
Madison Cloud Crandall
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EDUCATION

Ph.D.	2020	Special Education Specialization: Communication in Children with Developmental Disabilities Dissertation: <i>Is the strength of the relation between early parent follow-in input and later child vocabulary size in infant siblings of children with ASD conditional on engagement state or communication disorders?</i>	Vanderbilt University Peabody College
M.A.	2016	Educational Psychology Specialization: Applied Behavior Analysis Thesis: <i>A comparison of tact interventions on emergent intraverbal responses in children with developmental disabilities</i>	Baylor University
B.A.	2015	History Minors: Spanish and English	Baylor University Honors College

CERTIFICATIONS/TRAININGS

BACB # 1-18-34212
BACB Supervisor Training
ADOS-II Clinical Training

TEACHING EXPERIENCE

<i>Year</i>	<i>Institution</i>	<i>Position</i>
01/2021-present	University of Dayton Dayton, OH	Assistant Clinical Professor EDC 519: Applied Behavior Analysis 2 EDC 523: Assessment and Intervention
09/2020-12/2020	University of Dayton Dayton, OH	Adjunct Professor EDC 518: Applied Behavior Analysis 1 EDC 523: Assessment and

		Intervention
01/2018-05/2018	Vanderbilt University Nashville, TN	Teaching Assistant SPED 8810: Introduction to Single Subject Research Methodology
01/2016 – 05/2016	Baylor University Waco, Texas	Teaching Assistant EDP 3379: Education of Students with Moderate-Severe Disabilities (Undergraduate Course)
		EDP 3362: Teaching Associate, Special Education Part Two (Undergraduate Course)

PROFESSIONAL EXPERIENCE

<i>Year</i>	<i>Institution</i>	<i>Position</i>
08/2016 – 12/2020	Vanderbilt University	Research Assistant Supervisor: Dr. Paul Yoder
08/2017 – 12/2017	Metro Nashville Public Schools Behavior Support Team	Classroom Behavior Support Team intern
05/2017 – 08/2017	Vanderbilt University Behavior Analysis Clinic	Intern
08/2015 – 06/2016	Baylor University Center for Assessment, Research, and Education Waco, Texas	Behavior Therapist
09/2015 – 08/2016	Heart of Texas Region Mental Health and Mental Retardation Services Waco, Texas	Parent Coaching Intern, Challenging Behaviors Unit
06/2015	Baylor University Center for Assessment, Research, and Education Waco, Texas	Assistant Behavior Therapist

RESEARCH AND SCHOLARSHIP

Graduate Presentations

Crandall, M., Bottema-Beutel, K., McDaniel, J., Watson, L., & Yoder, P. (2019, September). Children with autism spectrum disorder may learn from caregiver verb input better in certain engagement states. Poster presentation at Vanderbilt Kennedy Center's Science Day. Nashville, TN, September 17.

Crandall, M., McDaniel, J., Watson, L., & Yoder, P. (2018, January). An exploratory analysis of the relationship between parent verb input and verb expressive vocabulary in children with autism spectrum disorder. Poster presentation at Vanderbilt Kennedy Center's Science Day. Nashville, TN, January 23.

Cloud, M., & Hodges, A. (2015, October) Behavior management in the classroom. Presentation at the Baylor/Central Texas Conference of the Texas Association for the Improvement of Reading: Elementary Conference. Waco, TX, October 20.

International and National Refereed Presentations

Crandall, M.C., Stone, W., Bottema-Beutel, K., & Yoder, P.J. (under review). Is the strength of the relation between early parent follow-in input and later child vocabulary size in infant siblings of children with ASD conditional on engagement state or communication disorders? Poster presentation at the 54th Annual Gatlinburg Conference. Virtual Conference. April 5-8.

Crandall, M. (2019, November). A systematic review of matrix training for multi-word combinations for children with ASD: What do we really know? Poster presentation at the 2019 Tennessee Association for Behavior Analysis Conference. November 14-15.

Crandall, M., Bottema-Beutel, K., McDaniel, J., Watson, L., & Yoder, P. (2019, November). Children with autism spectrum disorder may learn from caregiver verb input better in certain engagement states. Poster presentation at the 2019 ASHA Convention. Orlando, FL. November 21-23.

Yoder, P., McDaniel, J., **Crandall, M.**, Millan, M.E., Ardel, C., Gengoux, G.W., & Hardan, A.Y. (2019, May). The effects of pivotal response training on reciprocal vocal contingency in children with autism spectrum disorder. Poster presentation at the International Society for Autism Research 2019 Annual Meeting. Montreal, Canada, May 1-4.

Crandall, M., Bottema-Beutel, K., McDaniel, J., Watson, L., & Yoder, P. (2019, April). Children with autism spectrum disorder may learn from caregiver verb input better in certain engagement states. Poster presentation at the 52nd Annual Gatlinburg Conference. San Antonio, TX, April 3-5.

Crandall, M., McDaniel, J., Watson, L., & Yoder, P. (2018, June). An exploratory analysis of the relationship between parent verb input and verb expressive vocabulary in children

with autism spectrum disorder. Poster presentation at the Symposium on Research in Child Language Disorders. Madison, WI. June 7-9.

McDaniel, J., Yoder, P. **Crandall, M.**, Millan, M.E., Ardel, C.M., Gengoux, G., & Hardan, A. (2018, June). Effects of pivotal response training on reciprocal vocal contingency in a randomized controlled trial of children with autism spectrum disorder. Poster presentation at the Symposium on Research in Child Language Disorders. Madison, WI. June 7-9.

Crandall, M. McDaniel, J., Watson, L., & Yoder, P. (2018, April). An exploratory analysis of the relationship between parent verb input and verb expressive vocabulary in children with autism spectrum disorder. Poster presentation at the 51st Annual Gatlinburg Conference. San Diego, CA, April 11-13.

Velez, M., Torelli Roane, J., Puckett, T., Lambert, J.M., Barnes, K., **Crandall, M.C.**, Lynch, M., & Mastel, M. (2017, October). *Embedding social skills in board game play with children with challenging behavior*. In E. Barton (Chair), Systematic instruction of play and social behaviors. Symposium presented at the 20th annual meeting of the Tennessee Association for Behavior Analysis, Nashville, TN. October 26-28.

Hodges, A., Davis, T.N., **Crandall, M.**, Phipps, L., & Weston, R. (2017, May). Using shaping to increase foods consumed by children with autism. Individual symposium at the 43rd Annual National Convention: Association of Behavior Analysis International. Denver, CO. May 25-29.

Weston, R., Hodges, A., O'Guinn, N., Radharkrishnan, S., Davis, T.N., **Cloud, M.**, Sulak, T. (2016, October). Improving Error Correction Strategies within Instructional Procedures for Children with Autism Spectrum Disorders. Poster presentation at Midwest Symposium for Leadership in Behavior Disorders. Kansas City, MO. October 6-7.

Cloud, M., Davis, T. N., Weston, R., Hodges, A., Uptegrove, L., Brafford, T., Phipps, L., & Grebe, S. (2016, May). Evaluation of the effects of vocal feedback during error correction on skill acquisition. Individual symposium at the 42nd Annual National Convention: Association of Behavior Analysis International. Chicago, IL, May 27-31.

Cloud, M. (2016, March). Evaluation of tact interventions on the emergence of intraverbal responses in children with developmental disabilities: a literature review. Individual poster presentation at the 2016 Regional Conference on Behavior Analysis: Texas Association for Behavior Analysis. Fort Worth, TX, March 3-6.

Cloud, M., Davis, T. N., Weston, R., Hodges, A., Uptegrove, L., Brafford, T., Phipps, L., & Grebe, S. (2016, March). Analysis of vocal feedback during error correction procedures of direct trial intervention. Poster presentation at Texas Association of Applied Behavior Analysis Regional Conference. Ft. Worth, TX, March 3 - 6.

Articles Published in Peer-Reviewed Journals

McDaniel, J., Yoder, P., **Crandall, M.**, Millan, M. E., Ardel, C. M., Gengoux, G., & Hardan, A. (2020). Short report: Effects of pivotal response treatment on reciprocal vocal contingency in a randomized controlled trial of children with autism spectrum disorder. *Autism*. Advanced online publication. doi: 10.1177/1362361320903138.

Yoder, P. & **Crandall, M.** (2019). Rationale for blindness to treatment assignment in between-group experiments testing generalized communication and language. *Evidence-Based Communication Assessment and Intervention*, 13(4), 225-229. doi:10.1080/17489539.2019.1683948

Crandall, M. McDaniel, J., Watson, L.R., & Yoder, P. (2019). An exploratory analysis of the relationship between parent verb input and verb expressive vocabulary in children with autism spectrum disorder. *Journal of Speech, Language, and Hearing Research*, 62(6), 1787-1797. doi: 10.1044/2019_JSLHR-L-18-0081

Crandall, M.C., Bottema-Beutel, K., McDaniel, J., Watson, L., & Yoder, P.J. (2019). Children with autism spectrum disorder may learn from caregiver verb input better in certain engagement states. *Journal of Autism and Developmental Disorders*, 49(8), 3102-3112. doi: 10.1007/s10803-019-04041-w

Hodges, A., Davis, T.N., **Crandall, M.** Phipps, L., Weston, R. (2017). Using shaping to increase foods consumed by children with autism. *Journal of Autism and Developmental Disorders*, 47(8). 2471-2479. doi: 10.1007/s10803-017-3160-y

Book Chapters

Hodges, A., Phipps, L., & **Cloud, M.** (2020). Using shaping to increase foods consumed by children with autism. In F. R. Volkmar (Ed.), *Encyclopedia of autism spectrum disorders*. Doi: 10.1007/978-1-4614-6435-8_102385-1

Weston, R., Rittenhouse-Cea, H., Gauert, S., **Crandall, M.**, & Radhakrishnan, S. (2020). Using reinforcement to prevent challenging behaviors. In J. L. Matson (Ed.), *Applied behavior analysis: A comprehensive handbook*. Springer.

Articles Under Review for Publication or In Preparation

Crandall, M.C., Yoder, P., & Ledford, J.R. (in preparation). A systematic review of matrix training for children with developmental disabilities and delays. Target Journal: *Journal of Autism and Developmental Disorders*.

Crandall, M.C., Stone, W., Bottema-Beutel, K., & Yoder, P.J. (in preparation). Is the strength of the relation between early parent follow-in input and later child vocabulary size in infant siblings of children with ASD conditional on engagement state or communication disorders? Target Journal: *Autism Research*.

HONORS AND AWARDS

- 2020 Peabody Dean’s Fellowship, Peabody College, Vanderbilt University
- 2019 Robert Gaylord Ross Award for Excellence in Scholarly Writing, Vanderbilt University
- 2016 – 2020 Graduate Honor Scholarship, Peabody College, Vanderbilt University
- 2015 Graduate Student Association’s Three-Minute Thesis Competition: Third Place, Baylor University
- 2015 Phi Beta Kappa invitation for membership, Baylor University
- 2014 Baylor University Outstanding Student Honors Colloquium: History department representative
- 2011 Baylor University Regents’ Gold Scholarship

ASSOCIATION MEMBERSHIPS*Current*

Association for Behavior Analysis International
Tennessee Association for Behavior Analysis

Past

Phi Beta Kappa Honors Society
Phi Alpha Theta Honors Society
Texas Association for Behavior Analysis

SERVICE*Activity**Dates*

Search Committee Member, Department of Counselor Education and Human Services, University of Dayton	12/2020-01/2021
Guest lecture, SPEDS 3300: Methods of Instruction for Students with Severe and Multiple Disabilities, Vanderbilt University: “Topics on Generativity: Matrix Training”	3/19/20
Reviewer, Journal of Autism and Developmental Disorders	2020
Volunteer, <i>The Arc of Waco After School Program for children with disabilities</i>	09/2015-12/2015