1), 27-53.
- Dimian, A. F., **Elmquist, M.,** Reichle, J., & Simacek, J. (2018). Teaching communicative responses with a speech-generating device via telehealth coaching. *Advances in Neurodevelopmental Disorders*, 2(1), 86-99.
- Simacek, J., Reichle, J., Byiers, B. J., Parker-McGowan, Q., Dimian, A. F., & **Elmquist, M.** (2018). Promoting conditional use of communication skills for learners with complex communication needs: A tutorial. *American journal of speech-language pathology*, 27(2), 519-535.
- Benson, S. S., Dimian, A. F., **Elmquist, M.,** Simacek, J., McComas, J. J., & Symons, F. J. (2018). Coaching parents to assess and treat self-injurious behaviour via telehealth. *Journal of Intellectual Disability Research*, 62(12), 1114-1123.

Technical Reports

- Will, K., McConnell, S., Albano, A., **Elmquist, M.,** Lease, E., Wackerle-Hollman, A., (2021). Research and development of an oral language measure for 3-year-old children: Expanding individual growth & development indicators of language and early literacy for universal screening in multi-tiered systems of support with 3-year-olds. (Technical Report #9). Minneapolis, MN.

FELLOWSHIPS/AWARDS

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|-----------|--|
| 2019-2021 | Bridging the Word Gap Research Network Emerging Scholar Mentor: Dr. Ann Kaiser |
| 2016-2017 | Pre-doctoral Fellow, Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Mentors: Drs. Joe Reichle and Jessica Simacek |

CONFERENCE ACTIVITY/PARTICIPATION

Presentations

- Elmquist, M.,** Simacek, J.J., Ganz, J.B., Reichle, J., Hong, E.R., Wattanwongwan, S., & Pierson, L. Parent-Implemented Augmentative and Alternative Communication Interventions for Children with Autism and Intellectual Disabilities: Systematic Review. In Wattanawongwan, S. (Chair) *Augmentative and Alternative Communication for Individuals With Complex Communication Needs: Systematic Reviews of Critical Factors* [Symposium]. Association for Behavior Analysis International 46th Annual convention, Virtual conference (2020)
- Simacek, J.J., **Elmquist, M.,** Ganz, J.B., Reichle, J., Wattanawongwan, S., Pierson, L., Hong, E.R., Telehealth use in Augmentative and Alternative Communication intervention: A systematic review. In Wattanawongwan, S. (Chair) *Augmentative and Alternative Communication for*

Individuals With Complex Communication Needs: Systematic Reviews of Critical Factors [Symposium]. Association for Behavior Analysis International 46th Annual convention, Virtual conference (2020)

Elmquist, M., Ford, A.L.B., Larson, A. Greenwood, C.R. *Toward an ecobehavioral model of language development: Implications for research and practice* [Conference Session]. Conference on Research Innovations in Early Intervention, San Diego, CA (2020)

Ford, A.L.B., **Elmquist, M.,** Merbler, A.M., Kriese, A., Will, K.K., & McConnell, S.R. *An ecobehavioral model of language development to guide early intervention: What, how, and why.* [Paper presentation]. American Speech-Language-Hearing Association National Convention, Orlando, FL. (2019)

Reichle, J., Simacek, J., Dimian., Parker McGowan, Q., **Elmquist, M.,** In-home positive behavior support: Functional communication for children via telehealth. [Conference session]. 22nd Annual Minnesota Autism Conference (2017)

Posters

Elmquist, M., Will, K., Albano, A., Lease, E., McConnell, S.R., Wackerle-Hollan, A. Assessing Early Literacy Growth and Development in Three-year-olds using Individual Growth and Development Indicators. Society for Research in Child Development Biennial Meeting (2021 - virtual)

Will, K., **Elmquist, M.,** Albano, A., Wackerle-Hollman, A., Lease, E., McConnell, S.R. Scaling oral language measures to evaluate 3-year-olds' developing skills. Division of Early Childhood 36th Annual conference (2020 delayed 2021 - virtual)

Kuchler, K., **Elmquist, M.,** McConnell, S.R., Finestack, L., Lease, E. A community based preliminary evaluation of LENA Start™: Promoting responsive parent-child interactions. Conference on Research Innovations in Early Intervention, San Diego, CA (2020)

Lease, E., **Elmquist, M.,** Will, K., McConnell., S.R. Redefining the word gap: The role of cumulative risk on home language environment. Conference on Research Innovations in Early Intervention, San Diego, CA (2020)

Kriese, A., **Elmquist, M.,** Korital, A., Kuchler, K., Lease, E., McConnell, S., Finestack, L. Evaluating Effect of a Parent Education Intervention to Promote Early Child Language Development. American Speech–Language–Hearing Association Convention (2019)

Elmquist, M., Finestack, L., Lease, E., Kriese, A., McConnell, S. Parent education to promote early language development: A community-based evaluation of LENA Start™, International Society for Early Intervention (2019).

Will, K., **Elmquist, M.,** Lease, E., Wackerele-Hollman, A., Albano, A., McConnell, S. Starting early to go far: Language and early literacy assessment for three-year-olds, International Society for Early Intervention (2019).

Elmquist, M., Lease, E., McConnell, S., Finestack, L., Kriese, A. Evaluating LENA Start™: Effects on Parent and Child Language from a Standardized Parent Education Program, Invited Poster to the Bridging the Word Gap Research Network Preconference at Society for Research in Child Development (2019).

- Elmquist, M.**, Finestack, L., Kriese, A., McConnell, S., Lease, E. Evaluating Effect of a Parent Education Intervention to Promote Language Development for Infants and Toddlers, American Speech–Language–Hearing Association Convention (2018)
- Simacek, J., McComas, JJ., Dimian, AF., Pennington, B., **Elmquist, M.** Programming Functional Communication Training for Persistence: Requests during Extinction Following Fixed and Variable Reinforcement Schedules For Two Participants with Autism, 55nd Annual Gatlinburg Conference (2018)
- Elmquist, M.**, Lease, E., McConnell, S., Scaling up evidence based practices: A LENA Start™ example, Conference for Research Innovations in Early Intervention (2018)
- McConnell, S., Lease, E., **Elmquist, M.** Starting with start: Building a broad and sustainable infrastructure for research and intervention, Biennial LENA Research Conference (2017)
- Dimian, A., Simacek, J., **Elmquist, M.**, Reichle, J., Functional communication training using high-tech AAC devices for children with developmental disabilities via telehealth coaching, Association for Behavior Analysis International 43rd Annual convention (2017)
- Dimian, A., **Elmquist, M.**, Reichle, J., Simacek, J., An application of an early communication intervention with a high-tech AAC device via telehealth, Association of University Centers on Disabilities annual conference (2016)

OTHER PRESENTATIONS/WORKSHOPS

- Will, K., & **Elmquist, M.** (2018, November). *Age 3 IGD I Study: Objectives for 2018-2019*. Presentation to early childhood educators at Mounds View Early Childhood Education Center, New Brighton, MN.
- Elmquist, M.**, Zieffler, A. (2019, November). *R Blogdown workshop: Creating websites with R*. Workshop for students and faculty of Educational Psychology Department, University of Minnesota, MN.

TEACHING EXPERIENCE

Teaching Assistant

Introduction to Augmentative and Alternative Communication (1 credit, online) (Fall '17-Spring '18)

RESEARCH EXPERIENCE

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|-------------|---|
| 2018 – 2021 | <i>IGDIS – PK3, Extension of Individual Growth and Development Indicators (IGDIS)</i> Drs Wackerle-Hollman & McConnell (PI) Role: Graduate Research Assistant |
| 2017- 2021 | <i>LENA Start™ Smarter Happier Baby Evaluation</i> Drs. McConnell & Finestack (PI) Role: Graduate Research Assistant |

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| 2016-2017 | <i>Developing an Intervention Model for Complex Communication Needs in Rett Syndrome.</i> Dr. McComas (PI) Role: Graduate Research Assistant |
| 2015-2016 | <i>Communication Intervention for Children with Severe Neurodevelopmental Disabilities: An Application of Telehealth as a Service Delivery Mechanism</i> Dr. McComas (PI) Role: Undergraduate Research Assistant |

MEMBERSHIPS IN PROFESSIONAL & SCIENTIFIC ASSOCIATIONS

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| 2016 – present | Association for Behavior Analysis |
| 2019 – present | Society of Research in Child Development |
| 2020 – present | Council for Exceptional Children (Divisions for Early Childhood & Communication, Language, Deaf/Hard of Hearing) |

SERVICE

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| 2020- Present | Invited reviewer for Journal of Early Intervention |
| 2020- Present | Invited reviewer for Journal of Child Language |

NONACAMEDIC WORK

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|------------------------|--|
| 2014-2016 | Direct service provider/mental health practitioner level 2, Integrated Development Services, USA |
| 2011-2013 | Line Therapist, Wisconsin Early Autism Project, USA |
| 2011-2013 | Home support worker, Options in Community Living, USA |
| 2008-2009 2010-2011 | Intern, Community Homestead, USA |
| 2009-2010 | Learning Support Assistant, Barnsley College, UK |