

Brianne (Gerlach-McDonald) Tomaszewski, PhD

TEACCH Autism Program, Department of Psychiatry
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EDUCATION

- 2017-2019 **University of North Carolina at Chapel Hill**, Chapel Hill, NC
T32 Postdoctoral Research Associate
Carolina Institute for Developmental Disabilities
Frank Porter Graham Child Development Institute
- 2017 **Colorado State University**, Fort Collins, CO
Ph.D., Applied Developmental Sciences
Human Development and Family Studies
- 2015 **Colorado State University**, Fort Collins, CO
M.S., Family and Developmental Studies,
Human Development and Family Studies
- 2013 **Michigan State University**, East Lansing, MI
MPH, Masters of Public Health
- 2012 **Northern Michigan University**, Marquette, MI
B.S., Biology, Minor: Psychology, Chemistry
Cum Laude

PROFESSIONAL EXPERIENCE

- 2019 to present Research Assistant Professor, TEACCH Autism Program,
Department of Psychiatry, University of North Carolina at Chapel
Hill, Chapel Hill, NC
- 2019 to present Faculty Fellow, Frank Porter Graham Child Development Institute,
University of North Carolina at Chapel Hill, Chapel Hill, NC
- 2017 to 2019 Postdoctoral Research Associate, Frank Porter Graham Child
Development Institute, University of North Carolina at Chapel
Hill, Chapel Hill, NC
- 2013 to 2017 Graduate Research and Teaching Assistant, Department of Human
Development and Family Studies, Colorado State University,
Fort Collins, CO

HONORS AND AWARDS

2015 Society for Research in Child Development Teaching Mentorship Program Scholar
2014 Prudence M. Kaley Scholarship
2014 Public Health in the Rockies Conference First Place Student Research Poster
2011 Great Lakes Intercollegiate Athletic Conference All-Academic
2010 Psi Chi National Honor Society

PEER-REVIEWED PUBLICATIONS

Peltier, C., Vannest, K. J., **Tomaszewski, B.**, Morin, K., Pulos, J. M., & Salliese, M. R. (accepted for publication). Criterion validity of a computer adaptive universal screener to an end-of-year state mathematics assessment. *Exceptionality*.

Tomaszewski, B., Hepburn, S. J., Blakeley-Smith, A., & Rogers, S. J. (accepted for publication). Developmental trajectories of adaptive behavior from toddlerhood to middle childhood in autism spectrum disorder. *American Journal on Intellectual and Developmental Disabilities*.

Kraemer, B., Odom, S., **Tomaszewski, B.**, & Hall, L. J. (2019). Quality of secondary school programs for students with autism spectrum disorder. *Autism*. Advanced online publication. doi:10.1177/1362361319887280

Tomaszewski, B., DaWalt, L. S., & Odom, S. L. (2019). Growth mixture models of adaptive behavior in adolescents with autism spectrum disorder. *Autism*, 23, 1472-1484. doi: 10.1177/1362361318815645.

Odom, S. L., Morin, K., Savage, M., & **Tomaszewski, B.** (2019). Behavioral and educational interventions. In F. Volkmar (Ed.) *Autism and Pervasive Developmental Disorders*(3rd edition). Cambridge, UK: Cambridge University Press.

Tomaszewski, B., Fidler, D. J., Talapatra, D., & Riley, K. (2018). Adaptive behaviour, executive function, and employment status in adults with Down syndrome. *Journal of Intellectual Disability Research*, 62, 41-52. doi: 10.1111/jir.12450

Daunhauer, L. A., **Gerlach-McDonald, B.**, Will, E., & Fidler, D. J. (2017). Performance and ratings based measures of executive function in school-aged children with Down syndrome. *Developmental Neuropsychology*, 42, 351-368. doi: 10.1080/87565641.2017.1360303

Fidler, D. J., Daunhauer, L. A., Will, E., **Gerlach-McDonald, B.**, & Schworer, E. (2016). The central role of etiology in science and practice in intellectual disabilities. *International Review of Research in Developmental Disabilities*, 50, 33-69. doi: 10.1016/bs.irrdd.2016.05.005

- Will, E., Fidler, D. J., Daunhauer, L. A., & **Gerlach-McDonald, B.** (2016). Executive function and academic achievement in primary – grade students with Down syndrome. *Journal of Intellectual Disability Research*. doi: 10.1111/jir.12313
- Will, E., **Gerlach-McDonald, B.**, Fidler, D. J., & Daunhauer, L. A. (2016). Impact of maladaptive behavior on school function in Down syndrome. *Research in Developmental Disabilities*, 59, 328-337. doi: 10.1016/j.ridd.2016.08.018
- Fidler, D. J., Will, E., Daunhauer, L. A., **Gerlach-McDonald, B.**, & Visootsak, J. (2014). Object-related generativity in children with Down syndrome. *Research in Developmental Disabilities*, 35, 3379-3385. doi: 10.1016/j.ridd.2014.07.024
- Daunhauer, L. A., **Gerlach-McDonald, B.**, & Khetani, M. A. (2014). Rules of “engagement”: Addressing participation and functional performance in children with intellectual and developmental disabilities. *International Review of Research in Developmental Disabilities*, 47, 152-184. doi:10.1016/B978-0-12-800278-0.00005-1

MANUSCRIPTS UNDER REVIEW

- Tomaszewski, B.**, Kramer, B., Steinbrenner, J. R., DaWalt, L. E., Hall, L. J., Hume, K., & Odom, S. L. (under review). Student, educator, and parent perspectives of self-determination in high school students with autism spectrum disorder. *Autism Research*.
- Tomaszewski, B.**, Savage, M., & Hume, K. (under review). Examining physical activity and quality of life in adults with autism spectrum disorder. *Autism*.
- McIntyre, N., **Tomaszewski, B.**, Hume, K., & Odom, S. (under review). Stability of literacy profiles of adolescents with autism spectrum disorder and associations with stakeholder perceptions of appropriate high school supports. *Language, Speech, and Hearing Services in Schools*.

CONFERENCE PRESENTATIONS

- Tomaszewski, B.**, Savage, M., & Hume, K. (2020). In **Tomaszewski, B.** (Chair), The Role of Coaching in Interventions Promoting Evidence-Based Practices in Children and Adults with Autism Spectrum Disorder. Symposium accepted to Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
- Tomaszewski, B.**, LaMarche, E., & Klinger, L. (2020). Using electronic health records to characterize individuals with intellectual and developmental disabilities and individuals with autism spectrum disorder. Poster accepted to Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
- Tomaszewski, B.** (2020). Supporting individuals with autism spectrum disorder and intellectual disability through the goal-setting process. Presentation accepted to Council for Exceptional Children Convention and Expo, Portland, OR.

- Tomaszewski, B.,** Szidon, K., & DaWalt, L. (2020). The Adolescent and Young Adult Activity Card Sort as a transition assessment tool for individuals with autism spectrum disorder. Demonstration accepted to Council for Exceptional Children Convention and Expo, Portland, OR.
- Hall, L., **Tomaszewski, B.,** Morin, K., & Kraemer, B. (2020). IEP goal quality for students with autism spectrum disorder. Poster accepted to Council for Exceptional Children Convention and Expo, Portland, OR.
- Kraemer, B., McDaniel, S., **Tomaszewski, B.,** Szidon, K., & DaWalt, L. (2020). Postschool outcomes and follow-up for young adults with autism spectrum disorder. Presentation accepted to Council for Exceptional Children Convention and Expo, Portland, OR.
- McIntyre, N., **Tomaszewski, B.,** Hume, K., & Odom, S. (2020). Stability of literacy profiles of adolescents with autism spectrum disorder and associations with stakeholder perceptions of appropriate high school supports. Poster presented at the Institute of Education Sciences Annual Principal Investigators Meeting, Washington, DC.
- Nowell, S., Steinbrenner, J., **Tomaszewski, B.,** Sam, A., & Odom, S. (2019). The Children's Communication Checklist-2 in school-aged children with ASD: A psychometric analysis. Poster presented at the American Speech-Language-Hearing Association Convention. Orlando, Florida.
- Tomaszewski, B.,** DaWalt, L. S., & Odom, S.L. (2019). Growth mixture models of adaptive behavior in adolescents with autism spectrum disorder. Poster presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities. San Antonio, Texas.
- Tomaszewski, B.,** Kramer, B., DaWalt, L.E., Hume, K., Steinbrenner, J. R., Hall, L. J., & Odom, S. (2019). Student, Parent, and Teacher Perspectives of Self-Determination in High School Students with Autism Spectrum Disorder. Poster presented at the International Society for Autism Research Annual Meeting. Montreal, Canada.
- Tomaszewski, B.,** Klinger, L. G., Klinger, M. R., Berman, A. F., & Pugliese, C. E. (2019). Self-determination in transition-aged individuals with autism spectrum disorder. Poster presented at the International Society for Autism Research Annual Meeting. Montreal, Canada.
- McIntyre, N. S., **Tomaszewski, B.,** Hume, K., & Odom, S. (2019). Identifying learning profiles in adolescents with ASD associated with distinct social communication, behavioral and academic support needs in high school. Poster presented at the International Society for Autism Research Annual Meeting. Montreal, Canada.
- McIntyre, N. S., **Tomaszewski, B.,** Hume, K., & Odom, S. (2019). Learning profiles in adolescents with ASD and associations with school support intensity and self-determination outcomes. Poster presented at the American Educational Research Association Annual Meeting. Toronto, Canada.

- Hall, L. J., **Tomaszewski, B.**, Kraemer, B., Morin, K. L., Hume, K., & Odom, S. (2019). The quality of IEP goals for students with ASD in 60 high schools. Poster presented at the International Society for Autism Research Annual Meeting. Montreal, Canada.
- Hume, K., Steinbrenner, J. R., Odom, S., **Tomaszewski, B.**, Morin, K. L., Nowell, S. W., McIntyre, N. S., Szendrey, S., & Yucesoy Ozkan, S. (2019). National Clearinghouse on Autism Evidence & Practice (NCAEP): Updating a large scale systematic review of behavioral interventions for children and youth with ASD. Poster presented at the International Society for Autism Research Annual Meeting. Montreal, Canada.
- Tomaszewski, B.**, Odom, S., Dawalt, L. S., & Hume, K. (2018). *Predictors of adaptive behavior in adolescents with ASD*. Oral presentation at International Society for Autism Research Annual Meeting, Rotterdam, Netherlands.
- Tomaszewski, B.**, Odom, S., Sideris, J., DaWalt, L. S., Kraemer, B., Hall, L., & Hume, K. (2018). *Examining phenotypic profiles of adolescents with autism in high school programs*. In Odom, S. J. (Chair), *Adolescents with Autism in Secondary School Programs*. Symposium conducted at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
- Talapatra, D., **Gerlach-McDonald, B.**, Riley, P., Gladstone, P. Z., Delap, S., Riley, K., & Fidler, D. J. (2017). *Curricular modifications to promote inclusion of individuals with Down Syndrome: A pilot study*. Poster presented at the American Psychological Association Annual Convention, Washington, DC.
- Gerlach-McDonald, B.**, Fidler, D. J., Talapatra, D., & Riley, K. (2017). *Executive function and adaptive behavior in adults with Down syndrome*. Poster presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, TX.
- Gerlach-McDonald, B.**, Daunhauer, L. A., & Fidler, D. J. (2016) *Manual dexterity and executive function in school-aged children with Down syndrome*. Poster presented at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA
- Gerlach-McDonald, B.**, Daunhauer, L. A., & Fidler, D. J. (2015) *Functional performance in school-aged children with Down syndrome*. In Fidler, D. J. (Chair), *Executive Function, Academics, and Functional Performance in Down syndrome*. Symposium conducted at Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.
- Gerlach-McDonald, B.**, Daunhauer, L. A., & Fidler, D. J. (2014). *Functional performance in school-aged children with Down syndrome*. Poster presented at the Public Health in the Rockies 2014 Conference. Fort Collins, CO.

ONLINE MODULES

Tomaszewski, B., Regan, T., & AFIRM Team. (2017). *Response interruption and redirection*. Chapel Hill, NC: National Professional Development Center on Autism Spectrum Disorder, FPG Child Development Center, University of North Carolina. Retrieved from <http://afirm.fpg.unc.edu/response-interruption-and-redirection>

INVITED TALKS

Tomaszewski, B. (August 2019). An overview of the Center for Secondary Students with Autism Spectrum Disorder. TEACCH Autism Program, Department of Psychiatry, University of North Carolina at Chapel Hill.

Gerlach-McDonald, B. (October 2015;2016). An Introduction and Overview of Cognitive Development. Department of Psychology, Colorado State University.

Gerlach-McDonald, B., Fidler, D. J., & Riley, K. (April 2016). Health and Wellness Continuing Education for Adults with Down syndrome: Program Implementation. Department of Human Development and Family Studies, Colorado State University.

Gerlach-McDonald, B. (March 2015). Predictors of Functional Performance in School-aged Children with Down syndrome. Department of Human Development and Family Studies, Colorado State University.

TEACHING EXPERIENCE

Instructor

Cognitive and Language Development (Spring 2016;2017)
Cognitive and Language Development, Online (Summer 2016)

Teaching Assistant

Cognitive and Language Development (Spring 2015)
Couple and Family Studies (Fall 2016)

Guest Lecturer

Research Methods (Spring 2017)

PROFESSIONAL MEMBERSHIPS

International Society for Autism Research
American Psychological Association Division 33
Intellectual & Developmental Disabilities /Autism Spectrum Disorder
American Psychological Association
Society for Research in Child Development
American Public Health Association

PROFESSIONAL ACTIVITIES

2019-Reviewer for *Autism in Adulthood, Journal of Developmental and Physical Disabilities*

2018-Reviewer for *Journal of Intellectual & Developmental Disability, Physical & Occupational Therapy in Practice*

2017-Reviewer for *Autism Research, Journal of Intellectual Disability Research*

2015-Reviewer for *Disability and Rehabilitation*

2014-Reviewer for *American Journal on Intellectual and Developmental Disabilities*

ADDITIONAL RESEARCH AND STATISTICAL TRAINING

- 2019 Inter-university Consortium for Political and Social Research:
Multilevel Modeling
- 2019 Consortium for the Advancement of Research Methods and Analysis:
Multilevel Structural Equation Modeling
- 2019 Curran-Bauer: Structural Equation Modeling
- 2018 Structural Equation Modeling Using SAS
- 2018 SAS Advanced Statistical Modeling Using the NLMIXED Procedure
- 2018 Determining Power and Sample Size Using SAS/STAT Software
- 2018 Visual Analytics for SAS 9: Getting Started
- 2018 Curran-Bauer: Longitudinal Structural Equation Modeling
- 2018 Curran-Bauer: Latent Class Analysis and Growth Mixture Modeling
- 2018 Curran-Bauer: Longitudinal Data Analysis
- 2018 Power and Sample Size
- 2017 Autism Diagnostic Observation Schedule Introductory Training
- 2017 Stats Camp: Longitudinal Growth Modeling in MPlus
- 2016 Stats Camp: An Introduction to MPlus
- 2015 Consortium for the Advancement of Research Methods and Analysis:
Mediation and Moderation
- 2014 Early Start Denver Model for Young Children with Autism
Introductory and Advanced Workshop