

Annie Galizio, PhD, BCBA-D

Curriculum Vitae

Contact Information

Department of Psychology
 Middle Tennessee State University
 1301 East Main Street
 Murfreesboro, TN 37132

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Education

2020	Psychology (<i>emphasis in Behavior Analysis</i>) Utah State University <i>Thesis:</i> The relation between reinforced behavioral variability, delay discounting, and working memory <i>Dissertation:</i> A translational investigation of reinforced behavioral variability: Implications for promoting behavioral variability in individuals with autism spectrum disorder Advisor: Amy Odum, PhD	PhD
2014	Psychology (<i>minors in Neuroscience and Spanish</i>) College of Charleston Honors College, <i>Summa Cum Laude</i> <i>Thesis:</i> Mechanisms underlying reinforced behavioral variability Advisor: Adam Doughty, PhD	BS

Certification

2020-present	Board Certified Behavior Analyst – Doctoral Certification Number: 1-20-46172 Supervision Training Completed (January 2021) Behavior Analyst Certification Board	BCBA-D
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Academic Positions

2021-present	Assistant Professor of Psychology Department of Psychology Middle Tennessee State University Supervisor: Greg Schmidt, PhD	
2020-2021	Assistant Professor of Applied Behavior Analysis Department of Psychology Western New England University Supervisors: Denine Northrup, PhD, and Rachel Thompson, PhD, BCBA-D	

Research Interests

Translational behavior analysis, including clinical populations and animal models
Mitigating restricted, repetitive behavior in individuals diagnosed with autism spectrum disorder
Increasing levels of behavioral variability and novelty
Making decisions about delayed outcomes
Behavioral pharmacology

Teaching Experience

Middle Tennessee State University (2021-present):

Introduction to Applied Behavior Analysis (*face-to-face*) – undergraduate
Introduction to Applied Behavior Analysis (*asynchronous online*) – undergraduate
Ethical Conduct in Behavior Analysis (*face-to-face*) – graduate and undergraduate

Western New England University (2020-2021):

Principles of Behavior Analysis (*synchronous online*) – graduate
Methods of Evaluation (*synchronous online*) – graduate
Special Topic: Preparation for Certification as a Registered Behavior Technician (*synchronous online*) – undergraduate

Utah State University (2015-2020):

Analysis of Behavior: Advanced (*face-to-face, including pigeon laboratory*) – undergraduate
Analysis of Behavior: Advanced (*asynchronous online*) – undergraduate
Undergraduate Apprenticeship in Psychology (*graduate research supervisor*) – undergraduate

Clinical Experience

2017-2019	Case Manager Autism Support Services: Education, Research, and Training (ASSERT) Utah State University Supervisor: Tom Higbee, PhD, BCBA-D
2016-2017	Lead Instructor Autism Support Services: Education, Research, and Training (ASSERT) Utah State University Supervisor: Cassidy Reinert, MS, BCBA
2015-2016	Instructor Autism Support Services: Education, Research, and Training (ASSERT) Utah State University Supervisor: Cassidy Reinert, MS, BCBA
2013-2014	Line Therapist Carolina Coast Behavioral Services Charleston, SC Supervisor: Shannon Doughty, PhD, BCBA-D

2011 Clinical Case Manager
National Crime Victims Research and Treatment Center
Medical University of South Carolina, Charleston, SC
Supervisor: Alyssa Rheingold, PhD

2010-2014 Volunteer Phone Counselor
2-1-1 Crisis Hotline
Trident United Way, North Charleston, SC
Supervisor: Sonia Donnelly, MBA

2008-2010 Volunteer Patient Advocate
Tileston Mental Health Clinic
Wilmington, NC
Supervisor: Antonio Puente, PhD

Undergraduate and Graduate Research Experience

Graduate:

2016-2019 Graduate Research Assistant
Department of Special Education and Rehabilitation
Utah State University
Supervisor: Tom Higbee, PhD, BCBA-D

2014-2020 Graduate Research Assistant and Lab Manager
Department of Psychology
Utah State University
Supervisor: Amy Odum, PhD

Undergraduate:

2012-2014 Undergraduate Research Assistant
Department of Psychology
College of Charleston
Supervisor: Adam Doughty, PhD

2012 Undergraduate Research Assistant
Department of Psychology
College of Charleston
Supervisor: Mark Hurd, PhD

2011 Undergraduate Research Assistant
Department of Psychology
University of North Carolina Wilmington
Supervisors: Mark Galizio, PhD, and Katherine Bruce, PhD

2011 Undergraduate Research Assistant
Department of Psychology
College of Charleston
Supervisor: Sarah Robertson, PhD

2010-2013 Undergraduate Research Assistant

Department of Psychology
College of Charleston
Supervisor: Jen Wright, PhD

Professional Service

Editorial Service:

2015-present Editorial Assistant
Journal of the Experimental Analysis of Behavior
Society for the Experimental Analysis of Behavior
Supervisor: Amy Odum, PhD (*Editor-in-Chief Aug 2015 – Aug 2019*)
Supervisor: Mark Galizio, PhD (*Editor-in-Chief Aug 2019 – present*)

Ad-Hoc Reviews Completed:

2022 Journal of the Experimental Analysis of Behavior
2022 The Psychological Record
2022 Behavioural Processes
2022 BioMed Research International
2022 Behavioural Processes
2022 Journal of the Experimental Analysis of Behavior
2021 Behavioural Processes
2021 European Journal of Behavior Analysis
2021 Journal of the Experimental Analysis of Behavior
2020 European Neuropsychopharmacology
2020 Journal of the Experimental Analysis of Behavior
2020 European Neuropsychopharmacology
2019 Journal of the Experimental Analysis of Behavior
2018 Basic and Applied Social Psychology
2018 Journal of the Experimental Analysis of Behavior
2018 Behavioural Processes
2016 Pharmacology, Biochemistry, and Behavior
2016 Pharmacology, Biochemistry, and Behavior
2016 Basic and Applied Social Psychology

Organizational Service:

2017-2020 Assistant Coordinator
Winter Conference on Learning & Behavior
Supervisor: Amy Odum, PhD (*Convener*)

University Service:

2022-present Committee member
Social and Professional Activities Committee
Department of Psychology
Middle Tennessee State University

2022-present Committee member
Diversity Committee
Department of Psychology

Middle Tennessee State University

- 2021-2022 Committee member
Sub-Committee on Revising Comprehensive Exams
Clinical Psychology MA
Department of Psychology
Middle Tennessee State University
- 2021-present Committee member
Ad-Hoc Research and Teaching Space Committee
Department of Psychology
Middle Tennessee State University
- 2020-2021 Committee member
Graduate Student Evaluation Committee
Department of Psychology, Behavior Analysis Graduate Programs
Western New England University
- 2018-2020 Research supervisor
Native American STEM Mentorship Program NASMP
Utah State University
Supervisor: Amy Odum, PhD

Thesis/Dissertation Committees:

- In progress Paula Collette, Middle Tennessee State University (undergraduate honors thesis, chair)
In progress Mark Rust, Middle Tennessee State University (master's thesis, chair)
2022 Andrew Nuzzolilli, Western New England University (dissertation)
2021 Siv Kristin Nergaard, Oslo Metropolitan University (dissertation)
2021 Rachel Metras, Western New England University (dissertation)

Professional Memberships

Association for Behavior Analysis International
Southeastern Association for Behavior Analysis
Tennessee Association for Behavior Analysis
Society for the Experimental Analysis of Behavior

Manuscripts in Progress

Becerra, L. A., Higbee, T. S., **Galizio, A.**, et al. (under review). An interactive computerized training to teach educators how to respond during an active shooter situation. *Journal of Applied Behavior Analysis*.

Friedel, J. E., **Galizio, A.**, Frye, C. C. J., DeHart, W. B., & Odum, A. L. (in preparation). Assessment of a rapid method to obtain indifference points: Measures of delay discounting obtained from a visual analogue scale and a survey.

Galizio, A., van Haaren, F., Friedel, J. E., Haynes, J. M., Towse, C. C., Morrissey, K. N., & Odum, A. L. (under review). The effects of antipsychotic drugs on titrating delayed matching-to-sample performance in pigeons. *Journal of the Experimental Analysis of Behavior*.

Peer-Reviewed Publications

Galizio, A. & Odum, A. L. (2022). Reinforced behavioral variability in the valproate rat model of autism spectrum disorder. *Journal of the Experimental Analysis of Behavior*, 117(3), 576-596.

<https://doi.org/10.1002/jeab.760>

Friedel, J. E., Cox, A., **Galizio, A.**, Swisher, M., Small, M. L., & Perez, S. (2021). Monte Carlo analyses for single-subject experimental designs: An untapped resource for applied behavioral researchers and practitioners. *Perspectives on Behavior Science*. <https://doi.org/10.1007/s40614-021-00318-7>

Haynes, J. M., **Galizio, A.**, Frye, C. C. J., Towse, C. C., Morrissey, K. N., Serang, S., & Odum, A. L. (2021). Discounting of food and water in rats shows trait- and state-like characteristics. *Journal of the Experimental Analysis of Behavior*, 115(2), 495-509. <https://doi.org/10.1002/jeab.677>

DeHart, W. B., Friedel, J. E., Berry, M. S., Frye, C. C. J., **Galizio, A.**, & Odum, A. L. (2020). Comparison of delay discounting of different outcomes in cigarette smokers, smokeless tobacco users, e-cigarette users, and non-tobacco users. *Journal of the Experimental Analysis of Behavior*, 114(2), 203-215.

<https://doi.org/10.1002/jeab.623>

Galizio, A., Friedel, J. E., & Odum, A. L. (2020). An investigation of resurgence of reinforced behavioral variability in humans. *Journal of the Experimental Analysis of Behavior*, 114(3), 381-393.

<https://doi.org/10.1002/jeab.637>

Galizio, A., Higbee, T. S., & Odum, A. L. (2020). Choice for reinforced behavioral variability in children with autism spectrum disorder. *Journal of the Experimental Analysis of Behavior*, 113(3), 495–514.

<https://doi.org/10.1002/jeab.591>

Odum, A. L., Becker, R. J., Haynes, J. M., **Galizio, A.**, Frye, C. C. J., Downey, H., Friedel, J. E., & Perez, D. M. (2020). Delay discounting of different outcomes: Review and theory. *Journal of the Experimental Analysis of Behavior*, 113(3), 657–679. <https://doi.org/10.1002/jeab.589>

Friedel, J. E., **Galizio, A.**, Berry, M. S., Sweeney, M. M., & Odum, A. L. (2019). An alternative approach to relapse analysis: Using Monte Carlo methods and proportional rates of response. *Journal of the Experimental Analysis of Behavior*, 111(2), 289–308. <https://doi.org/10.1002/jeab.489>

Frye, C. C. J., **Galizio, A.**, Haynes, J. M., DeHart, W. B., & Odum, A. L. (2019). The effect of nicotine and nicotine+monoamine oxidase inhibitor on the value of alcohol. *Behavioural Pharmacology*, 30(4), 363–369.

<https://doi.org/10.1097/FBP.0000000000000438>

DeHart, W. B., Friedel, J. E., Frye, C. C. J., **Galizio, A.**, & Odum, A. L. (2018). The effects of outcome unit framing on delay discounting. *Journal of the Experimental Analysis of Behavior*, 110(3), 412–429.

<https://doi.org/10.1002/jeab.469>

Frye, C. C. J., Rung, J. M., Nall, R. W., **Galizio, A.**, Haynes, J. M., & Odum, A. L. (2018). Continuous nicotine exposure does not affect resurgence of alcohol seeking in rats. *PLOS ONE*, 13(8), e0202230.

<https://doi.org/10.1371/journal.pone.0202230>

Galizio, A., Frye, C. C. J., Haynes, J. M., Friedel, J. E., Smith, B. M., & Odum, A. L. (2018). Persistence and relapse of reinforced behavioral variability. *Journal of the Experimental Analysis of Behavior*, 109(1), 210–237.

<https://doi.org/10.1002/jeab.309>

Galizio, A., Doughty, A. H., Williams, D. C., & Saunders, K. J. (2017). Understanding behavior under nonverbal transitive-inference procedures: Stimulus-control-topography analyses. *Behavioural Processes*, 140, 202–215. <https://doi.org/10.1016/j.beproc.2017.05.010>

Frye, C. C. J., **Galizio, A.**, Friedel, J. E., DeHart, W. B., & Odum, A. L. (2016). Measuring delay discounting in humans using an adjusting amount task. *Journal of Visualized Experiments*, 107, 53584. <https://doi.org/10.3791/53584>

Doughty, A. H., & **Galizio, A.** (2015). Reinforced behavioral variability: Working towards an understanding of its behavioral mechanisms. *Journal of the Experimental Analysis of Behavior*, 104(3), 252–273. <https://doi.org/10.1002/jeab.171>

Robertson, S. M. C., Swickert, R. J., Connelly, K., & **Galizio, A.** (2015). Physiological reactivity during autobiographical narratives in older adults: The roles of depression and anxiety. *Aging & Mental Health*, 19(8), 689–697. <https://doi.org/10.1080/13607863.2014.962010>

Book Chapter

Wright, J. C., Reinhold, E., **Galizio, A.**, & DiBartolo, M. (2019). Judge no evil, see no evil: Do people's moral choices influence to whom they visually attend? In *Methodological Advances in Experimental Philosophy* (pp. 101–130). Bloomsbury Academic.

Symposia and Paper Sessions

Galizio, A. (expected 2022, Oct). Translational investigations of reinforced behavioral variability and implications for autism spectrum disorder. *Invited presentation at the Annual Meeting of the Southeastern Association for Behavior Analysis, Columbia, SC*. Presenting author.

Becerra, L. A., Higbee, T. S., **Galizio, A.**, Mattson, S., Aguilar, J., & Reinert, K. (2021, May). An interactive computerized training to teach educators how to respond during an active shooter situation. *Symposium: Recent advancements in training procedures to teach safety skills. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Online*.

Galizio, A., van Haaren, F., & Odum, A. L. (2021, May). Effects of antipsychotics on remembering in pigeons. *Symposium: Behavioral pharmacology of prescription drugs: The good, the bad, and the ugly. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Online*. Presenting author.

Towse, C., Haynes, J. M., **Galizio, A.**, Frye, C. C. J., & Odum, A. L. (2021, May). Delay discounting of food and water in rats shows trait characteristics. *Symposium: Examining the role of state vs. trait variables on delay discounting across human and animal subjects. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Online*.

Galizio, A. (2021, Mar). Translational investigations of reinforced behavioral variability. *2021 Series of Invited Talks on Experimental Analysis of Behavior organized by the Cognitive and Behavioral Sciences Department of the School of Psychology of the National Autonomous University of Mexico, Online*. Presenting author.

Galizio, A., Higbee, T. S., Peck, S., Becerra, L., Hinnenkamp, J. E., & Odum, A. L. (2020, May). Choice for variability in children with autism. *Symposium: The effects of lag schedules and teacher presentation rates on academic, play, and social behavior of children with autism. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Online*. Presenting author.

Morrissey, K., **Galizio, A.**, Haynes, J. M., Towse, C., Perez, D., & Odum, A. L. (2020, May). Generalization of variability training across responses in rats. *Symposium: To vary or not to vary: Advances in behavioral variability research. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Online.*

Galizio, A., Higbee, T. S., Peck, S., Becerra, L., Hinnenkamp, J. E., & Odum, A. L. (2020, Mar). Choice for variability in children with autism. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.* Presenting author.

Morrissey, K., **Galizio, A.**, Haynes, J. M., Towse, C., Perez, D., & Odum, A. L. (2020, Mar). Generalization of variability training across responses in rats. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.*

Towse, C., Haynes, J. M., **Galizio, A.**, Frye, C. C. J., & Odum, A. L. (2020, Mar). Delay discounting of food and water in rats shows trait characteristics. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.*

Odum, A. L., Haynes, J. M., **Galizio, A.**, Downey, H., & Perez, D. (2019, Nov). Why do we disregard delayed outcomes? *Invited presentation at the Annual Meeting of the Georgia Association for Behavior Analysis, Athens, GA.*

Odum, A. L., Haynes, J. M., **Galizio, A.**, Downey, H., & Perez, D. (2019, Oct). Delay discounting: Why do we do things we regret? *Keynote address at the Annual Meeting of the Mexican Association for Behavior Analysis, Mexico City, MX.*

Odum, A. L., Haynes, J. M., **Galizio, A.**, Downey, H., & Perez, D. (2019, Oct). Why do we disregard delayed consequences? *Invited presentation at the Annual Meeting of the Nevada Association for Behavior Analysis, Reno, NV.*

Galizio, A. & Odum, A. L. (2019, May). Investigating generalization of reinforced variability in rats. *Symposium: Recent basic and applied research on reinforced behavioral variability. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Chicago, IL.* Presenting author.

Odum, A. L., Bevins, R. A., Galizio, M., Serang, S., Whitmore, S. A., Frye, C. C. J., DeHart, W. B., **Galizio, A.**, Friedel, J. E., Haynes, J. M., Berry, M. S., & Becker, R. J. (2019, Feb). The relation between delay discounting and e-cigarette use: Human and rat studies. *Oral presentation at the Winter Conference on Learning and Behavior, Logan, UT.*

Contreras, B. P., Higbee, T. S., **Galizio, A.**, Pellegrino, A., Becerra, L. A., & Heaps, A. (2018, May). Promoting generalization of varied play behavior with children with autism. *Symposium: Play with me! Evaluations of the use of script training and lag schedules to establish play behaviors and social interactions in children with autism. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, San Diego, CA.*

Galizio, A. & Odum, A. L. (2018, May). Resurgence of reinforced behavioral variability in humans. *Oral presentation at the Experimental Analysis of Human Behavior Special Interest Group Business Meeting at the Annual Convention of the Association for Behavior Analysis International, San Diego, CA.* Presenting author.

Galizio, A., Haynes, J. M., Frye, C. C. J., & Odum, A. L. (2018, May). Spontaneous recovery of reinforced behavioral variability. *Symposium: Behavioral variability: Reinforcement and induction. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, San Diego, CA.* Presenting author.

Galizio, A. & Odum, A. L. (2018, Feb). Resurgence of reinforced behavioral variability in humans. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.* Presenting author.

Haynes, J. M., Frye, C. C. J., **Galizio, A.**, Nall, R. W., Rung, J. M., & Odum, A. L. (2018, Feb). Effects of continuous nicotine administration on alcohol relapse. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.*

Odum, A. L., Frye, C. C. J., Haynes, J. M., **Galizio, A.**, & Rung, J. M. (2018, Feb). Delay discounting: person, context, and change. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.*

Stuart, I., Frye, C. C. J., **Galizio, A.**, & Odum, A. L. (2018, Feb). The effects of nicotine on maladaptive alcohol drinking. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Logan, UT.*

Odum, A. L., DeHart, W. B., Friedel, J. E., Frye, C. C. J., **Galizio, A.**, & Haynes, J. M. (2017, May). Delay discounting of alcohol and nicotine use. *Oral presentation at the Annual Meeting of the Research Society on Alcoholism, Denver, CO.*

DeHart, W. B., Frye, C. C. J., **Galizio, A.**, Haynes, J. M., & Odum, A. L. (2017, May). Delay discounting of non-monetary outcomes: The effects of different magnitudes and delay distributions. *Symposium: Delay Discounting in Health with a Focus on Food and Exercise. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Denver, CO.*

Frye, C. C. J., **Galizio, A.**, Haynes, J. M., & Odum, A. L. (2017, May). Examining the magnitude effect in humans and pigeons: It is all about the contrast. *Symposium: Explorations of the Magnitude Effect Across Species and Domains. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Denver, CO.*

Galizio, A., Frye, C. C. J., Friedel, J. E., Haynes, J. M., & Odum, A. L. (2017, May). Persistence and relapse of reinforced behavioral variability. *Symposium: Reinforced Behavioral Variability: Basic Research, Applications, and Theoretical Implications. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Denver, CO.* Presenting author.

Galizio, A., Frye, C. C. J., Haynes, J. M., & Odum, A. L. (2017, May). The relation between timing, delay discounting, and discriminating contingencies in rats. *Oral presentation at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.* Presenting author.

Odum, A. L. & **Galizio, A.** (2017, Mar). Women in EAB: Representation in the Journal of the Experimental Analysis of Behavior. *Oral presentation at the Women in Behavior Analysis convention in Nashville, TN.*

Galizio, A. & Odum, A. L. (2017, Feb). The effects of nicotine on performance in a titrating delayed matching-to-sample task in pigeons. *Oral presentation at the Winter Conference on Animal Learning and Behavior, Park City, UT.* Presenting author.

Odum, A. L., DeHart, W. B., Friedel, J. E., **Galizio, A.**, & Frye, C. C. J. (2016, Jan). Organismic and environmental influences on delay discounting: Evidence for a general process. *Keynote address at the Winter Conference on Animal Learning and Behavior, Winter Park, CO.*

Galizio, A. & Doughty, A. H. (2014, May). Behavioral mechanisms underlying reinforced behavioral variability. *Symposium: Behavioral variability: Its fundamental importance and relation to other phenomena. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Chicago, IL.* Presenting author.

DiBartolo, M., **Galizio, A.**, Reinhold, E., & Wright, J. C. (2012, May). Judge no evil, see no evil: A case for motivated moral attention. *Oral presentation at the Experiments on Ethical Dilemmas workshop, London, UK.* Presenting author.

Poster Presentations

*MTSU graduate students

**MTSU undergraduate students

Hinnenkamp, J., **Galizio, A.**, Dunthorn, A.*, Stephens, S.*, Huckaba, B.*, De Ruvo, L.**, Kassebaum, E.**, Latham, J.** (2022, May). Investigating the reinforcing value of social olfactory stimuli in rats. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, Boston, MA.*

Haynes, J. M., Frye, C. C. J., **Galizio, A.**, Becker, R. J., Perez, D., & Odum, A. L. (2019, May). Defecting during the delay: Delay maintenance in rats. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.*

Galizio, A., Frye, C. C. J., Haynes, J. M., Friedel, J. E., & Odum, A. L. (2019, Feb). Effects of *d*-amphetamine and nicotine on remembering and motivation in pigeons. *Poster presented at the California Association for Behavior Analysis Annual Western Regional Conference on Behavior Analysis, Long Beach, CA.* Presenting author.

Galizio, A., Frye, C. C. J., Haynes, J. M., Friedel, J. E., & Odum, A. L. (2018, Nov). Effects of *d*-amphetamine and nicotine on remembering and motivation in pigeons. *Poster presented at the Substance Use and Addiction Conference, Washington, DC.* Presenting author.

Swanson, K. W., **Galizio, A.**, Haynes, J. M., Frye, C. C. J., & Odum, A. L. (2018, May). Spontaneous recovery of operant variability. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, San Diego, CA.*

Friedel, J. E., DeHart, W. B., Frye, C. C. J., **Galizio, A.**, Haynes, J. M., & Odum, A. L. (2017, May). Comparing the quality of hyperbolic delay discounting models across various amounts of differing outcomes. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.*

Galizio, A., Frye, C. C. J., Haynes, J. M. (2017, May). The relation between timing, delay discounting, and discriminating contingencies in rats. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.* Presenting author.

Haynes, J. M., Frye, C. C. J., **Galizio, A.**, & Odum, A. L. (2017, May). Effects of nicotine and nicotine with MAOI on alcohol valuation. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.*

Friedel, J. E., **Galizio, A.**, & Odum, A. L. (2016, May). Mental accounting and delay discounting. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, Chicago, IL.*

Galizio, A., Frye, C. C. J., Friedel, J. E., DeHart, W. B., & Odum, A. L. (2016, May). Timing and delay discounting. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, Chicago, IL.* Presenting author.

DeHart, W. B., Frye, C. C. J., Friedel, J. E., **Galizio, A.**, & Odum, A. L. (2016, May). Delay discounting of different outcomes by smokers, smokeless tobacco users, e-cigarette users, and non-users. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.*

Frye, C. C. J., **Galizio, A.**, Friedel, J. E., DeHart, W. B., & Odum, A. L. (2016, May). The magnitude effect in delay discounting research: It's all about the contrast. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.*

Galizio, A., Smith, S. A., Friedel, J. E., Frye, C. C. J., & Odum, A. L. (2016, May). Effects of nicotine on performance in a titrating delayed matching-to-sample task in pigeons. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.* Presenting author.

Frye, C. C. J., Friedel, J. E., **Galizio, A.**, & Odum, A. L. (2015, May). Resurgence of operant variability. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.*

Galizio, A., Friedel, J. E., Smith, B. M., Frye, C. C. J., McIntyre, S., & Odum, A. L. (2015, May). Reinforced behavioral variability is resistant to change under extinction and reinstatement. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.* Presenting author.

Friedel, J. E., DeHart, W. B., Frye, C. C. J., **Galizio, A.**, & Odum, A. L. (2015, May). Impulsivity and tobacco use: Discounting of qualitatively different outcomes in non-smokers, cigarette smokers, and smokeless tobacco users. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, San Antonio, TX.*

Galizio, A., Friedel, J. E., Hudgins, C. D., Nelson, S. A., Vaidya, M., & Odum, A. L. (2015, May). Effects of *d*-amphetamine on performance in a titrating delayed matching-to-sample task in pigeons. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, San Antonio, TX.* Presenting author.

Galizio, A. & Doughty, A. H. (2014, May). Behavioral mechanisms underlying reinforced behavioral variability. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.* Presenting author.

Galizio, A. & Doughty, A. H. (2014, Mar). Behavioral and neural mechanisms underlying reinforced behavioral variability. *Poster presented at the Annual Meeting of the Symposium for Young Neuroscientists And Professors of the Southeast, Asheville, NC.* Presenting author.

Ruscio, M., **Galizio, A.**, & Lench, D. (2013, Nov). Neuroscience Seminar in Germany. *Poster presented at the Annual Provost's Study Abroad Dinner, College of Charleston, Charleston, SC.* Presenting author.

Galizio, A. & Doughty, A. H. (2013, Oct). Reinforced behavioral variability: Direct reinforcement or other processes? *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Myrtle Beach, SC.* Presenting author.

Jackson, C., **Galizio, A.**, & Doughty, A. H. (2013, Oct). Effects of inter-response and inter-trial interval durations on reinforced behavioral variability. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Myrtle Beach, SC.*

Galizio, A., Doughty, A. H., Williams, D. C., Saunders, K. J., & Kresselman, A. L. (2013, Oct). Behavior under non-verbal transitive-inference procedures: Transitivity without awareness, value transfer, or stimulus control topography? *Poster presented at the International Convention of the Association for Behavior Analysis International, Mérida, México.* Presenting author.

Galizio, A., Doughty, A. H., Williams, D. C., Saunders, K. J., & Kresselman, A. L. (2013, May). Behavior under non-verbal transitive-inference procedures: Transitivity without awareness, value transfer, or stimulus control? *Poster presented at the Annual Convention of the Association for Behavior Analysis International, Minneapolis, MN.* Presenting author.

Galizio, A., Doughty, A. H., Williams, D. C., Saunders, K. J., & Kresselman, A. L. (2012, Oct). Behavior under non-verbal transitive-inference procedures: Transitivity without awareness, value transfer, or stimulus control? *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Columbia, SC.* Presenting author.

Deal, M., April, L. B., Eure, R., **Galizio, A.**, Hawkey, A., Hausman, C., Jacobs, K., Timms, M. & Galizio, M. (2011, Oct). Drug effects on incrementing non-matching to sample in rats. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Charlotte, NC.*

Wright, J. C., Thomason, L., Sweeney, S., Reinhold, E., **Galizio, A.**, Silver, E., DiBartolo, M., Milz, A., & Grandjean, P. (2011, May). The role of cognitive resources in determining our moral intuitions: Are we all liberals at heart? *Poster presented at the Association for Psychological Sciences Convention, Washington, DC.*

Research Grant Applications

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|-----------|---|
| 2019-2020 | Graduate Student Translational Research Grant (awarded \$5000)
Society for the Experimental Analysis of Behavior
“Investigating operant variability in the valproate rat model of autism” |
| 2018-2019 | Autism Early Intervention Clinics Grant (awarded \$9000)
Autism Early Intervention Clinics
“The effects of antipsychotic medications on performance on a titrating delayed matching-to-sample task in pigeons” |
| 2018-2019 | Graduate Research and Creative Opportunities (GRCO) Grant (awarded \$1000)
Utah State University
“Generalization of reinforced behavioral variability in rats” |
| 2018-2019 | Psi Chi Graduate Student Research Grant (awarded \$1500)
Psi Chi National Psychology Honors Society
“Generalization of reinforced behavioral variability in rats” |
| 2018 | Innovative Student Research Grant (not awarded)
Society for the Advancement of Behavior Analysis
“Generalization of reinforced behavioral variability across response topographies in rats” |
| 2017 | Graduate Research and Creative Opportunities (GRCO) Grant (not awarded)
Utah State University
“Generalization of reinforced behavioral variability in rats” |
| 2013 | Psi Chi Summer Research Grant (awarded \$5000)
Psi Chi National Psychology Honors Society
“Mechanisms underlying reinforced behavioral variability in pigeons” |
| 2013 | Summer Undergraduate Research with Faculty (SURF) Grant (awarded \$6500)
The Undergraduate Research and Creative Activities Program
College of Charleston, Charleston, SC
“Mechanisms underlying reinforced behavioral variability in pigeons” |
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Honors, Awards, and Scholarships

2018 Paper Competition Winner (\$160)
Experimental Analysis of Human Behavior Special Interest Group
Association for Behavior Analysis International

2018 Graduate Enhancement Award (\$4000)
Office of Research and Graduate Studies
Utah State University, Logan, UT

2018 Graduate Student Travel Award (\$300)
Department of Psychology
Utah State University, Logan, UT

2017 Graduate Student Travel Award (\$500)
Office of Research and Graduate Studies and Department of Psychology
Utah State University, Logan, UT

2016 Senior Student Presenter Grant (\$150)
Society for the Advancement of Behavior Analysis
Association for Behavior Analysis International

2016-2017 Exceptional Student Group
Cambridge Center for Behavioral Studies

2016 Ray Alvord Scholarship (\$1000)
Department of Psychology
Utah State University, Logan, UT

2016 Graduate Student Travel Award (\$600)
Office of Research and Graduate Studies and Department of Psychology
Utah State University, Logan, UT

2015 Graduate Student Travel Award (\$600)
Office of Research and Graduate Studies and Department of Psychology
Utah State University, Logan, UT

2014 Departmental Honors
Department of Psychology
College of Charleston, Charleston, SC

2014 Outstanding Student Award
Department of Psychology
College of Charleston, Charleston, SC

2014 HSS Scholars Award
Department of Psychology, School of Humanities and Social Sciences
College of Charleston, Charleston, SC

2014 Global Scholar
College of Charleston, Charleston, SC

2013 Bischoff Memorial Competitive Merit Scholarship (\$3000)
Department of Psychology

College of Charleston, Charleston, SC

- 2013
Research Presentation Grant (\$750)
The Undergraduate Research and Creative Activities Program
College of Charleston, Charleston, SC
- 2013
Omicron Delta Kappa Leadership Honors Society
College of Charleston, Charleston, SC
- 2012
Phi Eta Sigma Outstanding Student Scholarship (\$500)
Phi Eta Sigma Honors Society
College of Charleston, Charleston, SC
- 2012-2013
Honors Committee
Student representative
Honors College
College of Charleston, Charleston, SC
- 2012
Phi Kappa Phi Study Abroad Grant (\$1000)
Phi Kappa Phi Honors Society
- 2012
Phi Kappa Phi Honors Society
College of Charleston, Charleston, SC
- 2012
Sigma Delta Pi National Collegiate Hispanic Honors Society
College of Charleston, Charleston, SC
- 2012
William Aiken Fellow Summer Enrichment Grant (\$3000)
William Aiken Fellows Society
College of Charleston, Charleston, SC
- 2012
Study Abroad Scholarship (\$1000)
School of Humanities and Social Sciences
College of Charleston, Charleston, SC
- 2012
Research Presentation Grant (\$500)
The Undergraduate Research and Creative Activities Program
College of Charleston, Charleston, SC
- 2011
Phi Eta Sigma Honors Society
College of Charleston, Charleston, SC
- 2011
Psi Chi Psychology Honors Society
College of Charleston, Charleston, SC
- 2011
William Aiken Fellows Society
College of Charleston, Charleston, SC
- 2011-2014
Psychology Advising Committee
Student representative
Department of Psychology
College of Charleston, Charleston, SC

2010-2014 Highly Distinguished Honor Student
Honors College
College of Charleston, Charleston, SC

Relevant Trainings

Collaborative Institutional Training Initiative (CITI) Training
Social and Behavioral Research
Lab Animal Research
Responsible Conduct of Research

LGBTQIA+ Allies On Campus Training
Utah State University

Cultural Competence Training
Utah State University

Getting Started as a Successful Proposal Writer and Academician
Utah State University

Acceptance and Commitment Therapy (ACT) Workshop Series
Utah State University

Education Abroad

Jul – Aug 2012 Spanish Conversation and Reading Strategies in Chile
University of North Carolina at Wilmington, Wilmington, NC
Pontificia Universidad Católica de Valparaíso (PUCV), Valparaíso, Chile
Instructor: Valerie Rider, PhD

May – Jun 2012 Neuroscience Seminar in Germany
College of Charleston, Charleston, SC
Charite University, Berlin, Germany
Ludwig Maximilians Universität, Munich, Germany
Instructors: Mike Ruscio, PhD, and Christopher Korey, PhD

References

Available upon request