

SCOTT DUEKER, PhD, BCBA-D, LBA

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Teachers College 727

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EDUCATION

The Ohio State University Columbus, OH
Ph.D. in Special Education and Applied Behavior Analysis May 2018
Advisor: Dr. Helen Malone, PhD
Dissertation: *Teaching a Learning Strategy for Computational Mathematics to Students with Moderate to Profound Intellectual Disabilities Using Video Prompting*

Ball State University Muncie, IN
Master of Arts in Applied Behavior Analysis May 2013

Indiana University Bloomington, IN
Bachelor of Arts in Psychology and Telecommunications December 1991

RESEARCH

Ball State University Muncie, IN
Principal Investigator August 2019-Present

- *Using Matrix Training to Generalize Additional Descriptors for Tacts in Preschool Children with ASD*
- Increasing the vocal output of learners with ASD using explicit training and generalization
- Target population of children with ASD and limited vocal repertoire
- Utilizing single subject multiple baseline design and verbal behavior principles

Ball State University Muncie, IN
Principal Investigator March 2020-Present

- *Assessing the use of treatment fidelity checks in clinical practice: a survey and analysis*
- Utilize survey method to reach behavior analysts
- Statistical analysis of the results to determine trends and correlations between responses and three research questions
- Will result in a practitioner paper describing best practices for clinical applications

Ball State University Muncie, IN
Principal Investigator August 2018-Present

- *Using Video Technology to Teach Mathematics Prerequisite Skills to Learners with Moderate to Severe Intellectual Disabilities: A Review of the Literature*
- Identifying skills required to perform basic mathematics
- Analyzing best practices in teaching prerequisite skills
- Informing skills for use in future studies with students

GRANTS

Funded

Ball State University Muncie, OH
Center for Autism Spectrum Disorders/BSU Foundation

- Awarded August 2019
- Project: “Using Matrix Training to Generalize Additional Descriptors for Tacts in Preschool Children with ASD”
- \$17,890 budget for materials and personnel
- Competitive award

Ball State University Muncie, OH
ASPiRE New Faculty Start-Up Grant

- Awarded October 2018/Funded December 2018
- Project: “Teaching Prerequisite Numeracy Skills for Addition to Learners with Severe Disabilities using Video Prompting”
- \$2700 competitive award for new faculty members to help establish their research agenda
- Used for purchase of video equipment used in multiple future studies on math acquisition in learners with disabilities

The Ohio State University Columbus, OH
College of Education and Human Ecology Dissertation Fellowship August 2017-May 2018

- Monthly stipend plus tuition and fee waiver
- Allowed for focus solely on dissertation research
- Competitive award voted on by graduate committee

College of Education and Human Ecology Small Dissertation Grant August 2017-May 2018

- \$500 grant to aid in completion of dissertation
- Used to purchase a tablet and create materials for use in the study
- Competitive award

PUBLICATIONS

Published

Brock, M. E., **Dueker, S. A.**, & Barczak, M. A. (2020). Effects of Delayed Video-Based Feedback and Observing Feedback on Paraprofessional Implementation of Evidence-Based Practices for Students with Severe Disabilities. *Focus on Autism and Other Developmental Disabilities*. 1088357620902492.

- Brock, M. E., Barczak, M. A., & **Dueker, S. A.** (2020). A Randomized Evaluation of Group Training for Paraprofessionals to Implement Systematic Instruction Strategies with Students with Severe Disabilities. *Teacher Education and Special Education*. 0888406420923769.
- Dueker, S. A.** and Cannella-Malone, H. I. (2019) Teaching Addition to Learners with Moderate Disabilities Using Video Prompting. *Journal of Special Education Apprenticeship*. 8(2). 1-20.
- Cannella-Malone, H. I., **Dueker, S. A.**, Barczak, M. A., & Brock, M. E. (2019). Teaching academic skills to students with significant intellectual disabilities: A systematic review of the single-case design literature. *Journal of Intellectual Disabilities*, 1744629519895387.
- Brock, M. E., Dynia, J. M., **Dueker, S. A.**, & Barczak, M. A. (2019). Teacher-Reported Priorities and Practices for Students With Autism: Characterizing the Research-to-Practice Gap. *Focus on Autism and Other Developmental Disabilities*, 1088357619881217
- Brock, M. E., **Dueker, S. A.**, & Barczak, M. A. (2018). Brief Report: Improving social outcomes for students with autism at recess through peer-mediated pivotal response training. *Journal of Autism and Developmental Disorders*. 48(6). 2224-2230. DOI:10.1007/s10803-017-3435-3
- Seaman, R. L., Cannella-Malone, H. I., & Brock, M. E., **Dueker, S. A.** (2018). Efficacy of paraprofessional-implemented video prompting to teach vocational skills to students with autism spectrum disorder. *Career Development and Transition for Exceptional Individuals*. 41(2). 68-76. DOI:10.1177/2165143417708191.
- Brock, M. E., Cannella-Malone, H. I., Seaman, R. L., Andzik, N. R., Schaefer, J. M., Page., E. J., Barczak, M., & **Dueker, S. A.** (2017). Findings across practitioner training studies in special education: A comprehensive review and meta-analysis. *Exceptional Children*. 84(1). 7-26. DOI:10.1177/0014402917698008.
- Dueker, S.**, Hawk, N., Nelson, J. L., Nelson, M. J., Walterbusch, T., & Wargelin, L. A. (Eds.). Aras, A., Ayoub, S. S., Bhaktha, N., Brady, A. C., Bussell, K., **Dueker, S.**, Hall, S., Ham, M., Hawk, N., Jenkins, B. R., Kearney, R. C., Kim, Y., Kulesza, A. E., Kuznetcova, I., Lo, M., Mayo, J. W., Mulyadin, T., Nelson, J. L., Nelson, M. J., Paulson, J. L., Rivera, M. D., Robinson, S., Shi, Y., Tiba, E., Tornwall, J., Van Jura, M. J., Walterbusch, T., Wargelin, L. A., & Zhao, K. (2017). *Educational inequality in Ohio, 2016-17* (Research Methodology Center White Paper No. 1). Retrieved from https://rmc.ehe.osu.edu/files/2015/10/EHE-RMC-White-Paper-001_Educational-inequality-in-Ohio_March17.pdf

In Press

Submitted

- Dueker, S. A.** and Day, J. M. (2020) Teaching Pre-requisite Math Skills to Learners with Moderate Disabilities Using Video Modeling. Manuscript submitted for publication to *Psychology in the Schools*.

Brock, M. E., Barczak, M. A., **Dueker, S. A.**, & Seaman, R. L. (2018). Training paraprofessionals in a group context: A pilot feasibility study. Manuscript submitted for publication to Professional Development and Education.

In preparation

Dueker, S. A. and Day, J. M. (2019) Using technology to teach mathematics skills to learners with disabilities: A review of the literature. Manuscript in preparation.

Dueker, S. A. and Cannella-Malone, H. I. (2018) Comparing Video Prompting Against Most-to-Least Prompting to Teach Two Personal Care Skills. Manuscript in preparation.

Dueker, S. A. (2018) Using Technology to Teach Academics to Students with Moderate to Profound Disabilities: A Literature Review. Manuscript in preparation.

Dueker, S. A. (2018) Creating Independent Learners by Fading Video Prompts: A Practitioner's Guide. Manuscript in preparation.

PRESENTATIONS

International

Dueker, S. A., (September 2016). *Comparing Video Prompting Against In-Vivo Prompting to Teach Two Personal Care Skills*. Presentation of a research study on the use of video prompting at Association for Behaviour Analysis Australia National Conference, Melbourne, Australia.

National

Dueker, S. A. (May 2020). *Teaching Addition to Learners with Moderate Using Video Prompting*. Poster presentation of completed study with Q & A at the Association for Behavior Analysis International annual conference. Washington, DC.

Dueker, S. A. (May 2019). *Teaching Addition to Learners with Moderate Using Video Prompting*. Poster presentation of completed study with Q & A at the Association for Behavior Analysis International annual conference. Chicago, IL.

Brock, M. E., **Dueker, S. A.**, Barczak, M. (January 2019). *High-Quality, Low-Intensity Training for Paraprofessionals Supporting Students With Severe Disabilities*. Presentation of completed study with Q & A at Council for Exceptional Children Annual Convention. Indianapolis, IN.

Brock, M. E., **Dueker, S. A.**, Barczak, M. (February 2018). *Improving Social Outcomes for Students with Autism at Recess Through Peer-Mediated Pivotal Response Training*. Presentation of completed study with Q & A at Council for Exceptional Children Annual Convention. Tampa, FL.

Dueker, S. A. (May 2017). *Comparing Video Prompting Against In-Vivo Prompting to Teach Two Personal Care Skills*. Presentation of completed research as part of a symposium titled “Recent Developments of Video-Based Instruction to Staff Train and to Teach Exercise and Personal Care Skills” as the Association for Behavior Analysis International annual conference. Denver, CO.

Dueker, S. A., Andzik, N., Schafer, J., Seaman, R. (April 2016). *Using Video Prompting to Teach Leisure Skills to Students with Significant Disabilities*. Demonstration presentation on the use of video prompting at Council for Exceptional Children annual conference. St. Louis, MO.

Regional

Brock, M. E., **Dueker, S. A.,** Barczak, M, Webster, L. (November 2018). *Building Social Connections at Recess Through Peer Networks*. Hands-on interactive presentation of completed study at Ohio Center for Autism and Low Incidence (OCALI) Annual Convention. Columbus, OH.

Brock, M. E., **Dueker, S. A.,** Webster, L. (November 2017). *How to Promote Social Connections at Recess with Peer Networks*. Hands-on interactive presentation of completed study at Ohio Center for Autism and Low Incidence (OCALI) Annual Convention. Columbus, OH.

Schaefer, J., **Dueker, S. A.** (November 2017). *Bug-in-ear as an Evidence-Based Tool for On-the-Job Training*. Poster presentation of completed study at Ohio Center for Autism and Low Incidence (OCALI) Annual Convention. Columbus, OH.

Seaman, R., **Dueker, S. A.,** Page, E. J. (April 2016). *Video Prompting: Implementation, Teaching, and Current Research*. Demonstration presentation of the use of video prompting at Ohio Association for Behavior Analysis annual conference. Columbus, OH.

Dueker, S. A. (October 2012). *Effects of Momentary Differential Reinforcement of Other Behavior on Rolling Behavior in a Young Man Diagnosed with Autism*. Poster presentation at the Hoosier Association for Behavior Analysis annual conference. Indianapolis, IN.

Local

Dueker, S. A. (March 2018). *Using Video Prompting to Teach Addition to Students with Moderate Intellectual Disabilities*. Oral presentation of completed study at the Edward F. Hayes Graduate Research Forum. Columbus, OH.

Dueker, S. A. (February 2018). *Using Video Prompting to Teach Addition to Students with Moderate Intellectual Disabilities*. Oral presentation of completed study at the Ohio State University Education and Human Ecology Student Research Forum. Columbus, OH.

Dueker, S. A. (September 2017). *Using Video Prompting to Teach Addition to Students with Moderate Intellectual Disabilities*. Poster presentation of completed study at Crane Center for Early Childhood Research and Policy (CCEC) Symposium on Children. Columbus, OH.

Dueker, S. A. (July 2017). *Using Video Prompting to Teach Addition to Students with Moderate Intellectual Disabilities*. Poster presentation of completed study at OSU Research Methodology Center's Methods Festival. Columbus, OH.

Dueker, S. A. (July 2017). *Using Technology to Teach Academics to Students with Moderate to Profound Disabilities: A Literature Review*. Poster presentation of completed study at OSU Research Methodology Center's Methods Festival. Columbus, OH.

Dueker, S. A. (February 2017). *Comparing Video Prompting Against In-Vivo Prompting to Teach Two Personal Care Skills*. Demonstration presentation of completed study at the Ohio State University Education and Human Ecology Student Research Forum. Columbus, OH.

Dueker, S. A. (February 2016). *Comparison of Video Prompting Versus In-Vivo in Acquisition of Self-Care Daily Living Skills*. Poster presentation of proposed study at the Ohio State University Education and Human Ecology Student Research Forum. Columbus, OH.

TEACHING

Ball State University Muncie, IN

SPCE400: Mathematics Interventions for Students with Disabilities

Content Specialist/Instructor of Record Autumn 2020 - Present

- Semester-long course for undergraduate students on mathematics instruction
- Used face-to-face format to present the class materials
- Maintained records as specified by university requirements
- Created course materials and Canvas shell

Ball State University Muncie, IN

SPCE609: Introduction to Applied Behavior Analysis

Content Specialist/Instructor of Record Autumn 2018 - Present

- Semester-long course for graduate students on concepts related to applied behavior analysis
- Used online format to present the class materials
- Maintained records as specified by university requirements
- Maintained course materials in Canvas each semester

The Ohio State University Columbus, OH

ESSPED8921: Ethical and Legal Issues in Special Education

Instructor of Record Summer 2018

- Semester-long course for graduate students on ethical considerations in special education and applied behavior analysis
- Created and used hybrid online format to present the class materials
- Maintained records as specified by university requirements

The Ohio State University Columbus, OH

ESSPED5736: Methods of Instruction for Students with Moderate/Intensive Disabilities I

Instructor of Record

Autumn 2017

- Semester-long course for both graduate and undergraduate students
- Material included creation of Individualized Education Programs and assessment
- Utilized active responding in combination with lecture to guide students learning
- Maintained records as specified by university requirements

The Ohio State University

Lima, OH

ESSPED5742: Applied Behavior Analysis for Teachers

Instructor of Record

Summer 2017

- Summer-long semester course on applied behavior analysis for use in classrooms
- Semester-long course for both graduate and undergraduate students
- Adapted syllabus for compressed summer format
- Included the use of discussion boards to increase student engagement with materials
- Maintained records as specified by university requirements

Ohio State University

Columbus, OH

Student Teacher Supervisor

August 2015-May 2016

- Provide guidance and monitoring for special education undergraduate student teachers
- Collaborate with mentor teachers to determine target skills in need of additional training
- Observed teaching sessions and provided feedback based on existing scoring rubric

The Ohio State University

Columbus, OH

ESSPED5737: Methods of Instruction for Students with Moderate/Intensive Disabilities II

Graduate Teaching Assistant

Spring 2016

- Spring semester course on behavioral methods of instruction in classrooms
- Graded assignments and aided students

The Ohio State University

Columbus, OH

ESSPED5738: Reading Instruction for Children with Disabilities or Severe Reading Deficits

Graduate Teaching Assistant

Spring 2016

- Spring semester course on behavioral methods of instruction in classrooms
- Graded assignments and aided students

The Ohio State University

Columbus, OH

Guest Lecturer

February 2017

- Special education course 5742: *Applied Behavior Analysis for Teachers*
- Single lecture on functions of behavior, analysis of behavior, and strategies for behavior change

Guest Lecturer

March 2016

- Special education course: *Methods of Instruction II for Children with Moderate/Intensive Disabilities*
- Single lecture on instruction for personal and daily living skills and health needs

Guest Lecturer November 2015

- Special education course: *Introduction to Applied Behavior Analysis*
- Single lecture on graphing conventions and functional analysis of behavior

Guest Lecturer November 2015

- Special education course: *Advanced Applied Behavior Analysis*
- Single lecture on use of group contingencies in classrooms

SERVICE

Director of Doctoral Program Muncie, IN
Special Education July 2019 to Present

- Point of contact for potential candidates for Ball State EdD program in Special Education
- Chair of Doctoral Program committee
- Organize and facilitate interviews of potential candidates
- Advise newly admitted students until a dissertation chair has been appointed

Council for Exceptional Children (CEC)
Conference Proposal Reviewer May 2020 to June 2020

- Review submissions for Innovations in Special Education Technology for the 2020 Annual Conference of the Council for Exceptional Children (CEC) to be held in Baltimore, MD

Journal of Developmental and Physical Disabilities
Journal Article Reviewer February 2020 to March 2020

- Invited guest reviewer for submitted article for the journal

Behavior Analysis in Practice
Journal Article Reviewer November 2019 to December 2019

- Invited guest reviewer for submitted article for the journal

Focus on Autism and Other Developmental Disabilities
Journal Article Reviewer September 2019 to June 2020

- Invited guest reviewer for submitted articles for the journal

Department of Special Education Committees Muncie, IN
Doctoral Studies Committee - Chair September 2019 to Present

- Lead the committee that reviews doctoral applications and provides input into doctoral program policies and procedures

Personnel Selection Committee September 2019 to Present

- Provide input on hiring decisions for the department

Tucker Grant Committee September 2018 to May 2019

- Review submissions for both research and travel grants for Ball State students

Ad Hoc Diversity Committee

October 2018 to May 2019

- Working with other committee members to draft a diversity statement for the department based on both university policy and statements from similar institutions

Ad Hoc ASL Contract Faculty Search Committee

November 2018 to December 2018

- Reviewed applications, interviewed candidates, and aided in recommending a hire for an open contract faculty position

Muncie Community Schools Volunteer

August 23, 2018

- Provided support to school staff during a Back-To-School event for North View Elementary school.

American Educational Research Association (AERA)

Conference Proposal Reviewer

July 2018 to August 2020

- Review submissions for Division C – Learning and Instruction/Division C - Section 1c: Mathematics for the 2020 Annual Meeting of the American Educational Research Association (AERA) to be held in San Francisco, CA
- Review submissions for Division B - Curriculum Studies/Division B - Section 4: Policies and Politics (The Webbing of Curriculum) for the 2019 Annual Meeting of the American Educational Research Association (AERA) to be held in Toronto, ON
- Provide feedback for all assigned proposals
- Meet all deadlines for reviews to allow enough time for submitters to be notified

Higher Education Consortium for Special Education (HECSE)

Columbus, OH

Doctoral Student Representative

January 2017 to May 2018

- Disseminate information relevant to special education to parties inside and outside the university
- Participate in lobbying and related activities to further the messaging of the organization
- Attend annual meeting in Washington, DC for lobbying efforts related to special education
- Selected as one of ten doctoral students to attend seminar in Washington DC

Graduate Studies Committee Member

Columbus, OH

Student Representative

September 2016 to May 2018

- Sole student representative to the committee to oversee and administer the graduate degree programs for education
- Act as liaison between the Graduate School and the Graduate Faculty members in the program
- Approve departmental program changes and petitions from students with full voting rights

Education and Human Ecology Research Forum

Columbus, OH

Project Reviewer

November 2015, 2017

- Review and rate graduate student submissions to the EHE Research Forum
- Provide constructive feedback on submission to promote improvement

**Center for Sexual Education National Conference
Project Reviewer**

New Brunswick, NJ
May 2015

- Review and rate presentation proposals for 2015 national conference
- Utilized rubric to evaluate quality of presentations

FIELD EXPERIENCE

**Ball State University
Assistant Professor, Tenure Track**

Muncie, IN
August 2018-Present

- Primary responsibilities include teaching courses related to applied behavior analysis (ABA) primarily via distance education
- Engaging in scholarly activities including research
- Program evaluation
- Grant writing
- Serving on doctoral committees
- Providing service to the university and community

**Autism Center for Enrichment
Consulting Behavior Analyst**

Greenfield, IN
April 2019-Present

- Create and oversee treatment plans for learners with varying levels of developmental disabilities
- Provide consultation services for up to three clients
- Provide consultation services for schools
- Train staff on behavior analytic techniques

**Partnership for Behavior Change
Senior Behavior Analyst**

South Bend, IN
November 2014-Present

- Create treatment plans for learners with varying levels of developmental disabilities
- Maintain client load of up to four and clients
- Provide consultation services for clients and schools
- Oversee implementation of the treatment plans by behavior technicians
- Train staff on behavior analytic techniques

**Behavior Analysis Center for Autism
Clinical Director**

Elkhart, IN
June 2011-November 2014

- Oversaw clinical operations for a clinic with 15 to 20 clients diagnosed with autism and other developmental disabilities
- Responsible for personnel and operations decision making
- Provided consultation services to behavior analysts and therapists
- Trained staff on behavior analytic techniques
- Presented seminars for parents and community organizations on disabilities and behavior analysis
- Conducted assessments for new clients and reassessments for current clients

AWARDS

The Ohio State University	Columbus, OH
William E. Loadman Dissertation Award	April 2019
• Recipient of the distinguished dissertation award for Special Education for 2018	
Thomas and Evelyn Stephens Scholarship in Special Education	August 2017-May 2018
• Sole recipient of \$2200 award	
• Scholarship for a graduate student planning on career in special education programs	
Cooper, Heron, and Heward Educational Scholarship	August 2016-May 2017
• Sole recipient of \$1500 award	
• Scholarship for doctoral student in special education/applied behavior analysis program	
Marilyn Ruth Hathaway Educational Scholarship	August 2015-May 2016
• One of 10 recipients of \$750 award	
• Scholarship for students preparing to become teachers	

HONORS

Council for Exceptional Children, Division of Research Doctoral Student Scholar	2017-2018
• One of ten doctoral students selected from international nominations by the Division of Research Committee.	
Cambridge Center for Behavioral Studies, Student Fellow	2016-2018
• Nominated position that provided opportunities to interact with and learn from figures in the field of behavior analysis	
• Conducted projects for the center to improve the website and connect with trustees	

CERTIFICATIONS

Board Certified Behavior Analyst, 2014 (1-14-16045)
Licensed Behavior Analyst, Michigan (7401000930)
R.E.A.C.H. Suicide Gatekeeper

AFFILIATIONS

American Educational Research Association, Member	2018 to Present
Association of Professional Behavior Analysts, Member	2018 to Present
Association for Behaviour Analysis Australia (ABAA), Member	2016 to Present
Hoosier Association for Behavior Analysis (HABA), Member	2012 to Present
Council for Exceptional Children (CEC), Member	2015 to Present
• Division of Research	
• Division on Autism and Developmental Disabilities	
• Innovations in Special Education Technology Division	
Association for Behavior Analysis International (ABAI), Member	2015 to Present

- Dissemination Special Interest Group
- Verbal Behavior Special Interest Group

Cambridge Center for Behavioral Studies, Distinguished Scholar
Ohio Association for Behavior Analysis (OHABA), Member

2016 to 2018
2015 to 2018