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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
August 2022 – Present

- *Analysis of mathematical success through a culturally relevant lens: Analysis of standardized assessment scores worldwide*
- Comparing scores across grades and years to identify trends
- Compare scores across countries using available data for correlations
- Make recommendations about improving scores based on data analysis

Ball State University Muncie, IN
February 2022 – Present

- *Skinner's Walden Two: an examination of the novel as an introductory behavior analytic text*
- Comparing the behavior analytic terminology used in textbooks and the Behavior Analysis Certification Board Task List to use in Skinner's *Walden Two*
- Qualitative analysis of entries to identify main themes in the novel
- Preparation of supplementary materials linking behavior analytic terminology to the novel for use in classrooms

Ball State University Muncie, IN
January 2023 – Present

- *Tier 2 math interventions to increase math fluency in elementary students*
- Single-case research project to evaluate the efficacy of timed fluency measures on acquisition of math fluency in basic operations

- Utilized a brief functional analysis to determine most effective teaching method prior to teaching
- Identified social validity of the intervention from students

PUBLICATIONS

Journal Articles

Published Peer Reviewed

Hansford, N., **Dueker, S.A.**, Garforth, K., Grande, J. D., King, J., & McGlynn, S. (2025). An exploratory quantitative analysis of research on balanced literacy and structured literacy. *Discover Education*, 4(488). <https://doi.org/10.1007/s44217-025-00922-8>

Powell, S. R., Barnes, M. A., Root, J. R., Hughes, E. M., Ketterlin-Geller, L. R., Nelson, G., Allsopp, D. H., Witzel, B. S., Myers, J. A., Flores, M. M., Lembke, E. S., Burns, M. K., Namkung, J. M., Poncy, B. C., Ennis, R. P., Morin, L. L., Arsenault, T. L., Doabler, C. T., Hinton, V. M., Satsangi, R., Kong, J. H., Jimenez, B. A., Bundock, K., Codding, R. S., King, S. G., **Dueker, S. A.**, Arizmendi, G. D., Gilley, D., Brafford, T., Stevens, E. A., Clarke, B., Riccomini, P. J., Peltier, C., Mulcahy, C. A., Watt, S. J., Cool, S. C. (2025). The NCTM/CEC Position Statement on teaching mathematics to students with disabilities: What's in it and what's not. *Research in Special Education*, 2. <https://riseopenjournal.org/article/id/2796/>

Hansford, N., **Dueker, S. A.**, King, J., Grande, J. D., McGlynn, S., & Garforth, K. C. (2024). Reading Recovery: A large-scale meta-analysis. *Discover Education*, 3(261). <https://doi-org.proxy.bsu.edu/10.1007/s44217-024-00353-x>

Dueker, S. A. & Grande, J. D. (2024). Diagnosis, remediation, and error correction for mathematics: How to teach pre-service teachers. *Journal of Special Education Preparation*.

Dueker, S. A. & Desai, V. (2023). Assessing the use of treatment fidelity checks in clinical practice: a survey and analysis. *Education and Treatment of Children*. <https://doi.org/10.1007/s43494-023-00098-6>

Dueker, S. A. and Day, J. M. (2022) Using standardized assessment to identify and teach prerequisite numeracy skills to learners with disabilities using video modeling. *Psychology in the Schools*. 59(5), 1001–1014. <https://doi.org/10.1002/pits.22473>

Dueker, S. A. & Desai, V. (2021). Considerations for using virtual manipulatives and an explicit instruction format in a virtual learning environment. *Thresholds in Education*. 45(1). 87–104.

Brock, M. E., **Dueker, S. A.**, & Barczak, M. A. (2021). 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*. 44(3). 206–220.

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.

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.

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.

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*, 35(2), 67-78. 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.

Published Non-Peer Reviewed

Dueker, S. A. (2023). Considerations for using virtual manipulatives in an explicit instruction format in a virtual learning environment. In A. Markelz, (Ed.), *TED 2022 Conference Proceedings: Building Bridges* (pp 16–20). Teacher Education Division of the Council for Exceptional Children, Richmond, VA.

Dueker, S.A., 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.A.**, 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 Peer Reviewed

Accepted Peer Reviewed

Submitted Peer Reviewed

Zoder-Martell, K. A., Sciuchetti, M. B., **Dueker, S. A.**, Sass, K., Pellegrino, A. J., & Fields, A. (2024). Improving oral reading fluency in students with Autism Spectrum Disorder through individualized academic interventions. Manuscript submitted for publication in *Journal of Behavioral Education*.

Books/Book Chapters

Peer Reviewed Published Books/Book Chapters

Peltier, C. and **Dueker, S. A.** (2024). Quality Mathematics Interventions for Elementary Students. In P. Williamson and B. Hott (Eds.), *Quality Instruction and Intervention: Strategies for Elementary Educators*: Rowman & Littlefield. (October 2024)

Dueker, S. A. & Chitiyo, A. (2022). Creating culturally relevant mathematics word problems across the MTSS spectrum. In W. C. Hunter, J. C. Taylor, and L. A. Scott (Eds.), *The Mixtape Volume 1: Culturally Sustaining Practices within MTSS featuring the Everlasting Mission of Student Engagement*. (Ch. 15). Council for Exceptional Children: Reston, VA.

In Press

Accepted

Submitted

In Preparation

Peer Reviewed Journal Articles

Dueker, S. A., Grande, J. D., & Desai, V. (2024). Skinner's Walden Two: An examination of the novel as an introductory behavior analytic text. Manuscript in preparation.

Dueker, S. A. & Grande, J. D. (2024). Preparing for School: How Mathematics Content in ABA-Based Programming Aligns With School Standards. Manuscript in preparation.

Dueker, S. A., Zoder-Martell, K., Grande, J. D., & Pellegrino, A. J. (2024) Tier 2 math interventions to increase math fluency in elementary students. Manuscript in preparation.

Weintraub, D. R., Dogan, R. K., & **Dueker, S. A.** (2023). Mask wearing during the COVID-19 pandemic and how it affects the special needs community. Manuscript submitted for publication in Preventing School Failure: Alternative Education for Children and Youth.

Dueker, S. A. & Desai, V. (2022). Using matrix training delivered via iPad to generalize additional descriptors for tacts in preschool children with ASD. Manuscript submitted for publication to Journal of Special Education Technology.

Dueker, S. A. and Cannella-Malone, H. I. Comparing video prompting against most-to-least prompting to teach two personal care skills. Manuscript in preparation.

Dueker, S. A. Using technology to teach academics to students with moderate to profound disabilities: A literature review. Manuscript in preparation.

Dueker, S. A. Creating independent learners by fading video prompts: A practitioner's guide. Manuscript in preparation.

GRANTS

Funded

Ball State University Muncie, IN

Office of the Vice Provost for Academic Affairs

- Awarded March 2025
- Project: "Course Mapping and Alumni Survey Analysis for ABA and Autism Courses for Accreditation Purposes"
- \$1,000 budget for materials and personnel

Ball State University Muncie, IN

Office of the Vice Provost for Academic Affairs

- Awarded April 2024
- Project: "Assessment Metrics Development for Application for Accreditation by ABA Governing Body"
- \$1,000 budget for materials and personnel

Ball State University Muncie, IN

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, IN

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

Unfunded

Ball State University

Muncie, IN

U. S. Department of Education, Office of Special Education & Rehabilitative Services

- Submitted summer 2023
- Project: “Project LEADER: Leadership in Education for Achieving Diversity, Equity, and Representation”
- \$1,299,413 budget for materials and personnel over five years
- Competitive award
- Non-funding decision received September 2023

Ball State University

Muncie, IN

Spencer Foundation Small Research Grant

- Submitted summer 2022
- Project: “Evaluating the Effectiveness of a Mathematics Workshop of Self-Assessment of Readiness of Pre-Service Special Education Teachers to Teach Mathematics”
- \$46,784 budget for materials and personnel
- Competitive award
- Non-funding decision received February 2023

Ball State University

Muncie, IN

Spencer Foundation Small Research Grant

- Submitted summer 2021
- Project: “Evaluating the Effectiveness of a Mathematics Workshop of Self-Assessment of Readiness of Pre-Service Special Education Teachers to Teach Mathematics”
- \$43,436 budget for materials and personnel
- Competitive award
- Non-funding decision received January 2022

Submitted

Ball State University

Muncie, IN

Office of the Vice Provost for Academic Affairs

- Submitted February 2025
- Project: “ABA and Autism Curriculum Assessment: Creating Course Maps and Alumni Surveys to Fulfill Accreditation Requirements”
- \$1,000 budget for materials and personnel

PEER-REVIEWED PRESENTATIONS

International

Dueker, S. A. and Grande, J. D. (May 2025). *Preparing for school: How mathematics content in ABA-based programming aligns with school standards: A review and analysis*. Oral presentation of in-progress study at Association for Behavior Analysis International annual conference.

Dueker, S. A. (May 2024). *Walden Two: An analysis of behavioral concepts in Skinner’s novel*. Oral presentation of in-progress study at Association for Behavior Analysis International annual conference.

Dueker, S. A. (May 2022) *Using Matrix Training Delivered via iPad to Generalize Additional Descriptors for Tacts in Children With Autism Spectrum Disorders*. Poster presentation of completed study at Association for Behavior Analysis International annual conference.

Dueker, S. A. (February 2022) *Using an iPad to deliver a matrix training protocol to increase the mean length of utterance for learners with autism and emerging vocal ability*. Poster presentation of completed study at Council for Exceptional Children annual conference. (virtual)

Dueker, S. A. (January 2022). *How to create interventions for mathematics using video modeling based on summative assessment results.* Poster presentation of completed study at Council for Exceptional Children annual conference. Orlando, FL

Dueker, S. A. and Day, J. M. (July 2021). *How to create interventions for mathematics using video modeling based on summative assessment results.* Presentation of a research study on the use of mathematics assessments and video modeling at Association for Behaviour Analysis Australia National Conference, Melbourne, Australia (online).

Dueker, S. A., Day, J. M. (May 2021). *Using standardized assessment to identify and teach prerequisite numeracy skills to learners with disabilities using video modeling.* Poster presentation of completed study at Association for Behavior Analysis International Annual conference. (virtual)

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., (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., Day, J. M. (November 2025). *Teaching Pre-requisite Math Skills to Learners With Disabilities Using Video Modeling.* Invited presentation of completed study at Ohio Center for Autism and Low Incidence (OCALI) Annual Convention. Columbus, OH.

Dueker, S. A. (January 2024) *Teaching pre-requisite math skills to learners with disabilities using video modeling.* Presentation of published research at Division on Autism and Developmental Disabilities (Council for Exceptional Children) annual conference.

Dueker, S. A. (October 2023) *Video Prompting for Teaching Mathematics.* Invited paper presentation at the Michigan Autism Conference annual event. Kalamazoo, MI.

Dueker, S. A. (November 2022) *Considerations for using virtual manipulatives in an explicit instruction format in a virtual learning environment.* Presentation of published research at Teacher Education Division of Council for Exceptional Children annual conference.

Dueker, S. A., Day, J. M. (November 2020). *Teaching Pre-requisite Math Skills to Learners With Disabilities Using Video Modeling.* Hands-on interactive presentation of completed study at Ohio Center for Autism and Low Incidence (OCALI) Annual Convention. Columbus, OH.

Barczak, M., **Dueker, S. A.** (November 2020). *Using Videos to Individualize Instruction.* 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.**, 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., Andzik, N., Schaefer, 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

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

Current

Ball State University Muncie, IN
SPCE400: Mathematics Interventions for Students with Disabilities
Content Specialist/Instructor of Record Autumn 2020 - Present

- Created course content for initial offering of the courses
- 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
<ul style="list-style-type: none"> • 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 	
Ball State University	Muncie, IN
SPCE630: Research Methods for Behavior Analysis	
Content Specialist/Instructor of Record	Spring 2024 - Present
<ul style="list-style-type: none"> • Semester-long course for graduate students on single-case research design used in applied behavior analysis research and clinical settings • Used online format to present the class materials • Maintained records as specified by university requirements • Maintained course materials in Canvas each semester 	
Ball State University	Muncie, IN
SPCE702: Doctoral Seminar: Learning, Behavioral, and Developmental Disabilities and Special Needs	
Content Specialist/Instructor of Record	Autumn 2021 - Present
<ul style="list-style-type: none"> • Revised existing course from materials of previous instructor • Semester-long course for doctoral students on Universal Design for Learning, Response to Intervention, and Differentiated Classrooms • Hybrid course offering • Offered subject-matter expert speakers as part of course content • Maintained records as specified by university requirements • Created course materials and Canvas shell 	
Ball State University	Muncie, IN
SPCE709: Doctoral Seminar: Behaviorology	
Content Specialist/Instructor of Record	Spring 2022 - Present
<ul style="list-style-type: none"> • Revised existing course from materials of previous instructor • Semester-long course for doctoral students on advanced behavioral concepts • Hybrid course offering • Maintained records as specified by university requirements • Created course materials and Canvas shell 	
Ball State University	Muncie, IN
DISS 799: Dissertation	
Content Specialist/Instructor of Record	Spring 2023 - Present
<ul style="list-style-type: none"> • Supervised doctoral student through the dissertation process 	
Ball State University	Muncie, IN
SPCE605: Independent Study	
Content Specialist/Instructor of Record	Spring 2023
<ul style="list-style-type: none"> • Supervised doctoral student as substitute course for one not offered 	

Previous

The Ohio State University Columbus, OH

ESSPED8921: Ethical and Legal Issues in Special Education

Adjunct 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

Adjunct 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

Adjunct 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • Special education course 5742: <i>Applied Behavior Analysis for Teachers</i> • Single lecture on functions of behavior, analysis of behavior, and strategies for behavior change 	
Guest Lecturer	March 2016
<ul style="list-style-type: none"> • Special education course: <i>Methods of Instruction II for Children with Moderate/Intensive Disabilities</i> • Single lecture on instruction for personal and daily living skills and health needs 	
Guest Lecturer	November 2015
<ul style="list-style-type: none"> • Special education course: <i>Introduction to Applied Behavior Analysis</i> • Single lecture on graphing conventions and functional analysis of behavior 	
Guest Lecturer	November 2015
<ul style="list-style-type: none"> • Special education course: <i>Advanced Applied Behavior Analysis</i> • Single lecture on use of group contingencies in classrooms 	
SERVICE	
University Related	
Professional Development School Liaison	
East Washington Academy (Muncie Community Schools)	September 2023 to Present
<ul style="list-style-type: none"> • Provide consulting support to administration and teachers for academic and behavioral issues • Provide professional development for school personnel • Data collection and analysis for academic and behavior issues across all elementary grades 	
Financial and Budgetary Affairs Committee	
Committee Member	September 2023 to Present
<ul style="list-style-type: none"> • Committee chair • Review budgetary issues at the university level • Provide council concerning fiscal or budgetary policies affecting any significant portion of the university 	November 2024 to Present
Higher Learning Commission Executive Steering Committee	Muncie, IN
Committee Member	
Subcommittee: Criterion 2, Ethical and Responsible Conduct.	2021 to 2024

- Member of committee reviewing university policies and ensuring compliance with Higher Learning Commission expectations
- Collaborate on writing responses for two sections of Criterion 2

Undergraduate Education Committee

Committee Member

September 2022 to July 2023

- Review and approve curriculum changes for all undergraduate programs for the university

Department of Special Education Committees

Muncie, IN

Undergraduate Program in ABA - Director

July 2023 to Present

- Point of contact for all potential undergraduate students
- Manage accreditation status
- Complete adjunct peer evaluations
- Liaison to university departments for the program

Doctoral Program in Special Education - Director

July 2019 to July 2023

- Point of contact for all potential doctoral students
- Initial advisor for all newly admitted doctoral students
- Liaison to university departments for the program

Doctoral Studies Committee

September 2019 to 2024

Chair

September 2019 to July 2023

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

Curriculum Committee

September 2021 to Present

Salary and Merit Committee

September 2020 to Present

Personnel Selection Committee

September 2019 to Present

May 2022 to July 2024

- Committee chair
- Led successful faculty searches that resulted in eight academic hires for fall 2024
- Led four successful faculty searches in academic year 2022-2023
- Provide input on hiring decisions for the department

ABA/Autism Core

September 2018 to Present

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

University Mentoring**Doctoral Committee Chair**

Jill Grande, Special Education doctoral student Fall 2022 to Present

Doctoral Committee Chair

Beatrice O'Brien, Special Education doctoral student Fall 2022 to Present

Doctoral Committee Member

Luz Cruz, Special Education doctoral student Spring 2024 to Present

Doctoral Committee Member

Jayda Day, School Psychology doctoral student Fall 2020 to December 2023

Teacher-Scholar Mentor

Fall 2020 to Present

Selected by Vice-Provost for Research to act as a research mentor for an undergraduate student who would assist with a current research project.

Faculty Mentor

Fall 2024 to Present

Nichole Williams, Assistant Teaching Professor of Applied Behavior Analysis

Pathways Mentor

Spring 2025 to Present

Selected to serve as a mentor to an undergraduate or graduate student from a marginalized background

Carter Dumas, graduate student in Applied Behavior Analysis

Community**Division of Autism and Developmental Disabilities (Division of CEC)**

Member: Membership Development Committee July 2023 to Present

- The Membership Development Committee creates material and organizes plans to recruit members to the special interest group.

Innovations in Special Education Technology (Division of Council for Exceptional Children)

Chair: Professional Development Committee January 2022 to May 2023

Chair: Professional Development Committee January 2024 to May 2024

- The Professional Development committee prepares an ongoing plan for a variety of types of professional development opportunities for ISET sponsorship and the infrastructure for support of those activities. This committee also investigates and recommends to the ISET Executive Board cooperative efforts with other CEC Divisions and organizations.

Single-Case in the Social Sciences (SCSS)	
Editorial Board Member	July 2023 to Present
Journal Article Reviewer	July 2023 to Present
• Reviewer for submitted articles for the journal	
Focus on Autism and Other Developmental Disabilities	
Editorial Board Member	September 2022 to Present
Journal Article Reviewer	September 2019 to Present
• Reviewer for submitted articles for the journal	
Journal of Special Education Apprenticeship	
Editorial Board Member	January 2022 to Present
Journal Article Reviewer	January 2021 to Present
• Reviewer for submitted articles for the journal	
Journal of Special Education Preparation	
Editorial Board Member	January 2021 to Present
Journal Article Reviewer	January 2021 to Present
• Reviewer for submitted articles for the journal	
Behavior and Social issues	
Journal Article Reviewer	July 2023 to Present
• Reviewer for submitted articles for the journal	
Teaching Exceptional Children	
Journal Article Reviewer	June 2023 to Present
• Reviewer for submitted articles for the journal	
Institute of Electrical and Electronics Engineers (IEEE) Access	
Journal Article Reviewer	April 2023 to Present
• Reviewer for submitted articles for the journal	
Insights into Learning Disabilities	
Journal Article Reviewer	January 2023 to Present
• Reviewer for submitted articles for the journal	
Remedial and Special Education	
Journal Article Reviewer	November 2022 to Present
• Reviewer for submitted articles for the journal	
Journal of Special Education Technology	
Journal Article Reviewer	February 2022 to Present
• Reviewer for submitted articles for the journal	
Review Journal of Autism and Developmental Disorders	
Journal Article Reviewer	January 2021 to Present

- Reviewer for submitted articles for the journal

International Journal of Developmental Disabilities

Journal Article Reviewer

January 2021 to Present

- Reviewer for submitted articles for the journal

Journal of Developmental and Physical Disabilities

Journal Article Reviewer

February 2020 to Present

- Reviewer for submitted articles for the journal

Behavior Analysis in Practice

Journal Article Reviewer

November 2019 to Present

- Reviewer for submitted articles for the journal

Council for Exceptional Children (CEC)

Conference Proposal Reviewer

May 2020 to Present

- 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
- Review submissions for Teacher Education Division 2022 annual conference in Richmond, VA.

American Educational Research Association (AERA)

Conference Proposal Reviewer

July 2018 to Present

- 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 Webblings 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

The Science of Math

2021 to Present

Affiliate member

- Provide expertise in the website material
- Assist in disseminating best practices in math instruction
- Assist in leading a monthly book club for practitioners and students of education

Single-Case Research Design Chat (#SCRDChat)

2021 to Present

Contributing Expert

- Manage a Twitter chat on single-case research design components
- Provide talking points about a topic within SCRD research and moderate the Twitter discussion in real time
- Provide feedback to participants and support other presenters

PROFESSIONAL DEVELOPMENT

Faculty Externship

Mursix Corporation, Yorktown, IN

Summer 2023

- Paired with a community partner to learn more about their processes and methods
- Identified skills common between human resources and training and teacher preparation
- Spent time reviewing training procedures and policies
- Observed onboarding process and training sessions

Institute of Education Sciences (IES) Research Training Institute on Single-Case Intervention

Research Design and Analysis

Madison, WI

May, June, July 2022

- Competitive selection process for admission to the institute
- Online and in-person training on the use of advanced statistical research methods for single-case design
- Collaborated with colleagues on fictitious projects designed to practice methods taught at the institute
- Four online sessions of approximately three hours each plus four and a half days of in-person meetings in Madison, WI

Open Educational Resources Summer Group

Ball State, Muncie, IN

Summer 2022

- Received training on open access resources and other low/no cost items that may be used in classes to reduce student costs
- Learned how to review open access educational material for quality and efficacy for courses
- Revised an existing undergraduate syllabus (SPCE 400) to include open educational resources

NACE Career-Readiness Skills Infusion Program

Ball State, Muncie, IN

Spring 2022

- Learned about core competencies described by the National Association of Colleges and Employers (NACE)
- Aligned current undergraduate content to NACE competencies (SPCE 400)
- Revised an existing undergraduate syllabus (SPCE 400) to reflect connection of assignments to NACE competencies for use in Fall 2022

High Impact Practices – Faculty Learning Community: Undergraduate Research

Ball State, Muncie, IN

Fall 2021

- Learned methods used to include research components into undergraduate core courses
- Discussed the rationale for including high impact practices in undergraduate courses
- Created a new syllabus for an undergraduate course (SPCE 400) that included undergraduate research to be used in a future semester

FIELD EXPERIENCE

Ball State University Muncie, IN
Assistant Professor, Tenure Track August 2018-Present

- Primary responsibilities include teaching courses related to applied behavior analysis (ABA), mathematics instruction, and special education, 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 Greenfield, IN
Consulting Behavior Analyst April 2019- April 2020

- 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 South Bend, IN
Consulting Behavior Analyst November 2014-July 2015

- Create treatment plans for learners with varying levels of developmental disabilities
- Maintain client load of up to four 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 Elkhart, IN
Clinical Director 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

Ball State University Muncie, IN
Teachers College Outstanding Teaching Award April 2025

- Recipient of the Outstanding Teaching Award for Teachers College
- Nominated and selected by a committee representing all TC departments

East Washington Academy/Muncie Schools Muncie, IN
Community Partner of the Year Award April 2025

- Given for my work as Professional Development School Liaison to East Washington Academy for the 2024-2025 academic year

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, Doctoral 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) May 2014 to Present

Licensed Behavior Analyst, Indiana (95000081A) June 2025 to Present

R.E.A.C.H. Suicide Gatekeeper

AFFILIATIONS

American Association for the Advancement of Science (AAAS) 2021 to Present

Council for Exceptional Children (CEC), Member 2015 to Present

- Division of Research (DR)
- Division on Autism and Developmental Disabilities (DADD)
- Innovations in Special Education Technology Division (ISET)
- Teacher Education Division (TED)
- Division of International Special Education and Services (DISES)

Association for Behavior Analysis International (ABAI), Member 2015 to Present

• Dissemination Special Interest Group	
• Verbal Behavior Special Interest Group	
Association for Behaviour Analysis Australia (ABAA), Member	2016 to Present
American Educational Research Association, Member	2018 to Present
Association of Professional Behavior Analysts, Member	2018 to Present
National Council of Teachers of Mathematics, Member	2018 to Present
Hoosier Association for Behavior Analysis (HABA), Member	2012 to Present
• Conference committee member, poster session lead	2019
Cambridge Center for Behavioral Studies, Distinguished Scholar	2016 to 2018
Ohio Association for Behavior Analysis (OHABA), Member	2015 to 2018