

Marcella M. Hangen, Ph.D., BCBA-D, LBA
Curriculum Vitae

CONTACT INFORMATION

Address:

407 E El Caminito Dr
Phoenix, AZ 85020

Personal Phone: 785.979.3570

Email: mhangen@arizona.edu

EDUCATION

Behavioral Psychology

University of Kansas 2016-2020

Advisor: Pamela Neidert, Ph.D., BCBA-D

Degree: Ph.D. (July 2020)

Human Services Psychology: Applied Behavior Analysis

University of Maryland Baltimore County 2014-2016

Advisor: John Borrero, Ph.D., BCBA-D

Degree: M.A. (May 2016)

Applied Behavioral Science

University of Kansas 2010-2014

Advisor: Pamela L. Neidert, Ph.D., BCBA-D

Degree: B.A. with Honors, (May 2014) Applied Behavioral Science

PROFESSIONAL CERTIFICATIONS

Board Certified Behavior Analyst BCBA-D # 1-16-23036

Behavior Analysts Certification Board

Qualified RBT, BCaBA, and BCBA supervisor

2016-Current

Licensed Behavior Analyst # BEH-001340

Arizona Board of Psychologists Examiners, Arizona

2023-Current

Licensed Behavior Analyst # 105839

Bureau of Professional Licensure, Iowa

2021-Current

Licensed Behavior Analyst # 097

Behavioral Science Regulatory Board, Kansas

2016-2001

Licensed Behavior Analyst # 2019026676

Behavior Analyst Advisory Board, Missouri

2019-2021

National Provider Identifier, NPI# 1174960603
2013-Current

CAQH Provider, CAQH# 13928072
Council for Affordable Quality Healthcare
2016-Current

Pediatric/Adult First Aid & CPR
2013-Current

ACADEMIC APPOINTMENTS

Assistant Professor of Practice
Department of Behavior Analysis
School of Sciences and Health Professions
Simmons University
August 2024 – Current

Adjunct Professor
Department of Disability and Psychoeducational Studies
College of Education
University of Arizona
August 2024 – Current

Assistant Professor of Practice
Master of Arts in Applied Behavior Analysis
Department of Disability and Psychoeducational Studies
College of Education
University of Arizona
August 2022 – August 2024

Assistant Professor
Applied Behavior Analysis
Department of Psychology
Drake University
August 2021- August 2022

Visiting Assistant Professor
Applied Behavior Analysis
Department of Psychology
Drake University
August 2020-July 2021

GRANT ACTIVITY

Co-Principal Investigator (in collaboration with Christina Rivera)
Project OIC: Enhancing Preparation of Professionals through Online Interdisciplinary
Collaboration.
Submitted to U.S. Department of Education Office of Special Education and Rehabilitative
Services Personnel Preparation 84.325K

Total funds received \$1,143,922

RESEARCH EXPERIENCE

Graduate Researcher

University of Kansas

Supervisor: Pamela Neidert, Ph.D., BCBA-D

June 2016-July 2020

Graduate Researcher

University of Maryland, Baltimore County

Supervisor: John Borrero, PhD, BCBA-D

August 2015-May 2016

Undergraduate Research Assistant in Early Childhood Education

University of Kansas (12 credit hours)

Supervisor: Pamela Neidert, Ph.D., BCBA-D

June 2013-May 2014

TEACHING EXPERIENCE

Instructor

University of Arizona, MA Applied Behavior Analysis

Spring 2024

SERP 502: Behavior Principles and Disability- Assessment and Intervention

SERP 555: Personnel Supervision and Management

SERP 529a: Advanced Positive Behavior Support

SERP 599 Language, Communication and Behavior Principles 2

Fall 2023

SERP 502: Behavior Principles and Disability- Assessment and Intervention

SERP 555: Personnel Supervision and Management

SERP 529a: Advanced Positive Behavior Support

SERP 599: Project OIC Shared Practicum Planning

SERP 594: Project OIC Shared Practicum

Summer 2023

SERP 502: Behavior Principles and Disability- Assessment and Intervention

SERP 555: Personnel Supervision and Management

Spring 2023

SERP 502: Behavior Principles and Disability- Assessment and Intervention

SERP 555: Personnel Supervision and Management

SERP 402: Behavior Principles and Disability- Assessment and Intervention

Fall 2022

SERP 502: Behavior Principles and Disability- Assessment and Intervention

SERP 555: Personnel Supervision and Management

SERP 590: Single Subject Research Design (Co-instructor)

Drake University, MS Applied Behavior Analysis

Summer 2022

ABA 251: Theoretical Foundations of Behavior Analysis
ABA 292: Supervised Practicum in Applied Behavior Analysis

Spring 2022

ABA 263: Research Methods in Behavior Analysis
ABA 292: Supervised Practicum in Applied Behavior Analysis
ABA 294: Advanced Practicum and Capstone

Fall 2021

ABA 264: Behavioral Assessment
ABA 292: Supervised Practicum in Applied Behavior Analysis

Summer 2021

ABA 251: Theoretical Foundations of Behavior Analysis
ABA 292: Supervised Practicum in Applied Behavior Analysis

Spring 2021

ABA 262: Principles of Behavior Analysis
ABA 292: Supervised Practicum in Applied Behavior Analysis
ABA 293: Advanced Practicum in Applied Behavior Analysis

Fall 2020

ABA 262: Principles of Behavior Analysis
ABA 292: Supervised Practicum in Applied Behavior Analysis
ABA 263: Research Methods in Behavior Analysis

Graduate Teaching Assistant

The University of Kansas, Department of Applied Behavior Science

Spring 2020

ABSC 499, Early Childhood Research

Fall 2019

ABSC 499, Early Childhood Research

Summer 2019

ABSC 499, Early Childhood Research

Spring 2019

ABSC 499, Early Childhood Research

Fall 2018

ABSC 499/679, Early Childhood Research
ABSC 680, Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism

Summer 2018

ABSC 499, Early Childhood Research

Spring 2018

ABSC 499, Early Childhood Research

ABSC 680, Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism

Fall 2017

ABSC 499, Early Childhood Research

ABSC 680, Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism

Summer 2017

ABSC 499, Early Childhood Research

ABSC 675, Practicum Infant and Toddler Care and Early Intervention

Spring 2017

ABSC 499, Early Childhood Research

ABSC 675, Practicum Infant and Toddler Care and Early Intervention

Fall 2016

ABSC 499, Early Childhood Research

ABSC 675, Practicum Infant and Toddler Care and Early Intervention

Summer 2016

ABSC 499, Early Childhood Research

ABSC 675, Practicum Infant and Toddler Care and Early Intervention

CLINICAL EXPERIENCE

Board Certified Behavior Analyst- Drake University ABA Clinic

Blank Children's Hospital Developmental Clinic

Drake University

August 2020-August 2022

Board Certified Behavior Analyst- North Star Academy

Community Living Opportunities

University of Kansas

Supervisor: Pamela Neidert, Ph.D., BCBA-D

August 2019-August 2020

Assistant Program Coordinator

Edna A. Hill Child Development Center, University of Kansas

Supervisor: Pamela Neidert, Ph.D., BCBA-D

August 2018-July 2019

Case Manager- Little Step: Kansas Early Intervention Program

Department of Applied Behavioral Science

University of Kansas

Faculty Supervisors: Pamela Neidert, Ph.D., BCBA-D & Claudia Dozier, Ph.D., BCBA-D

August 2017-December 2018

Lead Classroom Supervisor- Sunnyside Toddler Classroom

Department of Applied Behavioral Science

University of Kansas

Faculty Supervisor: Pamela Neidert, Ph.D., BCBA-D & Claudia Dozier, Ph.D., BCBA-D

June 2016-July 2017 & June 2018-July 2018

Independent Contractor

Community Living Opportunities

Supervisor: Claudia Dozier, PhD, BCBA-D

October 2016-July 2017

Clinical Specialist

Kennedy Krieger Institute

Supervisors: Jennifer Zarcone Ph.D., BCBA-D & Cara Phillips, Ph.D., BCBA-D

June 2015-June 2016

Behavior Data Specialist

Kennedy Krieger Institute

June 2014-June 2015

Practicum in Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism

University of Kansas

Instructor: James Sherman, Ph.D., BCBA-D

January 2014-May 2014

Direct Behavior Therapist

Community Living Opportunities

2013-2014

Practicum in Toddler Care and Early Intervention, Sunnyside Toddler Program

University of Kansas

Instructor: Pamela Neidert, Ph.D., BCBA-D

August 2013-December 2013

Teacher: Edna A. Hill Child Development Center

University of Kansas

Supervisors: Pamela Neidert, Ph.D., BCBA-D & Claudia Dozier, Ph.D., BCBA-D

August 2011-July 2013

UNIVERSITY SERVICE

Committee Member

Department of Disability and Psychoeducational Studies Post-Doctoral Fellow Search Committee

University of Arizona

2023

College Council Member

College of Education

University of Arizona

2022-Current

Chair
DPS Social Committee
University of Arizona
2022-Current

Event Coordinator,
Graduate Student Committee Executive committee
University of Kansas
2019-2020

PROFESSIONAL SERVICE

Consultant- Functional Behavior Assessment
Phoenix Day School for the Deaf
2023

Volunteer Committee Member
Iowa ABA
2020-2022

Event Coordinator
Graduate Student Committee Executive committee
2019-2020

Volunteer
Mid-American Association for Behavior Analysis
2016-2018

Chair
Mid-American Association for Behavior Analysis
2017

Chair
Kansas Association for Behavior Analysis
2017

Volunteer
Kansas Association for Behavior Analysis
2017

Trainer
Kansas Center for Autism Research Training (KCART)
2016

Volunteer
Maryland Association for Behavior Analysis
2015

Research Assistant
Kennedy Krieger Institute

2015

VOLUNTEER

Special Olympics

Unified Basketball League
2019-2020

INTERNSHIPS

Direct Behavior Therapist

Community Living Opportunities
2012-2013

PUBLICATIONS

Journal Articles

Hangen, M. M., Romero, A. N., Norris, H. M., Gorycki, K. A., Roberts, B. R., & Neidert, P. L. (2023). An assessment of token value and effectiveness: A replication. *Journal of Applied Behavior Analysis, 56*(4), 898–913. <https://doi.org/10.1002/jaba.1011>

Kamana, B. U., Dozier, C. L., Kanaman, N. A., DiGennaro Reed, F., Glaze, S. M., Markowitz, A. M., Hangen, M. M., Harrison, K. L., Bernstein, A. M., Jess, R. L., & Erath, T. G. (2023). Large-scale evaluation of staff training in programs for adults with intellectual and developmental disabilities. *Behavioral Interventions, 1*–22. <https://doi.org/10.1002/bin.1971>

Hangen, M. M., Romero, A. N., Neidert, P. L., & Borrero J. C. (2020). Further measurement of other behavior during the differential reinforcement of other behavior. *Journal of Applied Behavior Analysis, 53*(4), 2385–2404. <https://doi.org/10.1002/jaba.736>

MANUSCRIPTS IN PRESS

Book Chapters

Hangen, M. M., Weyman, J. R., Valdovinos, M. (in press). Challenging behavior in IDD. In Valdovinos (Eds), *Intellectual and developmental disabilities: A dynamic systems approach*. Springer Nature

MANUSCRIPTS IN PREPARATION

Journal Articles

Harrison, K. L., Hangen, M. M., Romero, A. N., & Neidert, P. L. Effects of conditioning procedures on vocalization of children with minimal emerging echoic repertoire.

Romero, A. N., Hangen, M. M., & Neidert, P. L. Toward efficient toilet training of young children in early childcare programs.

Hangen, M. M., Romero, A. N., Norris, H. M., Roberts, B., Gorycki, K., & Neidert, P. L. An assessment of token value and effectiveness: Does token topography matter?

PAPER PRESENTATIONS

Hangen, M. M., WOOLBERT, R., Neidert, P. L., & Kuhn, R. (May, 2021) *A Systematic Review of the Literature on Teaching Graphing: Trends and Their Implications*. Paper presented at the 47th meeting of Association for Behavior Analysis International, Virtual.

Hangen, M. M., Romero, A. N., Norris, H. M., Roberts, B., Gorycki, K., & Neidert, P. L. (May, 2020) *An Assessment of Token Value and Effectiveness: Does Token Form Matter?* Paper presented at the 46th meeting of Association for Behavior Analysis International, Virtual.

Hangen, M. M., Romero, A. N., Neidert, P. L., & Borrero J. B. (May, 2019) *Further Measurement of Other Behavior During the Differential Reinforcement of Other Behavior*. Paper presented at the 45th meeting of Association for Behavior Analysis International, Chicago, IL.

POSTER PRESENTATIONS (presenting author(s) in bold)

Hangen, M. M., Norris, H. M., Romero, A. N., & Neidert, P. L. (2019, April). *An Assessment of Token Value and Effectiveness: Does Token Form Matter?* Poster presented at the meeting of Undergraduate Research Symposium, Lawrence, KS. *Award Winning Poster

Hangen, M. M., Norris, H. M., Romero, A. N., & Neidert, P. L. (2019, March). *An Assessment of Token Value and Effectiveness: Does Token Form Matter?* Poster presented at the Kansas Association for Behavior Analysis, Overland Park, KS.

Benson, M. E., Dyer, S. P., Harrison, K. L., Neidert, P. L., Bernstein, A. M., & Hangen, M. M. (2019, March). Evaluating the Effects of Escape Extinction to Increase Child Compliance with Essential Healthcare Procedures. Poster presented at the Kansas Association for Behavior Analysis, Overland Park, KS. *Award Winning Poster

Romero, A. N., Hangen, M. M., Neidert, P. L., & Holehan, K. M. (2019, March). Toward Efficient Toilet Training of Young Children in Early Childcare Programs. Poster presented at the Kansas Association for Behavior Analysis, Overland Park, KS.

Harrison, K. L., Romero, A. N., Hangen, M. M., & Neidert, P. I. (2018, May). A comparison of conditioning procedures for establishing vocalizations as conditioned automatic reinforcers. Paper presented at Association for Behavior Analysis International, San Diego, CA.

Harrison, K. L., Hangen, M. M., Romero, A. N., & Neidert, P. L. (February, 2018). Effects of conditioning procedures on vocalizations of children with minimal or emerging echoic repertoires. Paper presented at California Association for Behavior Analysis, Long Beach,

Hangen, M. M., Romero, A. N., Neidert, P. L., & Borrero J. B. (September, 2018) *Further Measurement of Other Behavior During the Differential Reinforcement of Other Behavior*. Poster presented at

the 18th meeting the Mid-American Association for Behavior Analysis, IL. *Award Winning Poster

Bernstein, A. M., Roane, H. S., **Hangen, M. M.**, Romero, A. N., Davis, C., Gold, S., Lewis, S. Neidert, P. L. (April, 2017) *Assessment and Treatment of Inadequate Self-Feeding Skills in Young Children*. Poster presented at the meeting of Kansas Association for Behavior Analysis, Overland Park, KS.

Bernstein, A. M., Roane, H. S., **Hangen, M. M.**, Romero, A. N., Neidert, P. L. (October, 2016) *Assessment and Treatment of Inadequate Self-Feeding Skills in Young Children*. Poster presented at the 16th meeting the Mid-American Association for Behavior Analysis, WI.

Hangen, M. M., Daly, M., Phillips, C. L. (May, 2016) *Unintended Manipulation of Motivation Operations for Competing Behavior*. Poster presented at the 42nd meeting of Association for Behavior Analysis International, Chicago, IL.

Hangen, M. M., Willse, L. V., Park, M., & Rolider, N. (May, 2015) *A Comparison of Functional Communication Consequences for Escape-maintained Problem Behavior*. Poster presented at the 41st meeting of Association for Behavior Analysis International, San Antonio, TX.

Hangen, M. M., Neidert, P. L., Greer, B. D., Moore, C. M., & Harrison, K. L. (May, 2014) *Stability of Preschoolers Preference for Tangible Edible Items*. Poster presented at the 40th meeting of Association for Behavior Analysis International, Chicago, IL.

Hangen, M. M., Neidert, P. L., Greer, B. D., Moore, C. M., & Harrison, K. L. (April, 2014) *Stability of Preschoolers Preference for Tangible Edible Items*. Poster presented at the meeting of Kansas Association for Behavior Analysis, Overland Park, KS.

Hangen, M. M., Neidert, P. L., Greer, B. D., Moore, C. M., & Harrison, K. L. (April, 2014) *Stability of Preschoolers Preference for Tangible Edible Items*. Poster presented at the meeting of Undergraduate Research Symposium, Lawrence, KS.

Hangen, M. M., Neidert, P. L., Greer, B. D., Moore, C. M., & Harrison, K. L. (April, 2014) *Stability of Preschoolers Preference for Tangible Edible Items*. Poster presented at the Applied Behavioral Science Annual Poster Fair, Lawrence, KS.

Hangen, M. M., Zonneveld, K. L. M., Neidert, P. L., & Bayles, M. W. (October, 2013). *Assessing dimensions of food reinforcers in children*. Poster presented at the 13th meeting of the Mid-American Association for Behavior Analysis, Milwaukee, WI. *Award-winning poster

EDITORIAL ACTIVITIES

Journal of Applied Behavior Analysis- Guest Reviewer
January 2024

Behavior Analysis: Research and Practice-Guest Reviewer
October 2021

Behavior Analysis: Research and Practice-Guest Reviewer
May 2021

AWARDS, RECOGNITIONS, & GRANTS

Course Certified Through Quality Matters (SERP 502- University of Arizona) Spring 2024-Spring 2027
Graduate Student Travel Grant, \$500, University of Kansas, 2020
The Tradition of Excellence Award, \$1,500, University of Kansas Student Endowment Board, 2019
Best Applied Poster Award, Mid-American Association for Behavior Analysis, 2018
Graduate Travel Grant, \$1,000, University of Maryland, Baltimore County, 2015
Barbra Etzel Award for Outstanding Achievement in Early Childhood Education, University of Kansas, 2014
Undergraduate Research Award, \$1,000, University of Kansas, 2014
Undergraduate Travel Award, \$500, University of Kansas, 2014
Best Applied Poster Award, Mid-American Association for Behavior Analysis, 2013

GRADUATE MENTEES

Kaleigh Vesely
Allison Canaday
Shalisa Johnson
Reyna Melendez
Lauren Slings
Antonio Sanchez
Tyler Beary
Lyndsey Wycoff
Sarah Potter
Mallory Johnson
Leah Cheatham
Maggie Fuller

NOTABLE UNDERGRADUATE MENTEES

Halle Norris

Undergraduate Research Award Winner, University of Kansas, Spring 2020
Outstanding Research Poster Presentation, University of Kansas, Applied Behavioral Science 2019

Morgan Benson

Todd R. Risley Award for Outstanding Achievement in Autism, University of Kansas, 2019
Outstanding Research Poster Presentation, Kansas Association for Behavior Analysis, 2019

Samantha Dyer

Outstanding Research Poster Presentation, Kansas Association for Behavior Analysis, 2019

Amanda Curtwright

Barbara Etzel Award for Outstanding Achievement in Early Childhood Education and Intervention, 2017

BCBA SUPERVISOR CONSULTEES

Anthony Hedgepeth

BCBA SUPERVISEES

Kaleigh Vesely

Allison Canaday
Shalisa Johnson
Reyna Melendez
Lauren Slings
Antonio Sanchez
Tyler Beary
Lyndsey Wycoff
Sarah Potter
Mallory Johnson
Leah Cheatham
Maggie Fuller
Morgan Benson
Jun Ai
Valerie Thompson
Rachel Foster
Kara Erikson

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Association for Behavior Analysis International, Member, 2013-present
Arizona Association for Behavior Analysis, Member, 2022-present
Association for Professional Behavior Analysis, Member, 2023- present
Iowa Association for Behavior Analysis, Member, 2020-2022
Maryland Association for Behavior Analysis, Student Member, 2014-2016
Kansas Association for Behavior Analysis, Student Member, 2014; 2017-2019
Mid-American Association for Behavior Analysis, Student Member, 2013; 2016-2019