

CURRICULUM VITAE

Megan A. Boyle, PhD, BCBA-D, LBA

Contact Information

Megan A. Boyle
Missouri State University
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Springfield, MO 65897
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Academic Positions

2020-present Associate Professor, Missouri State University
Department of Counseling, Leadership, & Special Education

2014-2020 Assistant Professor, Missouri State University
Department of Counseling, Leadership, & Special Education

Education

<u>Institution</u>	<u>Degree</u>	<u>Date</u>	<u>Major</u>
Utah State University Logan, UT	Ph.D.	2015	Disability Disciplines
Florida Institute of Technology Melbourne, FL	M.S.	2010	Applied Behavior Analysis & Organizational Behavior Management
Western Michigan University Kalamazoo, MI	B.S.	2007	Psychology & Spanish

Certification and Licensure

Board Certified Behavior Analyst – Doctoral Level (Original Certification September 30, 2010)
Certificate number: 1-10-7324

Licensed Behavior Analyst (MO; Licensed April 14, 2015)
License number: 2015011547

Research

Peer-Reviewed Publications

*Co-authored with students

- *Lambert, J. M., Colton, C. D., Braga-Kenyon, P. R., & **Boyle, M. A.** (in press). Evaluation of transferability of persistence-enhancing effects of reinforcement through stimulus equivalence. *Behavior Analysis: Research and Practice*.
- ***Boyle, M. A.**, Bacon, M. T., Brewer, E. M., Carton, S. N., & Strange, L. A. (2020). Evaluating a treatment without extinction for elopement maintained by access to stereotypy. *Journal of Applied Behavior Analysis*. Advance online publication.
- *Curtis, K. S., Forck, K. L., **Boyle, M. A.**, Fudge, B. M., Speake, H. N., & Pauls, B. P. (2020). Evaluation of a trial-based interview-informed synthesized contingency analysis. *Journal of Applied Behavior Analysis*, 53(2), 635-648.
- ***Boyle, M. A.**, Forck, K. L., Curtis, K. S., Fudge, B. M., Speake, H. N., & Pauls, B. P. (2019). A replication of the response-restriction preference assessment. *Behavioral Interventions*, 34(4), 564-576.
- ***Boyle, M. A.**, Stamper, S. M., Donaldson, E. A., Curtis, K. S., Forck, K. L., Shrimplin, M. A., Barsness, A. C., & Oller, C. (2019). Functional communication training for multiple reinforcers: An evaluation of isolated control following a synthesized context. *Behavior Analysis in Practice*, 12(3), 592-599.
- Lambert, J. M., Bloom, S. E., Kunnavatana, S. S., **Boyle, M. A.**, & Samaha, A. L. (2018). Correspondence between functional analyses of mands and functional analyses of problem behavior. *European Journal of Behavior Analysis*, 20(1), 69-83.
- Bloom, S. E., Clark, D., **Boyle, M. A.**, & Clay, C. (2018). Effects of delaying demands on escape-maintained problem behavior. *Behavioral Interventions*, 33(4), 352-363.
- Boyle, M. A.**, Hoffmann, A. N., & Lambert, J. L. (2018). Behavioral contrast: Research and areas for investigation. *Journal of Applied Behavior Analysis*, 51(3), 702-718.
- Boyle, M. A.**, & Adamson, R. M. (2017). Systematic review of functional analysis and treatment of elopement. *Behavior Analysis in Practice*, 10(4), 375-385.
- ***Boyle, M. A.**, Keenan, G., Forck, K. L., & Curtis, K. S. (2017). Treatment of elopement without blocking with a child with autism. *Behavior Modification*, 43(1), 132-145.
- ***Boyle, M. A.**, Ortman, M. E., Beckman, A. C., Aholt, S. L., & Keenan, G. L. (2017). Functional communication training and noncontingent reinforcement in treatment of stereotypy. *Behavioral Interventions*, 33(1), 79-86.
- Hoffman, A. N., Samaha, A. L., Bloom, S.E. & **Boyle, M. A.** (2017). Preference and reinforcer efficacy of high-tech items: A comparison of item type and duration of access. *Journal of Applied Behavior Analysis*, 50(2), 222-237.

Boyle, M. A., Samaha, A. L., Slocum, T. A., Bloom, S. E., & Hoffman, A. (2016). A human-operant investigation of preceding- and following-schedule behavioral contrast. *The Psychological Record*, 66(3), 381-394.

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(1), 362-371.

Boyle, M. A., Samaha, A. L., Rodewald, A. M., & Hoffman, A. N. (2013). Evaluation of the reliability and validity of GraphClick as a data extraction program. *Computers in Human Behavior*, 29(3), 1023-1027.

Keyl-Austin, A. A., Samaha, A. L., Bloom, S. E., & **Boyle, M. A.** (2012). Effects of preference and reinforcer variation on within-session patterns of responding. *Journal of Applied Behavior Analysis*, 45(3), 637-641.

Sparling, J. H., Wilder, D. A., Kondash, J., **Boyle, M. A.**, & Compton, M. (2011). Effects of interviewer behavior on accuracy of children's responses. *Journal of Applied Behavior Analysis*, 44(3), 587-592.

Manuscripts Submitted for Publication

***Boyle, M. A.**, Bacon, M. T., Sharp, D. S., Mills, N. D., & Janota, T. A. *Incorporating an activity schedule during schedule thinning in treatment of problem behavior*. Manuscript submitted for publication.

***Boyle, M. A.**, Bacon, M. T., Carton, S. M., Augustine, J. J., Janota, T. A., Curtis, K. S., Forck, K. L., & Gaskill, L. A. *Comparison of naturalistic and arbitrary discriminative stimuli during schedule thinning following functional communication training*. Manuscript submitted for publication.

Manuscripts in Preparation

*Monaco, B. L., **Boyle, M. A.**, & Ebeling, L. M. *Assessing and treating multiply controlled elopement of a preschooler with autism*. Manuscript in preparation.

Non-Refereed Publications

Boyle, M. A. (2010). Thoughts on the use of OBM techniques and systems analyses in restaurants. *OBM Network Newsletter*, 24, 1.

International Conference Presentations, Posters, & Workshops

Lambert, J.M, Colton, C. D., Braga-Kenyon, P. R., & **Boyle, M.A.** (2019, September). *Evaluation of transferability of persistence-enhancing effects of reinforcement through stimulus equivalence*. Poster presented at the 10th international conference of the Association for Behavior Analysis International, Stockholm, Sweden.

National Conference Presentations, Posters, & Workshops

*Co-authored with students

(Presenting author) **Boyle, M. A.** (2019, May). What do we really know about behavioral contrast? In M. A. Boyle (Chair), *Theoretical overviews and practical implications of key concepts and procedures related to problematic behavior*. Symposium conducted at the 44th annual meeting of the Association for Behavior Analysis International, Chicago, IL.

*(Presenting author) **Boyle, M. A.**, Forck, K., Curtis, K., Fudge, B., Carton, S., & Bacon, M. (2018, May). Comparison of naturalistic and arranged discriminative stimuli during schedule thinning following FCT. In M. A. Boyle (Chair), *Communication-based interventions: Refinements and extensions*. Symposium conducted at the 43rd annual meeting of the Association for Behavior Analysis International, San Diego, CA.

*Romans, S., Garrison-Kane, L. G., Wills, H. P., Mason, B. A., & **Boyle, M. A.** (2017, May). *The effects of self-monitoring, I-Connect, to increase on-task behavior of high school students with autism*. Poster presented at the 43rd annual meeting of the Association for Behavior Analysis International, Denver, CO.

***Boyle, M. A.**, Keenan, G. L., Curtis, K. S., & Forck, K. L. (2017, May). *Treatment of automatically maintained elopement with a child with ASD*. Poster presented at the 43rd annual meeting of the Association for Behavior Analysis International, Denver, CO.

*(Presenting author) **Boyle, M. A.**, Ortman, M. E., Aholt, S. L., Beckman, A. & Keenan, G. (2016, May). Comparison of token and tandem reinforcement schedules in the treatment of escape-maintained problem behavior. In M. A. Boyle (Chair), *Translational investigations with individuals with autism*. Symposium conducted at the 42nd annual meeting of the Association for Behavior Analysis International, Chicago, IL.

***Boyle, M. A.**, Ortman, M. E., Beckman, A., & Keenan, G. (2016, May). *Treatment of stereotypy and problem behavior maintained by access to stereotypy*. Poster session presented at the 42nd annual meeting of the Association for Behavior Analysis International, Chicago, IL.

(Presenting author) **Boyle, M. A.**, Samaha, A. L., Slocum, T. A., Hoffman, A. N., & Bloom, S. E. (2015 May). A human-operant investigation of behavioral contrast. In M. A. Boyle (Chair), *Translational investigations along the basic-to-applied continuum*. Symposium conducted at the 41st annual meeting of the Association for Behavior Analysis International, San Antonio, TX.

Hoffman, A. N., Samaha, A. L., Bloom, S. E., & **Boyle, M. A.** (2015, May). Preference and reinforcer efficacy of high-tech items: A comparison of item type and duration of access. In M. A. Boyle (Chair), *Translational investigations along the basic-to-applied continuum*. Symposium conducted at the 41st annual meeting of the Association for Behavior Analysis International, San Antonio, TX.

(Presenting author) **Boyle, M. A.**, Samaha, A. L., Bloom, S. E., & Bogoev B. (2014, May). Increasing unit price: A comparison of fixed- and variable-ratio token schedules. In J. C. Borrero

(Chair), *Application and investigations of token reinforcement systems*. Symposium presented at the 40th annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Clay, C., Samaha, A. L., Bloom, S. E., Bogoev, B., & **Boyle, M. A.** (2013, May). Assessing preference for social interactions. In A. L. Samaha (Chair), *Evaluating the use of attention in preference and reinforcer assessments*. Symposium conducted at the 39th annual meeting of the Association for Behavior Analysis International, Minneapolis, MN.

(Presenting author) Corry, S. N., Samaha, A. L., Bloom, S. E., & **Boyle, M. A.** (2013, May). An analysis of auditory stimulus generalization in children with autism following two training procedures. In W. K. Berg (Chair), *Treatment outcomes across types of reinforcement and treatment settings for persons with ASD and ID*. Symposium conducted at the 39th annual meeting of the Association for Behavior Analysis International, Minneapolis, MN.

Keyl-Austin, A. A., Higbee, T. S., **Boyle, M. A.**, & Brodhead, M. T. (2013, May). Evaluation of the effects of reinforcer choice and reinforcer variation on response rates of children with autism. In C. L. Dozier (Chair), *An evaluation of variables that influence preference and reinforcer efficacy*. Symposium presented at the 39th annual meeting of the Association for Behavior Analysis International, Minneapolis, MN.

(Presenting author) **Boyle, M. A.**, Samaha, A. L., Dayton, E., & Bloom, S. E. (2012, May). Comparison of two methods of fading token schedules. In S. E. Bloom (Chair), *Evaluations of interventions for problem behavior using contingent and noncontingent reinforcement*. Symposium conducted at the 38th annual meeting of the Association for Behavior Analysis International, Seattle, WA.

(Presenting author) Sparling, J. H., Wilder, D. A., Kondash, J., **Boyle, M. A.**, & Compton, M. (2012, May). The effects of interviewer behavior on the accuracy of children's responses. In S. F. Walker (Chair), *Sex offending: Prevention and intervention*. Symposium conducted at the 38th annual meeting of the Association for Behavior Analysis International, Seattle, WA.

(Presenting author) **Boyle, M. A.**, Samaha, A. L., Bloom, S. E., Rodewald, A., Kunnavatana, S. S. & Dayton, E. (2011, May). Recent publication trends in the assessment and treatment of individuals with autism and other intellectual and developmental disabilities. In A. L. Samaha (Chair), *Factors influencing selection of assessment and treatment development and refinement of assessment and treatment approaches for individuals with intellectual and developmental disabilities*. Symposium conducted at the 37th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Keyl-Austin, A. A., Bloom, S. E., Samaha, A. L., Lambert, J. M., & **Boyle, M. A.** (2011, May). Effects of preference and stimulus variation on response persistence. In A. L. Samaha (Chair), *Factors influencing selection of assessment and treatment development and refinement of assessment and treatment approaches for individuals with intellectual and developmental disabilities*. Symposium conducted at 37th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Boudreau, J. P., Becker, N., DeRosa, D. C., Knopf, L., Yoffe, S. L., **Boyle, M. A.**, & Bruce, G. S. (2010, May). Engineering a data-based program change process to improve client learning efficiency at a school for children with autism. In G. S. Bruce (Chair), *Learning efficiency research and practice: Better client outcomes with reduced time and costs*. Symposium conducted at the 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

(Presenting author) **Boyle, M. A.**, Nicholson, C. A., Allison, J., Purnell, G. M., Loughrey, T., Boudreau, J. P., & Bruce, G. S. (2010, May). Preference and productivity for completing a task under positive or negative reinforcement conditions. In G. S. Bruce (Chair), *Preference and productivity when performers are allowed to choose between positive and negative reinforcement*. Symposium conducted at the 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

Bruce, G. S., & **Boyle, M. A.** (2010, May). Positive and negative reinforcement: Performer preference, productivity and implications for business results. In G. S. Bruce (Chair), *Preference and productivity when performers are allowed to choose between positive and negative reinforcement*. Symposium conducted at the 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

Nicholson, C. A., **Boyle, M. A.**, Allison, J., Purnell, G. M., Loughrey, T., Boudreau, J. P., & Bruce, G. S. (2010, May). Effect of response rate requirements on preference and productivity between positive and negative reinforcement conditions. In G. S. Bruce (Chair), *Preference and productivity when performers are allowed to choose between positive and negative reinforcement*. Symposium conducted at the 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

Bruce, G. S., Boudreau, J. P., **Boyle, M. A.**, Becker, N. (2010, May). *Data-based process to improve outcomes for children with autism*. Workshop given at the 36th annual meeting of the Association of Behavior Analysis International, San Antonio, TX.

Regional Conference Presentations, Posters, & Workshops

*Co-authored with students

*Augustine, J., Curtis, K., Forck, K., Chojnacki, S., Baker, H., Carton, S., & **Boyle, M. A.** (2018, October). *Caregiver fading following functional communication training*. Poster session presented at the 13th annual Thompson Center Autism Conference, St. Louis, MO.

*Bacon, M., Carton, S., Curtis, K., Forck, K., Augustine, J., Chojnacki, S., ... **Boyle, M. A.** (2018, October). *Schedule thinning with naturalistic and arranged SDs following FCT*. Poster session presented at the 13th annual Thompson Center Autism Conference, St. Louis, MO.

*Carton, S. N., Bacon, M. T., Strange, L., Chojnacki, S., Brewer, E., & **Boyle, M. A.** (2018, October). *Treatment of elopement maintained by access to stereotypy*. Poster session presented at the 13th annual Thompson Center Autism Conference, St. Louis, MO.

***Boyle, M. A.**, Keenan, G. L., Curtis, K. S., & Forck, L. (2017, November). *Treatment of automatically maintained elopement with a child with ASD*. Poster session presented at the 12th annual Thompson Center Autism Conference, St. Louis, MO.

***Boyle, M. A.**, Curtis, K. S., Forck, K. L., Garrison-Kane, L. Adamson, R. M., Fudge, B. M., & Pauls, B. P. (2017, November). *A comparison of traditional, trial-based, and synthesized-contingency trial-based functional analyses*. Poster session presented at the 12th annual Thompson Center Autism Conference, St. Louis, MO.

***Boyle, M. A.**, Curtis, K. S., Forck, K. L., & Fudge, B. M. (2017, November). *A comparison of preference assessment methods*. Poster session presented at the 12th annual Thompson Center Autism Conference, St. Louis, MO.

***Boyle, M. A.**, Green, B. A., Keenan, G. L., & Speake, H. N. (2017, November). *Token and tandem reinforcement schedules in treatment of noncompliance*. Poster session presented at the 12th annual Thompson Center Autism Conference, St. Louis, MO.

*Urban, A. A., & **Boyle, M. A.** (2017, February). *A self-monitoring intervention to treat automatically maintained off-task behavior*. Poster session presented at the 35th annual meeting of the Midwest Symposium for Leadership and Behavior Disorders, Kansas City, MO.

* (Presenting author) **Boyle, M. A.**, Forck, K., & Curtis, K. (2017, February). *Schedules of reinforcement: Applications to classrooms and clinical settings*. Symposium conducted at the 35th annual meeting of the Midwest Symposium for Leadership and Behavior Disorders, Kansas City, MO.

(Invited workshop) **Boyle, M. A.**, & Lambert, J. L. (2016, February). *Linking functional analysis outcomes to function-based treatments: A tutorial*. Workshop given at the 34th annual meeting of the Midwest Symposium for Leadership and Behavior Disorders, Kansas City, MO.

Searcy, G. D., Bennett, J. A., **Boyle, M. A.**, & Pietras, C. J. (2007, October). *Dynamic optimization model predictions: Effects of energy budget manipulations on choice between high and low risk options*. Poster session presented at the annual meeting of the Mid-American Association of Behavior Analysis, Milwaukee, WI.

State Conference Presentations, Posters, & Workshops

*Co-authored with students

***Boyle, M. A.**, Bacon, M., Sharp, D., Mills, N., Janota, T. (2020, March). *Activity schedules in the treatment of severe problem behavior*. Poster session presented at the 4th annual meeting of the Missouri Council of Administrators of Special Education, Columbia, MO.

*Augustine, J., Curtis, K., Forck, K., Chojnacki, S., Baker, H., Carton, S., & **Boyle, M. A.** (2018, November). *Caregiver fading following functional communication training*. Poster session presented at the 15th annual meeting of the Missouri Association for Behavior Analysis Conference, St. Louis, MO.

Summer 2015

Agency: Missouri State University, College of Education (Summer Faculty Fellowship)

Title of project: Behavioral Contrast: Empirical Investigation and Literature Review; Token Economies: Effects on Escape-Maintained Problem Behavior and Self-Control

Amount: \$9,000

Teaching

Missouri State University

SPE 515/616: Foundations of Applied Behavior Analysis

SPE 626: Applied Behavior Analysis for Developmental Disabilities and Autism Spectrum Disorders

SPE 627: Seminar in Developmental and Sensory Disabilities

SPE 710: Directed Research

SPE 740: Verbal Behavior

SPE 783: Advanced Assessment for Developmental and Sensory Disabilities

SPE 671/787: Advanced Behavior Analysis

SPE 791: Clinical Practicum

SPE 799: Thesis

Utah State University

PSY 3720: Behavior Assessment and Intervention

Thesis Chair

Curtis, K. A. (2017). *A comparison of traditional, trial-based, and synthesized contingency trial-based functional analyses* (master's thesis, Missouri State University; defended December, 2017).

Forck, K. L. (2018). *A comparison of traditional, trial-based, and synthesized contingency trial-based functional analyses* (master's thesis, Missouri State University; defended December, 2017).

Thesis Committee Member

Bacon, M. *The effects of a multi-component social skills self-monitoring program on two females with autism spectrum disorder* (master's thesis, Missouri State University; in progress).

Letterman, M. *A peer-mediated social network to increase social interactions for a student with autism using augmentative communication* (master's thesis, Missouri State University; defended April, 2018).

Romans, S. *Effects of I-Connect on on-task behavior with an adolescent with ASD* (master's thesis, Missouri State University; defended March, 2017).

Wilson, E. *The use of CW-FIT in an elementary resource room for students with autism* (master's thesis, Missouri State University; defended June, 2015).

Simmonds, M. *The use of the Social Skills Module Training to teach appropriate communication skills to a student with autism* (master's thesis, Missouri State University; defended November, 2015).

Ortman, M. E. *The effect of a social skills package to increase initiations, responses, and turn-taking in young children with autism* (master's thesis, Missouri State University; defended November, 2015).

Dissertation Committee Member

McCrow, M. *An analogue examination of positive behavioral contrast within and across topographically different responses* (doctoral dissertation, The Chicago School of Professional Psychology; in progress).

Service

Program

Co-Advisor for the Missouri State Student Organization for Autism and Behavior Analysis (2015-present)

Program Representative at MSU Fall Showcase Recruitment Event (2017)

Department

Member of Travel Policy Guidelines Committee (2019)

Member of Promotion, Tenure, and Review Guidelines Committee (2015)

Member of Administrative Assistant Search Committee (2015)

College

Member of Faculty Advisory Committee (2018-present)

Member of Student Scholarship Committee (2018-present)

University

Member of Graduate Council (2018-present)

Member of Graduate Council Scholarship Sub-Committee (2018-present)

Member of Faculty Research Grant Committee (2017-present)

Member of Faculty Summer Fellowship Committee (2017-present)

Member of University Hearing Panel (2017-2018)

Member of Title IX Committee (2017-2018)

Invited Presenter at the University Foundation "Bears in the Know" Luncheon (2016)

Reviewer for MSU Graduate Interdisciplinary Forum (2015)

Professional

Member of Membership Committee for the Missouri Association for Behavior Analysis (2017)

Consultative Activities

Behavior Specialist at Mercy Hospital Autism Collaborative (2015-present)

Burrell Behavioral Health, Springfield MO (2018)

BCBA-D Parent Trainer for Parent-Directed Treatment Grant with Dr. Leslie Neely as PI (2017-2018)

Wanda Gray Elementary, Springfield MO (2017-2018)
Greenwood Laboratory School, Missouri State University (2016)

Invited Reviewer

Behavior Analysis in Practice

Behavior Analysis: Research and Practice

Behavior Modification

Behavioral Interventions

Education and Treatment of Children

Journal of Applied Behavior Analysis

Journal of Autism and Developmental Disorders