

CASEY J. CLAY
CURRICULUM VITAE

Utah State University
Department of Special Education and Rehabilitation Counseling
casey.clay@usu.edu

EDUCATION

- 2015- 2016 **Post-Doctoral Fellow**
University of Missouri, Columbia, MO
Thompson Center for Autism and Neurodevelopmental Disabilities
Department of Health Psychology
Advisor: Dr. SungWoo Kahng
- 2011-2015 **Ph.D., Disability Disciplines, Special Education**
Utah State University, Logan, UT
Advisors: Dr. Sarah Bloom and Dr. Timothy Slocum
Concentration: Applied Behavior Analysis
Dissertation: Assessing preference for home language or English praise in English language learners with disabilities.
- 2007-2010 **M.S., Applied Behavior Analysis**
Northeastern University, Boston, MA
Advisor: Dr. Jason Bourret
Thesis: An analysis of the effects of reinforcers arranged in choice contexts.
- 2003-2007 **B.S., Psychology**
Utah State University, Logan, UT
Minor: Human Resource Management

ACADEMIC APPOINTMENTS

- 2023-current **Assistant Professor**, Utah State University
- 2022-current **Assistant Adjunct Professor (WOS)**, University of California, Irvine
- 2022-2023 **Adjunct Professor**, Online Program, Endicott College
- 2020-2022 **Affiliated Faculty**, Chapman University
- 2018- 2020 **Assistant Professor**, University of Missouri
Program Director, Master's in Applied Behavior Analysis Program
Verified Course Sequence Coordinator, MS in ABA Program

2017-2018 **Assistant Professor**, Department of Health Psychology, University of Missouri

2016-2017 **Visiting Assistant Professor**, Department of Health Psychology, University of Missouri

CERTIFICATION AND LICENSURE

2010-current Board-Certified Behavior Analyst-Doctoral (BCBA-D), #1-10-7376
2023-current Licensed Behavior Analyst, State of Utah, # 13490256-2506

PROFESSIONAL EXPERIENCE

8/2023-current **Visiting Scientist**, Children's Hospital of Orange County

1/2020-8/2023 **Director of Behavior Clinics**
Thompson Autism Center, Children's Hospital of Orange County, Orange, CA
Supervisor: Matthew Lazari, Wendy Altamirano

8/2018-12/2019 **Interim Director of ABA Clinical Services**
Thompson Center for Autism and Neurodevelopmental Disorders, Columbia, MO, Applied Behavioral Intervention Services division
Supervisor: Steven Kanne, Ph.D., ABPP

8/2016-8/2018 **Co-Director of Severe Behavior Clinic**
Thompson Center for Autism and Neurodevelopmental Disorders, Columbia, MO, Applied Behavioral Intervention Services division
Supervisor: SungWoo Kahng, Ph.D., BCBA-D

8/2015-7/2016 **Behavior Analyst**
Thompson Center for Autism and Neurodevelopmental Disorders, Columbia, MO, Applied Behavioral Intervention Services
Supervisor: SungWoo Kahng, Ph.D., BCBA-D

8/2011-7/2015 **Lead Therapist**
Utah State University Severe Behavior Clinic, Logan, UT
Supervisors: Sarah Bloom, Ph.D., BCBA-D;
Andrew Samaha, Ph.D., BCBA-D; Tyra Sellers, Ph.D., BCBA-D

2007-2011 **Coordinator (2010–2011)**
Teacher (2007–2010)
The New England Center for Children. Southborough, MA
Supervisor: Stacie Bancroft, Ph.D., BCBA-D

2005-2007 **Behavioral Instructor; Early Intervention**
ASSERT (Autism Support Services, Education, Research, and
Training). Logan, UT
Supervisor: Thomas Higbee, Ph.D., BCBA-D;
Alison Betz, Ph.D., BCBA-D

Courses Taught

Spring 2023: Instructor, Graduate
Endicott College
Conceptual Issues in ABA: ABA510 (ONLINE)

Spring 2022: **Instructor**, Graduate
Department of Psychology, Northcentral University
Behavior Change and Supervision (ONLINE)

Fall 2021: **Instructor**, Graduate
Department of Psychology, Northcentral University
Behavior Change and Supervision (ONLINE)

Fall 2020: **Instructor**, Graduate
Department of Psychology, Northcentral University
Philosophical Underpinnings of Applied Behavior Analysis
(ONLINE)

Spring 2020: **Instructor**, Graduate
Department of Special Education, University of Missouri
Practicum in ABA- SPC_ED 8800 (ONLINE)

Fall 2019: **Instructor**, Graduate
Department of Special Education, University of Missouri
Concepts & Principles in Behavior Analysis SPC_ED 8100
Practicum in ABA- SPC_ED 8800
Missouri LEND program- TIPS 4 Kids

Spring 2019: **Instructor**, Graduate
Department of Special Education, University of Missouri
Methods: Single Subject Design SPC_ED 8353
Practicum in ABA- SPC_ED 8800
Missouri LEND program- TIPS 4 Kids

Fall 2018: **Instructor**, Graduate
Department of Special Education, University of Missouri
Concepts & Principles in Behavior Analysis HLTH PSYC 8100
Missouri LEND program- TIPS 4 Kids
Practicum in ABA- HLTH PSYCH 8800

- Spring 2018: **Instructor**, Graduate
Department of Health Psychology, University of Missouri
Individual Assessment and Intervention HLTHPSYC 8350
Practicum in ABA- HLTH PSYCH 8800
- Instructor**, Undergraduate
Department of Health Psychology, University of Missouri
Undergraduate Research & Practice in ABA- HLTH PSYC 3500
- Fall 2017: **Instructor**, Graduate
Department of Health Psychology, University of Missouri
Concepts & Principles in Behavior Analysis HLTHPSYC 8100
Practicum in ABA- HLTH PSYCH 8800
- Instructor**, Undergraduate
Department of Health Psychology, University of Missouri
ABA & Autism- HLTH PSYC 3100
- Summer 2017: **Instructor**, Graduate
Department of Health Psychology, University of Missouri
Ethics in Applied Behavior Analysis (ONLINE COURSE)
HLTH PSYC 8300
Practicum in ABA- HTH PR 8001
- Spring 2017: **Instructor**, Graduate
Department of Health Psychology, University of Missouri
Individual Assessment and Intervention HLTH PSYC 8350
Practicum in ABA- HTH PR 8001
Department of Health Psychology, University of Missouri
- Instructor**, Undergraduate
Department of Health Psychology, University of Missouri
ABA & Autism- HLTH PSYC 3100
- Fall 2016: **Instructor**, Graduate
Department of Health Psychology, University of Missouri
Concepts & Principles in Behavior Analysis HLTH PSYC 8100
Practicum in ABA- HTH PR 8001
- Spring 2016: **Instructor**, Graduate
Department of Health Psychology, University of Missouri
Concepts & Principles in Behavior Analysis- HLTHPSYC 8100
- Fall 2015: **Guest Lecturer**, Undergraduate
School of Health Professions, University of Missouri

Autism & ABA- HLTH_SCI 4001

Spring 2014: **Instructor**, Undergraduate
Applied Behavior Analysis 2: Applications-SPED 5050,
Department of Special Education and Rehabilitation, Utah State
University

Spring 2013: **Teaching Assistant**
Applied Behavior Analysis 2: Applications-SPED 5050
Department of Special Education and Rehabilitation, Utah State
University
Teaching Assistant, Behavioral Assessment and Intervention II
(ONLINE COURSE)
Department of Psychology Utah State University

PUBLICATIONS (PEER-REVIEWED)

*Student author

*Ousley, C. T., **Clay, C. J.**, Rose, C. A., & Stichter, J. P. (accepted pending revisions). A review of technology-based interventions for increasing social skills of children with autism spectrum disorder. *Journal of Special Education Technology*.

Clay, C. J., Chuunga, N. D., O'Connor, K. V., & Kahng, S. (2023). Using choice-making opportunities to increase engagement in leisure activities for adults with intellectual and developmental disabilities. *Journal of Developmental and Physical Disabilities*. <https://doi.org/10.1007/s10882-023-09909-5>

Clay, C. J., Schmitz, B. A., Hogg, A. D., Keicher, E. S., Clohisy, A. M., & Kahng, S. (2023). Advancing Methods in Animal-Assisted Intervention: Demonstration of Starting Points in Clinical Practice for Children with Autism Spectrum Disorder. *Behavior Analysis in Practice*, 16(1), 145-155.

Clay, C. J., Schmitz, B. A., Balakrishnan, B., Hopfenblatt, J. P., Evans, A., & Kahng, S. (2021). Feasibility of virtual reality behavior skills training for preservice clinicians. *Journal of Applied Behavior Analysis*, 54(2), 547-565.

Clay, C. J., Schmitz, B. A., Clohisy, A. M., Haider, A. F., & Kahng, S. (2021). Evaluation of free-operant preference assessment: Outcomes of varying session duration and problem behavior. *Behavior Modification*, 45(6), 962-987.

*Hamilton, K. M., **Clay, C. J.**, & Kahng, S. (2020). Examining the effectiveness of a variable momentary differential reinforcement of other behavior procedure on reduction and maintenance of problem behavior. *Current Developmental Disorders Reports*, 7(1), 14-22.

- Dovgan, K., **Clay, C. J.**, & Tate, S. A. (2020). Dog Phobia Intervention: A Case Study in Improvement of Physiological and Behavioral Symptoms in A Child with Intellectual Disability. *Developmental Neurorehabilitation*, 23(2), 121-132.
- Clay, C. J.**, Bloom, S. E., Slocum, T. A., Samaha, A. L., & Callard, C. H. (2020). Language preference and reinforcing efficacy of praise in bilingual children with disabilities. *Journal of Applied Behavior Analysis*, 53, 536-544.
- *Jorgenson, C. D., **Clay, C. J.**, & Kahng, S. (2020). Evaluating preference for and reinforcing efficacy of a therapy dog to increase verbal statements. *Journal of Applied Behavior Analysis*, 53(3), 1419-1431.
- Lambert, J.M., Bloom, S.E., Nickerson, C., **Clay, C.J.**, & Samaha, A.L. (2019). Human sensitivity to manipulations of parameters of positive and negative reinforcement. *Mexican Journal of Behavior Analysis*, 45(2), 173-198.
- Sellers, T. P., **Clay, C. J.**, Hoffmann, A. N., & Collins, S. D. (2019). Evaluation of a performance management intervention to increase use of trial-based functional analyses by clinicians in a residential setting for adults with intellectual disabilities. *Behavior Analysis in Practice*, 12(2), 412-417.
- Clay, C. J.**, Bloom, S. E., & Lambert, J. M. (2018). Behavioral interventions for inappropriate sexual behavior in individuals with developmental disabilities and acquired brain injury: A Review. *American Journal on Intellectual and Developmental Disabilities*, 123, 254-282.
- Kunnavatana, S. S., Bloom, S. E., Samaha, A. L., Slocum, T. A., & **Clay, C. J.** (2018). Manipulating parameters of reinforcement to reduce problem behavior without extinction. *Journal of Applied Behavior Analysis*, 51, 283-302.
- Bloom, S. E., Clark, D., Boyle, M. A., & **Clay, C. J.** (2018). Effects of delaying demands on escape-maintained problem behavior. *Behavioral Interventions*, 33, 1-12.
- Clay, C. J.**, Clohisy, A. M., Ball, A. M., Haider, A. F., Schmitz, B. A., & Kahng, S. (2017). Further evaluation of presentation format of competing stimuli for treatment of automatically maintained challenging behavior. *Behavior Modification*, 42, 382-397.
- Clay, C. J.**, Samaha, A. L., & Bogoev, B. K. (2017). Assessing preference for and reinforcing efficacy of components of social interaction in individuals with autism spectrum disorder. *Learning and Motivation*, 62, 4-14.
- Hoffmann, A. N., Contreras, B. P., **Clay, C. J.**, & Twohig, M. P. (2016). Acceptance and commitment therapy for individuals with disabilities: A behavior analytic strategy for addressing private events in challenging behavior. *Behavior Analysis in Practice*, 9, 14-24.

- Lambert, J. M., Bloom, S. E., **Clay, C. J.**, Kunnavatana, S. S., & Collins, S. D. (2014). Training residential staff and supervisors to conduct traditional functional analyses. *Research in Developmental Disabilities, 35*, 1757-1765.
- Clay, C. J.**, Samaha, A. L., Bloom, S. E., Bogoev, B. K., & Boyle, M. A. (2013). Assessing preference for social interactions. *Research in Developmental Disabilities, 34*, 362-371.
- Lambert, J. M., Bloom, S. E., Kunnavatana, S. S., Collins, S. D., & **Clay, C. J.** (2013). Training residential staff and supervisors to conduct trial-based functional analyses. *Journal of Applied Behavior Analysis, 46*, 296-300.
- Potter, J. N., Hanley, G. P., Augustine, M., **Clay, C. J.**, & Phelps, M. C. (2013). Treating stereotypy in adolescents diagnosed with autism by refining the tactic of "Using stereotypy as reinforcement." *Journal of Applied Behavior Analysis, 46*, 407-423.
- Tschanz, J. T., Cook, L., Corcoran, C., Norton, M., Mielke, M., Rosenberg P., Buckley, T., **Clay, C. J.**, Welsh-Bohmer, K., Breitner, J., & Lyketsos, C. (2006). Vascular factors and the rate of cognitive decline in dementia. The Cache County Study. *Alzheimer's & Dementia (supplement) 2(3)*, S270.

BOOKS

- Rasmussen, E. B., **Clay, C. J.**, Pierce, W. D., & Cheney, C. D. (2023). *Behavior Analysis and Learning* (7th ed.). Taylor & Francis Group/Routledge.

BOOK CHAPTERS

- Kahng, S., Ingvarsson, E. T., Quigg, A. M., Seckinger, K. E., Teichman, H. M., **Clay, C. J.** (2021). Defining and measuring behavior. In W. W. Fisher, C. C. Piazza, H. S. Roane (Eds.), *Handbook of applied behavior analysis*. New York, NY; Guilford Press.
- *Aguilar, J. H. & **Clay, C. J.** (2020) Cultural Accommodations in Parent Training. In B. M. Conners & S. T. Capell (Eds.), *Multiculturalism and Diversity Issues in Applied Behavior Analysis: Bridging Theory and Application*, (1st ed., pp. 137-154). Taylor & Francis Group/Routledge.
- Clay, C. J.**, Jorgenson, C., & Kahng, S. (2017). Self-injurious behavior in children with intellectual and developmental disabilities: Current practices in assessment and treatment. In Matson J. (Ed.), *Handbook of childhood psychopathology and developmental disabilities: Treatment* (pp. 269-299) New York, NY; Springer.

MANUSCRIPTS UNDER REVIEW

O'Connor, K. V., **Clay, C. J.**, Perez, B. C., Clevering, J. (under review) An evaluation of quality points as a component of interteach in an undergraduate course. *Journal of Behavioral Education*.

Kahng, S., **Clay, C. J.**, Clohisy, A. M., Barnes, L. M., Hogg, A., Keicher, E. S., & Teator, J. M. (under review). A consecutive case series of intensive toilet training for children with autism spectrum disorder. *Developmental Neurorehabilitation*.

MANUSCRIPTS IN PREPARATION

Clay, C. J., Budde, J., Ishijima, E. H. Training parents of children with autism to implement function-based intervention via virtual reality behavior intervention training (V-BIT).

Clay, C. J., Gushchyan, A., Budde, J., Braga-Kenyon, P., Schnekan, P. Training practitioners and caregivers to conduct functional analysis using immersive virtual reality.

*Aguilar, J., **Clay, C. J.**, & Kahng, S. An evaluation of culturally based accommodations to behavioral skills training.

*French, J. & **Clay, C. J.** A literature review of behavioral skills training for safety skills: Identifying prerequisite skills and assessments for individuals with disabilities.

*Garcia, A. R., **Clay, C. J.**, Banerjee, I., Houchins-Juarez, N., & Lambert, J. L. Training parents to conduct trial-based functional analysis and intervention via telehealth.

*Schnitker, E. & **Clay, C. J.** Increasing independence for home skills through book and tablet schedules for individuals with Down's Syndrome.

Kahng, S., **Clay, C. J.**, Clohisy, A. M., Schmitz, B. & Vollmer, T. R. A simplified outcome measure for use during treatment evaluations of severe problem behavior.

Clay, C. J., Schmitz, B., Clohisy, A. M., Stevens, A. A., Evans, A. & Kahng, S. A brief review of behavioral skills training: Variables related to generalization.

Clay, C. J., Kahng, S., & Thullen, M. J. Caregiver treatment adherence in behavioral treatment: Determining correlations between perceptions of professionals and caregivers.

GRANTS (FUNDED) Total: \$656,465

PI: Clay, C.

Co-I: Garcia, A.

Co-I: Balakrishnan, B.

“Virtual Reality Behavior Intervention Training (V-BIT): Partnering with parents of children with autism to build their skills”

Chief Scientific Officer Grant Award Program, Children’s Hospital of Orange County

Total Costs: \$62,715

August 2021-August 2022

PI: Clay, C.

Co-I: Kahng, S.

Co-I: Balakrishnan, B.

“Virtual Reality Behavioral Skills Training for Behavioral Intervention with Individuals with Autism Spectrum Disorders”

MU School of Medicine Person-Centered Outcomes Research Project Award

Total Costs: \$20,000

August 2017-August 2018

PI: Brooks, C.

Co-I: Clay, C., Sohl, K., Lowery, L., Curran, A., Blow, C., Stichter, J.

“Training in Interdisciplinary Partnerships and Services (TIPS) for Kids: Leadership Education in Neurodevelopmental and Related Disabilities (LEND)”

Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) under #T73MC00022 Missouri Partnership for Leadership Training.

Total costs: \$567,751

August 2017- December 2019

PI: Clay, C.

“Examining factors related to animal-assisted intervention for children with autism spectrum disorder: Evaluation of video-based preference assessment and validation”

School of Health Professions Catalyst Award

Total Costs: \$4,999.

August 2018-August 2019

PI: Clay, C.

“Assessing preference for language in English language learners with disabilities”

Utah Multi-Tiered Systems Support Student Grant

Total Costs: \$1,000

September 2014-May 2015

GRANTS (Unfunded)

PI: Clay, C.

Co-I: Balakrishnan, B.

Co-I: Pollard, J.

Co-I: Hall, S.

Co-I: Jang, J.

“Virtual Reality Behavior Intervention Training (V-BIT): Recruiting Help from the

Parents of Children with Autism Spectrum Disorder (ASD)”

Autism Research Program: Career Development Award
Department of Defense (DOD) Health Program
Funding Opportunity Number: W81XWH-21-ARP-CDA
Total Costs: \$554,996

PI: Clay, C.

Co-I: Correia, A.

Co-I: Balakrishnan, B.

Co-I: Lambert, J.

Co-I: Jang, J.

“Feasibility of Virtual Reality Skills Training to Avoid Frequent Violent Encounters (VR-SAFE)”

National Institute for Occupational Safety and Health (NIOSH)
Exploratory/Developmental Grant Program (R21) PAR-12-252
Total Costs: \$426,595

PI: Lambert, J.

Co-I: Clay, C.

Co-I: Balakrishnan, B.

Co-I: Rispoli, M.

“AVID: Automated Virtual-Reality-Based Trainings for Intervention Development.”

Institute of Education Sciences (IES), U.S. Department of Education. (CFDA #84.324A)
Total Costs: \$1,999,814

PI: Clay, C.,

Co-I: Kaustinen, E.

Co-I: Altamirano, W.

“Providing VR employment training to individuals with disabilities”

California Department of Developmental Services
Total Costs: \$553,971

PI: Clay, C.

Co-I: Balakrishnan, B.

Co-I: Ishijima, E.

Co-I: Jang, J.

“Virtual Reality Behavior Intervention Training (V-BIT) for Parents of Children with Autism Spectrum Disorder (ASD)”

Organization for Autism Research (OAR)
Total Costs: \$39,883.11

CONFERENCE PRESENTATIONS (NATIONAL)

*Student author

Clay, C. J. *Incorporating Virtual Reality into Behavior Analysis: Innovation and Interdisciplinary Opportunity* (2023, May). Invited Speaker (Practice Strand) presented at

the 49th Annual convention of Association for Behavior Analysis International. Denver, CO.

*Gushchyan, A., **Clay, C. J.**, Budde, J. R., Ishijima, E. I. *Some Important Considerations for the Functional Assessment of Severe Problem Behavior* (2023, May). In J. Tu, Chair, J. Lomas Mevers, Discussant, Recent Advancements in Caregiver Training for Behavior Analytic Services presented at the 49th Annual convention of Association for Behavior Analysis International. Denver, CO.

Poetry, J. H., **Clay, C. J.**, Budde, J., Vigil, R., Gushchyan, A. *Competing Stimulus Assessments: Procedural Modifications to Improve Effectiveness and Efficiency* (2023, May). In J. Weyman, Chair, Recent Advancements in Caregiver Training for Behavior Analytic Services presented at the 49th Annual convention of Association for Behavior Analysis International. Denver, CO.

*Ousley, C., **Clay, C. J.**, *Technology-Based Interventions for Increasing Social Skills of Children with Autism Spectrum Disorder* (2022, May). In C. Clay, Chair, Serna, R. W., Discussant, Technology for Teaching and Training: Virtual Reality Applications Across Populations presented at the 48th Annual convention of Association for Behavior Analysis International. Boston, MA.

*Garcia, A., Banerjee, I., Lambert, J. M., & **Clay, C. J.** *Behavior Skills Training Program to Teach Parents to Implement Function-Based Intervention via Telehealth* (2022, May). In S. Martinez Rowe, Chair, Lambert, J. M., Discussant, Recent Advancements in Caregiver Training for Behavior Analytic Services presented at the 48th Annual convention of Association for Behavior Analysis International. Boston, MA.

O'Connor, K. V., **Clay, C. J.**, Perez, B. C., & Clevering, J. *An Examination of Quality Points in Interteach in a College Course* (2022, May). In C. Gayman, Chair, Hineline, P., Discussant, Interteaching: What We Can Learn from Recent Research in Higher Education presented at the 48th Annual convention of Association for Behavior Analysis International. Boston, MA.

Clay, C. J., & Ishijima, E. *Outcomes from Parent Telehealth Training of Assessment and Intervention for Severe Problem Behavior* (2021, May) In M. McCammon, Chair, Machalicek, W., Discussant, Using Video Modeling and Telehealth to Evaluate Treatment Integrity in Caregiver-Implemented Interventions presented at the 47th annual convention of Association for Behavior Analysis International (Online, Virtual)

Clay, C. J., French, J & Schmitz, B. *A Literature Review of Behavioral Skills Training for Safety Skills: Identifying Prerequisite Skills and Assessments for Individuals with Disabilities* (2021, May) In J. Lane, Chair, Using Research Synthesis to Inform Use of Common Teaching Procedures presented at the 47th annual convention of Association for Behavior Analysis International (Online, Virtual)

Clay, C. J., Hamilton, K., & Kahng, S. *The Effects of a Variable Momentary Differential Reinforcement of Other Behavior Procedure on Reduction of maintenance of Problem Behavior* (2021, May) In C. Meuthing, Chair, J. Lambert, Discussant, Treatment Variations for Problem Behavior in Children with Developmental Disabilities presented at the 47th annual convention of Association for Behavior Analysis International (Online, Virtual)

Clay, C. J., Evans, A. Tate, S. A., *Examining Factors Related to Animal-Assisted Intervention for Children With Autism Spectrum Disorder: Evaluation of Video-Based Preference Assessment and Validation.* (2020, May) In C. Clay, Chair, N. Call, Discussant, Technological Advances in Assessment of Preference and Measurement of Reinforcing Effects in Applied Settings presented at the 46th annual convention of Association for Behavior Analysis International (Online, Virtual).

Clay, C. J., Schmitz, B. A., Evans, A., Kahng, S., Balakrishnan, B., & Hopfenblatt, J. (2019, September) *Virtual Reality Behavioral Skills Training for Behavioral Intervention* Presented at the 15th annual Thompson Center for Autism and Neurodevelopmental Disorders Conference, Chesterfield, MO.

Clay, C. J., Schmitz, B. A., Evans, A., Kahng, S., Balakrishnan, B., & Hopfenblatt, J. (2019, May) *Virtual Reality Behavioral Skills Training for Behavioral Intervention With Individuals With Autism Spectrum Disorders.* In C. Clay, Chair, D. Richman, Discussant, Technology and Training: Advancements in Training Through Telehealth and Virtual Reality presented at the 45th annual convention of Association for Behavior Analysis International Convention, Chicago, IL.

*Aguilar, J., **Clay, C. J.,** Kahng, S. (2018, May) *The Effects of Cultural Accommodations in Behavioral Skills Training.* In C. Clay, Chair, Effects of English and Spanish Languages on Responding: Cultural Accommodations for Learners with Disabilities presented at the 44th annual convention of Association for Behavior Analysis International Convention, San Diego, CA.

*Jorgenson, C., **Clay, C. J.,** Kahng, S. (2018, May). *Effectiveness of animal-assisted social skills interventions for children with autism spectrum disorder.* In A. Protopopova, Chair, S. Friedman, Discussant, Integrating Human-Animal Interactions into Behavior Analysis. Symposium presented at the 44th annual convention of the Association for Behavior Analysis International, San Diego, CA.

Clay, C. J., Clohisy, A. M., Jorgenson, C., Hoyos, J., Schmitz, B., & Kahng, S. (2017, May) *A review of behavioral skills training: Identifying effective practices and procedures.* In C. Clay, Chair, R. Lang, Discussant, Recent Advancements and Applications in Behavioral Skills Training, Symposium presented at the 43rd annual convention of the Association for Behavior Analysis International, Denver, CO.

Clay, C. J., Clohisy, A. M., Jorgenson, C., Hogg, A., Schmitz, B., Ball, A. M., & Kahng, S. (2107, May) *Further evaluation of brief preference assessments and implications on*

problem behavior. In S. Kim, Chair, R. Graff, Discussant, Technological Advancements in Stimulus Preference Assessments in Individuals with Autism. Symposium presented at the 43rd annual convention of the Association for Behavior Analysis International, Denver, CO.

Hogg, A., **Clay, C. J.**, Keicher, E., Clohisy, A. M., Schmitz, B., & Kahng, S. (2017, May) *Examining factors related to animal-assisted therapy for children with autism spectrum disorder: Preference and reinforcer assessment*. In A. Hodges, Chair, M. Brodhead, Discussant, Advances in Preference Assessments for Children With Developmental Disabilities. Symposium presented at the 43rd annual convention of the Association for Behavior Analysis International, Denver, CO.

Clay, C. J., Clohisy, A. M., Jorgenson, C., Hoyos, J., Schmitz, B., & Kahng, S. (2017, March) *A review of behavioral skills training: Identifying effective practices and procedures*. In C. Clay, Chair, Training to treatment: Taking information and putting it into application. Symposium presented at the 7th annual convention of the Association of Professional Behavior Analysts, New Orleans, LA.

Darby, N., Clohisy, A. M., **Clay, C. J.**, Ball, A., Haider, A., and Kahng, S. (2017, March) *Evaluation of competing stimuli for treatment of self-injury*. In T. Sellers, Chair, Reducing severe self-injurious behavior in children with ASD: Clinical applications and extensions. Symposium presented at the 7th annual convention of the Association of Professional Behavior Analysts, New Orleans, LA.

Clay, C. J., Bloom, S. E., Slocum, T. A., Samaha, A. L., Callard, C. H., (2016, May) *Assessing preference for home language or English praise in English language learners with disabilities*. In C. Clay, Chair, Effects of home language on responding: Advances in research with English language learners. Symposium presented at the 42nd annual convention of the Association for Behavior Analysis International, Chicago, IL.

Doyle, A, **Clay, C. J.**, Teator, J., Schmitz, B., Jorgenson, C., Kahng, S. (2016, May) *A simplified outcome measure for use in treatment trials for individuals with developmental disabilities*. In J. Staubitz, Chair, Evaluating new approaches to observational measurement of problem behavior in applied settings. Symposium presented at the 42nd annual convention of the Association for Behavior Analysis International, Chicago, IL.

Collins, S. D., Sellers, T. P., **Clay, C. J.**, Hoffman, A. K. (2016, May) *Effects of a performance management package on sustained implementation of trial-based functional analyses in adult residential and day programs following training*. Symposium presented at the 42nd annual convention of the Association for Behavior Analysis International, Chicago, IL.

Clay, C. J., Samaha, A. L., Bloom, S. E., Bogoev, B. K., & Lee, J. T. (2015, May). *Preference for social interaction in individuals with autism*. In C. Clay, Chair, Anibal Gutierrez Jr., Discussant. Preference Assessment Procedures: Methodology, Presentation

mode, & Stimulus Selection. Presented at 41st annual convention of the Association for Behavior Analysis International, San Antonio, TX.

Lambert, J. M., Bloom, S. E., Nickerson, N. M., **Clay, C. J.**, & Samaha, A. L. (2014, May). *Sensitivity of human choice to manipulations of parameters of positive and negative reinforcement*. In J. Lambert, Chair, Current Issues in Negative Reinforcement and Applied Behavior Analysis. Symposium presented at the 40th annual convention of the Association for Behavior Analysis International, Chicago, IL.

Clark, D., Bloom, S. E., Boyle, M. A., & **Clay, C. J.** (2014, May). *Effects of delaying demands on escape-maintained problem behavior*. In J. Lambert, Chair, Current Issues in Negative Reinforcement and Applied Behavior Analysis. Symposium presented at the 40th annual convention of the Association for Behavior Analysis International, Chicago, IL.

Clay, C. J., Samaha, A. L., Bloom, S. E., Bogoev, B., & Boyle, M. A. (2013). *Assessing preference for social interactions*. In A. Samaha, Chair, Current practices in preference assessment. Symposium presented at the 39th annual Association for Behavior Analysis International, Minneapolis, MN.

Clay, C. J., Samaha, A. L., Bloom, S. E., Bogoev, B., & Boyle, M. A. (2013). *Assessing preference for social interactions*. . In A. Samaha, Chair, Current practices in preference assessment. Symposium presented at the 3rd annual Association of Professional Behavior Analysts, Las Vegas, NV.

Clay, C. J., Lambert, J. M., Bloom, S. E., & Collins, S. D. (2013, March). *Training residential staff and supervisors to conduct traditional and trial-based functional analyses*. In S. Bloom, Chair, Trial-Based Functional Analysis: Refinements and Extensions. Symposium presented at the 3rd annual convention of the Association of Professional Behavior Analysts, Las Vegas, NV.

Clay, C. J., Lambert, J. M., Bloom, S. E., Kunnavatana, S. S., & Collins, S. D. (2012 May). *Transitioning to functional analyses: An Organization-wide training*. In S. Collins, Chair, Staff Training in Community Residential Settings. Symposium presented at the 38th annual convention of the Association for Behavior Analysis International, Seattle, WA.

Augustine, M. K., Bourret, J. C., & **Clay, C. J.** (2010). *Analysis of the effects of psychotropic medication on the behavior of children diagnosed with autism*. Symposium presented at 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

Vanselow, N. R., Bourret, J. C., & **Clay, C. J.** (2010). *Describing naturally occurring schedules: Analysis of feedback functions for shooting during basketball games*. Symposium presented at 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

CONFERENCE PRESENTATIONS (STATE)

Clay, C. J. *Applications of Virtual Reality in Training Assessment and Intervention: Clinician and Caregiver Outcomes* (2023, August). Invited Speaker. Annual Utah Association for Behavior Analysis Conference, Orem, UT.

Ishijima, E., **Clay, C. J.**, Poetry, J., Vigil, R. (2022, March) *Application of picture activity schedules combined with functional communication training to reduce challenging behavior*. In C. Clay, Chair, B. Contreras, Discussant, Applications of visual schedules in clinical setting: Technology and advancements Presentation delivered at the 40th annual California Association for Behavior Analysis conference. San Jose, CA.

Kunnavatana, S. S., **Clay, C. J.**, Kelley, K. (2020, February) *Meaningful Supervision for Students Across Delivery Models: What to Expect and What to Look For*. Presentation delivered at North Carolina Association for Behavior Analysis 31st annual conference. Raleigh, NC.

Clay, C. J., Stevens, A. A. (2019, January) *Behavioral Skills Training (BST) and Virtual Reality Training for Skill Building and Behavior Management*. Mizzou Student Council for Exceptional Children 11th Annual conference, Columbia, MO

Clay, C. J., Clohisy, A. M., Jorgenson, C., Hoyos, J., Schmitz, B., & Kahng, S. (2016, October) *A review of behavioral skills training: Identifying effective practices and procedures*. In E. Barton, Chair, Programming for Generalization: This Should Be Easier Than It is. Symposium presented at the 19th annual convention of the Tennessee Association for Behavior Analysis, Nashville, TN.

Clohisy, A. M., **Clay, C. J.**, Ball, A., Haider, A., and Kahng, S. (2016, October) *Evaluation of competing stimuli for treatment of self-injury*. In C. Clay, Chair, Reducing severe self-injurious behavior in children with ASD: Clinical applications and extensions. Symposium presented at the 19th annual convention of the Tennessee Association for Behavior Analysis, Nashville, TN.

Kunnavatana, S.S., Bloom, S.E., Samaha, A.L., Slocum, T., & **Clay, C. J.** (2015, October). *Manipulating parameters of reinforcement to reduce problem behavior without extinction*. In S. Bloom (Chair). *Problem Behavior: Prevention and Treatment*. Symposium presented at the 35th annual meeting of the Florida Association for Behavior Analysis, Daytona, FL.

Lambert, J.M., Bloom, S.E., Nickerson, C., **Clay, C.J.**, & Samaha, A.L. (2015 June). *Sensitivity of human choice to manipulations of parameters of positive and negative sound reinforcement*. Presented at the Tennessee Association for Behavior Analysis Middle Tennessee Regional Meeting.

Lambert, J. M., Bloom, S. E., Kunnavatana, S. S., Collins, S. D., & **Clay, C. J.** (2012, June). *Transitioning to functional analyses: An organization-wide training*. In S. Bloom,

Chair, Applying Behavior Analysis to Educational and Human Service Settings. Symposium presented at the 3rd annual meeting of the Utah Association for Behavior Analysis and Utah Conference on Effective Practices for Teachers and Human Service Professionals: Interventions Across the Lifespan, Logan, UT.

Bloom, S. E., Kunnavatana, S. S., Samaha, A. L., & **Clay, C. J.** (2012, June). *Trial-based FA: What it is and how to do it*. Talk presented at the 3rd annual meeting of the Utah Association for Behavior Analysis and Utah Conference on Effective Practices for Teachers and Human Service Professionals: Interventions Across the Lifespan, Logan, UT.

Bloom, S. E. & Kunnavatana, S. S., Samaha, A. L., & **Clay, C. J.** (2012, February). *Trial-based functional analysis: What it is and how to do it*. Workshop presented at 30th Annual Western Regional Conference on Behavior Analysis, Garden Grove, CA.

TRAININGS AND PRESENTATIONS (INVITED)

Clay, C. J., Aguilar, J. Culturally Responsive Practices for Families Receiving ABA Services, LEARN Behavioral Staff Training

Clay, C. J., Fischer, A. J., Crone-Todd, D. E. *Computer Technology and the Future of Behavior Analysis: A Panel with Discussion* (2021, May) In Pinkston, J., Chair, presented at the 47th annual convention of Association for Behavior Analysis International (Online, Virtual)

Clay, C. J. & Balakrishnan, B. (2020, September). *Immersive Virtual Reality Training for Caregivers of Children with ASD*. Invited presentation for The Sharon Disney Lund Medical Intelligence and Innovation Institute at CHOC Children's.

Clay, C. J., Schmitz, B. A., Balakrishnan, B., Hoppenblatt, J. *Using Virtual Reality Training to Improve Behavior Intervention*. Invited presentation for University of Kansas Applied Behavioral Science Professional Seminar Series, Lawrence, KS. March 2019.

Clay, C. J. *Ethics for Behavior Analysts*. Invited presentation for Missouri Association for Behavior Analysis annual conference, St. Louis, MO. November 2017.

Clay, C. J. *The Science of Animal Training*. Invited presentation for Support Dogs Inc., St. Louis, MO. October 2017.

Clay, C. J. *Behavior Basics*. Invited presentation for Thompson Center Parent Conference, Columbia, MO. May 2016.

Clay, C. J. *Assessing preference for social interactions: Benefits and rewards*. Invited presentation for University of Missouri School of Health Professions Research Faculty, Columbia, MO. February 2016

Clay, C. J., Sellers, T. P., & Hoffmann A. *Conducting trial-based functional analyses in community settings*. Invited training presentation for Chrysalis, Inc., Cedar City, UT. October 2014.

Bloom, S. E., Kunnavatana, S. S., Samaha, A. L., & **Clay, C. J.** *Trial-based FA: What it is and how to do it*. Talk presented at the 3rd annual meeting of the Utah Association for Behavior Analysis and Utah Conference on Effective Practices for Teachers and Human Service Professionals: Interventions Across the Lifespan, Logan, UT. June 2012.

Lambert, J. M., Bloom, S. E., **Clay, C. J.**, Kunnavatana, S. S., & Collins, S. D. *Training residential staff and supervisors to conduct traditional and trial-based functional analyses*. Invited training presentation for Chrysalis, Inc., Salt Lake City, UT. October 2012.

Bloom, S. E., Samaha, A. L., Kunnavatana, S. S., Lambert, J. M., & **Clay, C. J.** *Approaches to Functional Behavior Assessment including trial-based FA*. Invited training presentation at the Utah Personnel Development Center, Salt Lake City, UT. December 2011.

Lambert, J.M., Kunnavatana, S.S., & **Clay, C.J.** *House manager training: Trial-based functional analysis*. Chrysalis group-homes in Cache County, Weber County, Salt Lake County, Utah County, Iron County, & Washington County, UT, October-November 2011

Lambert, J.M., Kunnavatana, S.S., Collins, S., & **Clay, C.J.** *Supervisor training: Functional analysis and trial-based functional analysis*. Invited training presentation at the Chrysalis Behavior Summit in Salt Lake City, UT, October 2011

POSTER PRESENTATIONS

Clay, C. J., Schmitz, B. A., Balakrishnan, B., Hopfenblatt, J., & Kahng, S. (2018, October) *Virtual Reality Behavior Skills Training*. Poster presented at the 39th annual Berkshire Association for Behavioral Analysis and Therapy Conference, Amherst, MA.

*Aguilar, J.; **Clay, C. J.**, & Kahng, S. (2018, March) *An Evaluation of Culturally Based Accommodations to Behavioral Skills Training*. Poster presented at the Annual Texas Association for Behavior Analysts Conference 2018, Houston, TX.

*Jorgenson, C., **Clay, C. J.**, & Kahng, S. (2017, November). *Effectiveness of animal-assisted social skills interventions for children with autism spectrum disorder*. Poster presented at the Annual Missouri Association for Behavior Analysts Conference 2017, St. Louis, MO.

*Aguilar, J., **Clay, C. J.**, & Kahng, S. (2017, November) *An Evaluation of Culturally Based Accommodations to Behavioral Skills Training*. Poster presented at the Annual Missouri Association for Behavior Analysts Conference 2017, St. Louis, MO.

*Jorgenson, C., **Clay, C. J.**, & Kahng, S. (2017, September). *Effectiveness of animal-assisted social skills interventions for children with autism spectrum disorder*. Poster presented at the Annual Thompson Center for Autism and Neurodevelopmental Disorders Conference 2017, St. Louis, MO.

Doyle, A. M., **Clay, C. J.**, Teator, J. M., Schmitz, B., Jorgenson, C., & Kahng, S. (2015, October). *A Simplified Outcome Measure for Use in Treatment Trials for Individuals with Developmental Disabilities*. Poster presented at the Annual Mid-American Association for Behavior Analysis, Kansas City, MO.

Clay, C.J., Bloom, S. E., Slocum, T. A., Samaha, A.L., & Callard, C.H. (2015, June) *Assessing preference for home language or English praise in English language learners with disabilities*. Poster presented at Utah Multi-Tiered Support Services Conference, Layton, UT.

Meaker, T. M., Bloom, S. E., **Clay, C. J.**, & Weese, H. T. (2014, June). *Correspondence between teacher-conducted trial-based functional analyses and traditional functional analyses with high-school aged students*. Poster presented at the 4th annual meeting of the Utah Association for Behavior Analysis and Utah Multi-Tiered Support Services, Layton, UT.

Meaker, T. M., Bloom, S. E., **Clay, C. J.**, & Weese, H. T. (2014, May). *Correspondence between teacher-conducted trial-based functional analyses and traditional functional analyses with high-school aged students*. Poster presented at the 40th annual convention of the Association of Behavior Analysis International, Chicago, IL.

Clay, C. J., Samaha, A. L., Bloom, S. E., Bogoev, B., & Boyle, M. A. (2013). *Assessing preference for social interactions*. Poster presented at the 4th annual meeting of the Utah Association for Behavior Analysis and Utah Conference on Effective Practices for Teachers and Human Service Professionals: Interventions Across the Lifespan, Logan, UT.

Clay, C. J., Samaha, A. L., Bloom, S. E., Bogoev, B., & Boyle, M. A. (2012). *Assessing preference for social interactions*. Poster presented at the 33rd annual Berkshire Association for Behavioral Analysis and Therapy Conference, Amherst, MA.

Clay, C. J., Potter, J. N., Hanley, G. P., Augustine, T., & Phelps, M. C. (2012). *Increasing the amount and complexity of play in an adolescent with an ASD by using access to motor stereotypy as a reinforcer*. Poster presented at Utah Conference on Effective Practices For Teachers and Human Service Professionals: Interventions Across the Lifespan, Logan, UT.

Potter, J. N., Hanley, G. P., Augustine, M., & **Clay, C. J.** (2012). *Identifying client preference for and other stakeholder acceptability of treatments to decrease stereotypy*. Presented at the 1st annual Association of Professional Behavior Analysts Conference, Boston, MA.

Clay, C. J., & Bourret, J. C. (2010). *An analysis of the effects of the reinforcers arranged in choice contexts.* Poster presented at 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

Clay, C. J., & Bourret, J. C. (2010). *An analysis of the effects of the reinforcers arranged in choice contexts.* Poster presented at the 31st annual Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

MEDIA PRESENTATIONS

Clay, C. J., Invited guest. “S5E TBD – Behavior analysis and assisted-animal therapy with DR. CASEY CLAY.” BAPcast. July, 2023.
<https://podcasts.apple.com/us/podcast/behavior-analysis-in-practice-the-podcast/id1555960276>

Clay, C. J., Invited guest. “S2E8 - SOCIAL INTERACTION PREFERENCE ASSESSMENTS W/ DR. CASEY CLAY. Functional Relations Podcast. October 16, 2020. <https://www.functionalrelationspodcast.com/episodes-show-notes>

Clay, C. J., Invited guest. “Episode 93- Virtual Reality Training,” ABA Inside Track Podcast. July 31, 2019. <https://www.abainsidetrack.com/home/2019/7/31/episode-93-virtual-reality-training>

SUPERVISION OF STUDENTS

2015-2020	Practicum Director , University of Missouri, Thompson Center for Autism and Neurodevelopmental Disorders
2012-2015	Practicum Supervisor , Special Education Master’s Program, Utah State University, Logan, UT
2011-2015	Graduate Student Supervisor (Severe Behavior Clinic), Utah State University, Logan, UT
2011-2015	Undergraduate Student Supervisor (Research & Severe Behavior Clinic), Utah State University, Logan, UT

Post-doctoral Students Supervised

Anna Garcia

Doctoral Degree Committees

Kristen Hathaway
Aqdas Haider

Master's Degree Students Thesis Supervisor

*Committee member

* Katia Anguiano (University of Kansas)

* Lára Borg (Reykjavik University)

Emily Schnitker

Jessica French

Cannon Ousley

Austin Bateman

Katie Johnson

Xiaoyan Fang

Ashley Stevens

Kyle Hamilton

Juliana Hoyos Aguilar

Nelungwe Darby (Chuunga)

Bethany Rackers

LEND Program Students Supervised

Austin Bateman

Marla Hernández

SERVICE

2021-2022	Past President , Four Corners Association for Behavior Analysis
2019-2020	President , Four Corners Association for Behavior Analysis
2018-2020	Secretary , Missouri Association for Behavior Analysis
2018-2019	Search Chair , Department of Special Education Hiring Committee
2017-2018	School of Health Professions Enrollment Management Committee University of Missouri, Columbia, MO
2016-2018	School of Health Professions Curriculum Committee University of Missouri, Columbia, MO
2015-2016	Board Member , University of Missouri Postdoctoral Association, Columbia, MO
2013-2015	Behavior Program Ethics Reviewer , Cache Education and Training Center, Logan, UT
2012-2015	Human Rights Committee Member , North Eastern Services, Logan UT

EDITORIAL SERVICE AND GRANT REVIEW

Publons/Web of Science merit score: 90 (107 verified peer review records)

2023	Invited Member, NIH Grant Review, Child Psychopathology and Developmental Disabilities (CPDD) Study Section
2022	Guest Associate Editor, <i>Behavior Analysis in Practice</i>

2020	Invited Member, NIH Grant Review, Clinical Management of Patients in Community-based Settings (CMPC) Study Section
2010, 2014-present	Guest reviewer <i>Journal of Applied Behavior Analysis</i>
2018-present	Guest reviewer <i>Behavior Analysis in Practice</i>
2016-present	Guest reviewer <i>Journal of Behavioral Education</i>
2015-present	Guest reviewer <i>Behavioral Interventions</i>
2018	Guest reviewer <i>Behavior Modification</i>
2017	Guest reviewer <i>The Behavior Analyst</i>
2015-present	Guest reviewer <i>Teaching Exceptional Children</i>
2013	Guest reviewer <i>Journal of Positive Behavior Interventions</i>

PROFESSIONAL ORGANIZATIONS

2022-present	American Psychological Association: Division 25
2004-present	Association for Behavior Analysis International
2010-present	Association of Professional Behavior Analysts
2013-present	Four Corners Association for Behavior Analysis
2019-2020	Council of Exceptional Children
2016-2017	Tennessee Association for Behavior Analysis
2015-2016	Mid-American Association for Behavior Analysis
2011-2015, 2023	Utah Association for Behavior Analysis
2007-2013	Berkshire Association for Behavior Analysis and Therapy

HONORS AND AWARDS

2019	Lee Henson Award for Inclusion, University of Missouri, ABIS group at Thompson Center for Autism
2017-2018	University of Missouri, Faculty Scholar's Program Graduate
2003-2007	Dean's Scholarship Recipient—Utah State University

PROFESSIONAL DEVELOPMENT

2019	University of Missouri Coulter Translational Partnership Program
2018	Online Teaching Foundations Course, University of Missouri
2017-2018	University of Missouri Faculty Scholars Program