

MARIA L. HUGH, Ph.D., BCBA

Curriculum Vitae

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EDUCATION

- 2020 **Ph.D., Educational Psychology**
Department of Educational Psychology
University of Minnesota-Twin Cities, Minneapolis, MN
Advisor: LeAnne Johnson, Ph.D.
Program: Special Education
Dissertation: *Exploring Determinants of Early Childhood Special Educators' Practice Selections for Young Children with Autism Spectrum Disorder*
- 2014 **M.Ed., Special Education and Applied Behavior Analysis**
Department of Special Education, Peabody College of Education
Vanderbilt University, Nashville, TN
Major Emphasis: Early Childhood Special Education
Advisors: Ann Kaiser, Ph.D., Mark Wolery, Ph.D.
Thesis: *Teaching Generalized Peer Motor Imitation to a Young Child with Autism Spectrum Disorder*
- 2012 **B.A., Cognitive Science**
Department of Cognitive Science
Case Western Reserve University, Cleveland, OH
Advisor: Anastasia Dimitropoulos, Ph.D.
Capstone Research: *Discrepancy between Parent Report and Clinician Observation of Symptoms in Children with Autism Spectrum Disorders*

ACADEMIC EMPLOYMENT HISTORY

- 2020-Present **Postdoctoral Research Fellow**
Institute for Educational Sciences: PIs: Eric Bruns, PhD., Aaron Lyon, PhD.
University of Washington, SMART Center
- 2016 - 2020 **National Center for Leadership in Intensive Intervention Scholar**
OSEP Grant# H325H140001 (PIs: Joseph Wehby & Christopher Lemons)
PIs: LeAnne Johnson, PhD.; Veronica Fleury, PhD., BCBA-D
University of Minnesota, Department of Educational Psychology
- 2018-2020 **Teaching Specialist/Instructor**
Early Childhood Special Education Courses (Graduate and Undergraduate)
University of Minnesota, Department of Educational Psychology
- 2018 **Adjunct University Student Teaching Supervisor**
University of St. Thomas, Department of Special Education
- 2015-2016 **Clinical Instructor & Autism Specialist**
TEACCH Autism Program, Department of Psychiatry

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University of North Carolina at Chapel Hill, School of Medicine

- 2014-2015 **Educational/Behavioral Consultant**
Treatment and Research Institute for Autism Spectrum Disorders (VKC-TRIAD)
Vanderbilt University Medical Center
- 2012-2014 **Autism Leadership Graduate Trainee**
Preparation for Personnel Serving Young Children with Autism and Their
Families (OSEP #H325K090124, PIs: Mark Wolery & Ann Kaiser)
Vanderbilt University Medical Center, Vanderbilt University Peabody College
- 2010-2012 **Lab Coordinator & Research Assistant**
PI: Anastasia Dimitropoulos, PhD
Case Western Reserve University, Department of Psychology

RELATED COMMUNITY-BASED EMPLOYMENT

- 2018 – 2020 **Data & Professional Development Consultant**
Minnesota Department of Education & Minnesota Centers of Excellence for
Young Children with Disabilities

PUBLICATIONS

Peer-Reviewed Publications

- Hugh, M.L.**, Johnson, L. J. & Fleury, V. P. (2020) Dissemination and decision-making: Factors related to pre-service practitioners' selection of practices for students with autism. *Education and Training in Autism and Developmental Disabilities*.
- McMaster, K., Baker, K., Donegan, R., **Hugh, M. L.**, & Sargent, K. (2020). Professional Development to Support Teachers' Implementation of Intensive Reading Intervention: A Systematic Review. *Remedial and Special Education*. doi: [10.1177/0741932520934099](https://doi.org/10.1177/0741932520934099)
- Fleury, V. & **Hugh, M.L.** (2018) Exploring engagement in shared reading activities between children with autism spectrum disorder and their caregivers. *Journal of Autism and Developmental Disabilities*, (48), 3596-3607. Doi: 10.1007/s10803-018-3632-8
- Johnson, L., Ford, A. & **Hugh, M.L.** (2018) Maximizing Meetings with TIPS: Tools and Tricks for Meaningful Data Use, *Young Exceptional Children Monograph Series: Instructional Practices: Effective Strategies to Ensure Child Development and Learning*.
- Dimitropoulos, A., Ferranti, A. & **Lemler, M.** (2013). Expressive and receptive language in Prader-Willi syndrome: Report on genetic subtype differences. *Journal of Communication Disorders*, 46(2), 193-201. Doi: <http://dx.doi.org/10.1016/j.jcomdis.2012.12.001>

Other publications

- Hugh, M. L.**, Conner, C., & Stewart, J. (2018) Using visual activity schedules to intensify academic interventions for young students with autism. Intensive Intervention Practice Guide, *National Center for Leadership in Intensive Intervention*. <http://nclii.org/wp-content/uploads/2018/04/Using-Visual-Activity-Schedules.pdf>
- Lemler, M.** (2012) Discrepancy between parent report and clinician observation of symptoms in children with autism spectrum disorders. *Discussions Undergraduate Research Journal: Case Western Reserve University*, 8(2), 30-39.
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AWARDS AND HONORS

2016	Russel W. Burris Award- University of Minnesota
2012	Cum Laude, Case Western Reserve University (CWRU)
2011	1 st Place in Social Sciences Undergraduate Research, CWRU
2011	Dorothy M. Pijan Outstanding Program Award: Words Matter, CWRU
2011	Outstanding Leader Award, CWRU
2008	Leadership in Community Service Award, Evanston Township HS

GRANTS

2016	Autism Speaks Local Grant for “The Science of Autism” An Inclusive Awareness & Understanding Event- \$3,600
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PRESENTATIONS, POSTERS, AND EXHIBITS: Peer-Reviewed Conferences

- Johnson, L., **Hugh, M. L.**, Ford, A.B., Rudolph, B. & Young, K. (2020) *Developing an Observation System for Measuring Classroom Ecology and Children's Active Engagement*. Conference on Research Innovations in Early Intervention Poster Presentation, San Diego, CA (March 2020)
- Ford, A.B., Johnson, L., **Hugh, M.L.** & Young, K. (2019). *Opportunities to Respond in Inclusive Preschool Environments: The What, Why, and How*. Presentation at Division of Early Childhood Annual Conference (October 2019).
- Johnson, L., **Hugh, M. L.**, Ford, A. L. B. & Rudolph, B. (2019) Observing and Coaching Classroom Interactions that Promote Active Engagement; Presentation at Division of Early Childhood Annual Conference (October 2019).
- Sargent, K., **Hugh, M.L.** & McMaster, K. (2019) *Implementing Intensive Reading Intervention: Professional Development*. Poster at Pacific Coast Regional Conference, San Diego, CA (February 2019).
- Johnson, L., Rudolph, B., **Hugh, M.L.** & Ford, A (2019). Observing and Promoting Interactions that Support Active Engagement. Association for Positive Behavioral Supports Annual Conference, (February, 2019)
- Johnson, L., Rudolph, B., Ford, A. & **Hugh, M.L.** (2019). Gathering and Using Data within Early Childhood Teams: Solutions Using Cloud Technology. Association for Positive Behavioral Supports Annual Conference, (February, 2019)
- Hugh, M.L.** & Fleury, V. P. (2019) *Dissemination and decision-making: Pre-service practitioners' selection of practices for students with autism*. Poster at Council for Exceptional Children, Indianapolis, IN (Jan. 2019)
- Hugh, M. L.**, Conner, C., & Stewart, J. (2018) *Using visual activity schedules to intensify academic interventions for young students with autism*. Poster at Council for Exceptional Children, Indianapolis, IN (Jan. 2019)
- Hugh, M.L.**, Baker, K., Sargent, K., Donegan, R., & McMaster, K. (2018) *Implementing Intensive Reading Intervention: Professional Development*. Poster at Office of Special Education Programs Conference, Arlington, VA (July 2018).
- Hugh, M.L.**, Johnson, L. & Fleury, V. F. (2018). *Measuring and Defining Engagement for Young Children with Developmental Disabilities During Free Play: A Systematic Review*. Conference on Research Innovations in Early Intervention Poster Presentation, San Diego, CA (March 2018)
- Rudolph, B. & **Hugh, M.L.** (2018). *Progress Monitoring in Early Childhood Special Education: In Search of Current Trends and Future Needs*. Conference on Research Innovations in Early Intervention Poster Presentation, San Diego, CA (March 2018)

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- Johnson, L., Ford, A., **Hugh, M.L.** & Rudolph, B. (2018). *Measuring and Evaluating Team-Based Problem Solving: A Means for Crossing the 'Data Use' Chasm?* Conference on Research Innovations in Early Intervention Poster Presentation, San Diego, CA (March 2018)
- Fleury, V.F., Xiong, P., **Hugh, M.L.** & Ford, A. (2018). *Measuring Child Engagement: What's in a Definition?* Conference on Research Innovations in Early Intervention Poster Presentation, San Diego, CA (March 2018)
- Hugh, M.L.**, McMaster, K., Johnson, L. & Fleury, V.P. (2017). *Engagement of Young Children with Developmental Disabilities During Free Play: Definition & Measurement.* Minnesota Northlands Association for Behavior Analysis, Minneapolis, MN
- Fleury, V.P. & **Hugh, M.L.** (2017) *Maximizing the Potential of Shared Book Reading with Young Children with ASD.* Division of Exceptional Children Poster Presentation, Portland, OR (September, 2017)
- Hugh, M.L.** & Fleury, V.F. (2017) Pre-Service Teachers' Perceptions of Treatments for Students with Autism. Division of Exceptional Children Poster Presentation, Portland, OR (September, 2017)
- Hugh, M. L.** & Anzaldo, L. (2016) *A Convergent Evolution: ABA and Structured TEACCHing.* Presentation at North Carolina Association for Behavior Analysis Conference, Wilmington, NC.
- Lemler, M.**, Aiello, R., Ruble, L., & Wong, W.H. (2016). *Predictors of Parent and Teacher Alliance.* Poster Session at Gatlinburg Conference, San Diego, CA.

PRESENTATIONS TO SUPPORT TRANSLATION AND USABILITY

- Hugh, M. L.** (2016). *Structured TEACCHing and Visual Supports for Students with Autism.* Full Day Presentation at Georgia Autism Providers Conference, Jekyll Island, GA.
- Hugh, M.L.** (2016). *Using Visual Supports and Structure at home.* Half Day Presentation at Georgia Autism Providers Conference, Jekyll Island, GA
- Hugh, M. L.**, Aiello, R. & Wilson, K. (2016), *Discovering a Place for Everyone: Inclusion at the Discovery Place.* Discovery Place Inc. Charlotte, NC
- Hugh, M. L.**, & Wilson, K. (2015), *Using Visual Supports for Your Child with Autism (Guiding Parents to Services- Smart Start of Mecklenburg County, NC)*
- Hugh, M. L.**, & Wilson, K. (2015) *Understanding Autism Spectrum Disorder.* YMCA of Greater Charlotte, Charlotte, NC
- Aiello, R., **Hugh, M. L.**, & Wilson, K. (2015), *Addressing Challenging Behavior.* Wilson County Department of Education. Wilson County, NC
- Hugh, M. L.**, Wilson, K., & Lum, J. (2016). Preventing and Addressing Challenging Behavior: 2 Day Training (Spartanburg, SC & Charlotte, NC).
- Hugh, M. L.** (2014) *Autism Orientation: What It Is and What It Isn't.* Autism Society of Tennessee, Nashville, TN.
- Hugh, M. L.** (2014). *Strategies for Teaching Play to Your Child with Autism Spectrum Disorder,* The Brown Center for Autism, Nashville, TN
- UNC TEACCH Autism Program (2015 & 2016) *TEACCH 5-Day Classroom Trainings* (Charlotte, NC & Greensboro, NC)
- UNC TEACCH Autism Program (2015) *Fundamentals of Structured TEACCHing 2 Day Training* (Spartanburg, SC & Charlotte, NC)
- Weaver, L., Stainbrook, A. & **Lemler, M.** (2013), *Focusing on Community Inclusion of Individuals with Autism.* Presentation at Nashville Zoo, Nashville, TN
- Jackson-Garrett, L., Blumberg, S., Weaver, L. Stainbrook, A. & **Lemler, M.** (2014), *Early Childhood Model Classroom* (Jackson, TN)

PRESENTATIONS TO SUPPORT TRANSLATION AND USABILITY: Online

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- Fleury, V.P. & **Hugh, M. L.** (2017) *Maximizing the Benefits of Shared Story Reading for Young Children with Autism and Developmental Disabilities*. Council for Exceptional Children, Division of Early Childhood Learning Deck.
- Lemler, M.** & Staubitz, J. (2014) *Foundations of Learned Behavior: A Basic Online Training Session*. Sponsored by the Tennessee Department of Education Contract.
- Lemler, M.**, Blumberg, S., & Juarez, A. P. (2014) *Defining Behavior: A Basic Online Training Session*. Sponsored by the Tennessee Department of Education Contract.
- Stainbrook, A., **Lemler, M.**, & Aiello, R. (2014). *Promoting Play in the Preschool Classroom*. A 2-part webinar developed for Early Childhood providers through a contract with the Department of Education.
- Blumberg, S., **Lemler, M.**, & Staubitz, J. (May, 2014). *Individualized Education Program Development for Students with ASD: A Basic Online Training Session (Part 1 of 3) Foundations for developing instructionally appropriate IEPs for students with ASD*. Sponsored by the Tennessee Department of Education Contract.
- Blumberg, S., **Lemler, M.**, & Staubitz, J. (May, 2014). *Individualized Education Program Development for Students with ASD: A Basic Online Training Session (Part 2 of 3) Strategies for goal writing, instructing, and monitoring progress for student success*. Sponsored by the Tennessee Department of Education Contract.
- Blumberg, S., **Lemler, M.**, & Staubitz, J. (May, 2014). *Individualized Education Program Development for Students with ASD: A Basic Online Training Session (Part 3 of 3) Services, placement, and accommodations and modifications*. Sponsored by the Tennessee Department of Education Contract.
- Stainbrook, A., Aiello, R., & **Lemler, M.** (December, 2013). *Challenging Behavior*. A 3-part online training developed for the Tennessee Early Intervention Services through a contract with the Department of Education.

UNIVERSITY TEACHING EXPERIENCE

Instructor , EPSY 5682, Education of Infants and Toddlers with Disabilities: Methods and Materials, University of Minnesota Department of Educational Psychology, <i>Online Curriculum Design</i> , Assessing Student Response to Intensive Intervention, National Center for Leadership In Intensive Intervention	2020
Student Teaching Supervision , Early Childhood Special Education Licensure Candidates, University of St. Thomas, Department of Special Education	2019
Instructor , EPSY 5625: Education of Infants, Toddlers, and Preschool Children with Disabilities, University of Minnesota Department of Educational Psychology	2018
Teaching Assistant , EPSY 5681: Early Childhood Special Education Methods	2018
Guest Lecture , <i>Environmental Arrangement & Visual Schedules</i> , Assessment and Intervention for Autism Spectrum Disorder, University of Minnesota Department of Educational Psychology	2016/17
Guest Lecture , <i>Treating Patients with Autism and Developmental Disabilities</i> , University of Minnesota Dental Residency	2016
Guest Lecture , <i>Visual Supports and Structured TEACCHing</i> : University of North Carolina, Charlotte	2015

SERVICE AND COMMUNITY ENGAGEMENT

Service to the Discipline

2020	Reviewer for Council for Exceptional Children: Division of Early Childhood Annual Conference 2021
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2018	Reviewer for Journal of Behavioral Education
2018	Reviewer for National Center for Autism Evidence & Practice
2017-Present	Legislative Committee, Minnesota Northland Association for Behavior Analysis
2017-2020	University of Minnesota Autism Initiative
2017	Osseo Area Schools, Team-Based Problem-Solving Support
2013-2014	Tennessee Association for Behavior Analysis, Student Board Member
2012	International Center for Autism Research and Education, CWRU, Student Board Member

Service to the Community

2017 - 2020	Classroom Engagement Model State Implementation Team, Minnesota Department of Education
2017 – 2020	E-mentor for high school students with disabilities, UMN Institute on Community Integration and St. Paul Public Schools
2015-2016	Mecklenburg County Autism Collaborative

RELATED PROFESSIONAL LICENSURE, CERTIFICATIONS, AND SKILLS

Board Certified Behavior Analyst, Behavior Analysis Certification Board (#1-14-9983)
 Early Childhood Special Education License, State of MN (Birth- 6, #506622)
 Special Education License, State of NC (Birth-5, and K-6th)
 Early Childhood Special Education License, State of TN (Birth-8, #615609)
 Autism Diagnostic Observation Schedule- Toddler (ADOS- Toddler), Researcher Reliable
 Autism Diagnostic Observation Schedule – 2 (ADOS-2), Researcher Reliable
 Family Implemented TEACCH for Toddlers Certification
 Structured TEACCHing
 Enhanced Milieu Teaching

PROFESSIONAL ASSOCIATION MEMBERSHIPS

2020 –Present	Society for Implementation Research Collaboration- Student Network of Expertise
2016 –Present	Minnesota Northland Association for Behavior Analysis
2015 –Present	Association for Professional Behavior Analysts
2012 –Present	Council for Exceptional Children (CEC), Divisions: Early Childhood, Autism and Developmental Disabilities, Research, & Teacher Education
2015-2016	North Carolina Association for Behavior Analysis
2015-2016	Autism Society of North Carolina
2012-2015	Tennessee Association for Behavior Analysis