

# Annie Galizio, PhD, BCBA-D

## Curriculum Vitae

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### Contact Information

Department of Psychology  
Middle Tennessee State University  
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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

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### 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: Nancy Stone, 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	

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## 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

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## Teaching Experience

### *Courses Taught at Middle Tennessee State University (2021-present):*

PSY 2180 Thinking: Intelligence and Creativity (*face-to-face*) – undergraduate

*Taught Fall 2024, Fall 2025*

PSY 3990 Independent Research in Psychology – undergraduate

*Taught Spring/Summer/Fall 2022, Spring 2023, Spring 2024, Spring/Fall 2025*

PSY 4400 Introduction to Applied Behavior Analysis (*face-to-face*) – undergraduate

*Taught Fall 2021, Spring/Fall 2022, Spring/Fall 2023, Spring/Fall 2024, Spring/Fall 2025*

*Honors Contract in Spring 2025*

PSY 4400 Introduction to Applied Behavior Analysis (*asynchronous online*) – undergraduate

*Taught Summer 2022, Spring/Summer 2023, Spring 2024, Spring/Summer 2025*

PSY 4430/5430 Ethical Conduct in Behavior Analysis (*face-to-face*) – graduate and undergraduate

*Taught Spring 2022, Spring 2023, Spring 2025*

PSY 6445 Skills Assessment and Methods in Applied Behavior Analysis (*face-to-face*) – graduate

*Taught Spring 2024*

PSY 6600 Independent Research: General and Experimental (*face-to-face*) – graduate

*Taught Fall 2024, Spring/Fall 2025*

PSY 6640 Thesis Research (*face-to-face*) – graduate

*Taught Summer/Fall 2022, Spring/Summer 2023, Spring/Fall 2025*

PSY 6720 Literature Review and Reading in Psychology: Learning (*face-to-face*) – graduate

*Taught Spring/Fall 2022, Spring 2025*

PSY 6785 Principles of Behavior Analysis (*face-to-face*) – graduate

*Taught Fall 2023, Fall 2025*

### *Guest Lectures at Middle Tennessee State University:*

PSY 2000 Seminar on Careers in Psychology (*face-to-face*) – undergraduate

*Guest Lectures in Fall 2022, Spring/Fall 2023, Spring/Fall 2024, Spring 2025*

UH 3000 Honors Lecture Series: The Power of Play (*face-to-face*) – undergraduate honors

*Guest Lecture in February 2025*

### *Courses Taught at 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 an RBT (*synchronous online*) – undergraduate

### *Courses Taught at 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

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## Clinical Experience

2022-present	BCBA (Board Certified Behavior Analyst) Supervisor Supervised BCBA trainees accruing supervised fieldwork experience hours BH (2022), AD (2022-2023), KH (2024-present), KT (2025-present), TM (2025-present) Behavior Analyst Certification Board
2020-present	RBT (Registered Behavior Technician) Trainer Designed and implemented RBT 40-Hour Training in PSY 4400 every semester Approximately 30-60 students per semester (2020-present) Middle Tennessee State University & Behavior Analyst Certification Board
2017-2019	Case Manager Autism Support Services: Education, Research, and Training (ASSERT) Utah State University Supervisor: Tom Higbee, PhD, BCBA-D
2016-2017 2015-2016	Lead Instructor Instructor Autism Support Services: Education, Research, and Training (ASSERT) Utah State University Supervisor: Kassidy 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 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

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## Professional Service

### ***Editorial Service:***

2023-present	Board of Editors, <i>Journal of the Experimental Analysis of Behavior (JEAB)</i> Reviewed 1 manuscript in 2023, 4 manuscripts in 2024, 6 manuscripts in 2025 Society for the Experimental Analysis of Behavior (SEAB)
2022-2024	Co-Editor, <i>Journal of Applied Health and Behavioral Sciences in Society (JAHBSS)</i> College of Behavioral and Health Sciences, Middle Tennessee State University Co-Editor: Lee Wade, PhD

2015-2023      Editorial Assistant, *Journal of the Experimental Analysis of Behavior (JEAB)*  
Society for the Experimental Analysis of Behavior (SEAB)  
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:***

2025      Behavior Analysis Research and Practice x1

2024      Behavior Analysis Research and Practice x2  
Animal Cognition x2  
Experimental Analysis of Human Behavior Bulletin x1

2023      The Psychological Record x1

2022      The Psychological Record x1  
Behavioural Processes x3  
BioMed Research International x1  
Journal of the Experimental Analysis of Behavior x2

2021      Behavioural Processes x1  
European Journal of Behavior Analysis x1  
Journal of the Experimental Analysis of Behavior x1

2020      European Neuropsychopharmacology x2  
Journal of the Experimental Analysis of Behavior x1

2019      Journal of the Experimental Analysis of Behavior x1

2018      Basic and Applied Social Psychology x1  
Journal of the Experimental Analysis of Behavior x1  
Behavioural Processes x1

2016      Pharmacology, Biochemistry, and Behavior x2  
Basic and Applied Social Psychology x1

***Organizational Service:***

2025-present      Board Member  
Society for the Quantitative Analysis of Behavior

2024-present      President Elect  
Southeastern Association for Behavior Analysis

2024      Reviewer, APA Division 25 Awards Committee  
Awards Reviewed: Basic Dissertation Award, ABAI Fred S. Keller Behavioral Education Award, SEAB Don Hake Translational Research Award, BF Skinner Foundation New Basic Researcher Award, BF Skinner Foundation New Applied Researcher Award, Med Associates Basic Researcher Award, ABAI Nathan H. Azrin Applied Researcher Award

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

### ***University Service:***

2025-present	Institutional Animal Care and Use Committee, Vice Chair (elected)
2024-present	Institutional Animal Care and Use Committee, member
	Middle Tennessee State University
2025-present	Pathway 2 Program Coordinator
2023-2026	Verified Course Sequence (VCS) Coordinator (discontinued in 2026)
	MA in Applied Research and Methodology, Behavior Analysis Specialization
	Middle Tennessee State University
	Association for Behavior Analysis International

### ***Departmental Committees:***

Middle Tennessee State University, Department of Psychology

2025-present	Psychology Textbook Fund Committee, member
2025-present	LRP Sub-Committee on Strategic Planning, member
2023-2025	Long Range Planning Committee, member
2023-2024	Search Committee for Industrial/Organizational Faculty Member, member
2022-present	Belonging & Engagement Committee, member
2022-present	Social and Professional Activities Committee, member
2021-2022	Ad-Hoc Research and Teaching Space Committee, member

Western New England University, Department of Psychology

2020-2021	Graduate Student Evaluation Committee (Behavior Analysis Graduate Programs)
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### ***Thesis/Dissertation Committees:***

In progress	Kaitlyn Thornsby (master's thesis, chair)
In progress	Jordan Feild (master's thesis, chair)
	Assessing the effects of pairing on social preferences in rats
In progress	Caitlyn Wells (master's thesis, member)
	Investigating dopamine and oxytocin's role in social motivation
2025	Paige Seaborn (high school thesis, faculty mentor)
	Career and technical education and pathway courses
2025	Kristina Hughes (master's thesis, member)
	Autoshaping of the mouse's lever press for social reinforcers
2024	Emmalee Chance (undergraduate honors thesis, faculty advisor)
	Understanding the societal, disciplinary, and phenotypic factors contributing to hindered diagnosis of autism in women
2023	Mark Rust, MTSU (master's thesis, chair)
	The effects of smartphone screen time on behavioral variability
2023	Paula Collette, MTSU (undergraduate honors thesis, faculty advisor)
	An investigation of variability in play behavior in children diagnosed with autism spectrum disorder and neurotypical controls
2022	Andrew Nuzzolilli, WNE (dissertation, member)
	Dynamics of human fixed-ratio performance
2021	Siv Kristin Nergaard, Oslo Metropolitan University (dissertation, member)
	Effects of reinforcement on behavioral variability

## Professional Memberships

American Psychological Association

Div. 25: Behavior Analysis

Div. 33: Intellectual and Developmental Disabilities / Autism Spectrum Disorder

Association for Behavior Analysis International

Society for the Experimental Analysis of Behavior

Society for the Quantitative Analysis of Behavior

Southeastern Association for Behavior Analysis

Tennessee Association for Behavior Analysis

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## Manuscripts in Progress

\*MTSU graduate students

\*\*MTSU undergraduate students

**Galizio, A.**, Collette, P.\*\*, & Hinnenkamp, J. E. (under review). Choice for variable or repetitive play behavior in a neurotypical child: A pilot study. *Single Case in the Social Sciences*.

Hinnenkamp, J. E., Latham, J.\*\*, & **Galizio, A.** (under review). An investigation of the effects of colony room isolation on individually housed female rats' preference for social scents. *The Psychological Record*.

Hinnenkamp, J. E., Neal, J.\*\*, & Galizio, A. (under review). Investigating the effects of olfactory stimuli on rats' choices for probabilistic reinforcers. *Journal of the Experimental Analysis of Behavior*.

Neuringer, A., Jensen, G., & **Galizio, A.** (under review). Operant variability. *Invited book chapter for the APA Handbook of Behavior Analysis*.

Chance, E.\*\* & **Galizio, A.** (in preparation). Understanding the societal, disciplinary, and phenotypic factors contributing to hindered diagnosis of autism in women.

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

**Galizio, A.**, Yule, J.\*\*, & Hinnenkamp, J. E. (in preparation). The effects of familiarity on preference for social olfactory stimuli in rats.

Rust, M.\*, **Galizio, A.**, & Hinnenkamp, J. E. (in preparation). Effects of smartphone screen time on behavioral variability.

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## Peer-Reviewed Publications

\*MTSU graduate students

\*\*MTSU undergraduate students

Hinnenkamp, J. E., Dunthorn, A.\*, **Galizio, A.**, & Rogers, T. (2025). Using a free-operant olfactory choice procedure to assess preference for social and nonsocial stimuli in female rats. *Journal of the Experimental Analysis of Behavior*, 124(1), e70030. <https://doi.org/10.1002/jeab.70030>

**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>

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## 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. <https://doi.org/10.5040/9781350069022.ch-004>

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## Invited Presentations

**Galizio, A.** (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.

**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.

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## Symposia and Paper Sessions

\*MTSU graduate students

\*\*MTSU undergraduate students

Hinnenkamp, J. E., Neal, J.\*\*, Latham, J.\*\*, & **Galizio, A.** (2024, May). Investigating the effects of olfactory stimuli on rats' choices. *Symposium: Olfaction in behavioral research: Studies of equivalence and social reinforcement in rats*. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Philadelphia, PA.

Hinnenkamp, J. E., **Galizio, A.**, Dunthorn, A.\*, Latham, J.\*\*, & Rust, M.\* (2023, May). An investigation of olfactory stimuli as reinforcers for female rats' nose-poking behavior. *Symposium: Experimental, applied, and translational research on olfactory stimulus control in rats and dogs*. Oral presentation at the Annual Convention of the Association for Behavior Analysis International, Denver, CO. Symposium chair.



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.**, 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.

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## Poster Presentations

\*MTSU graduate students

\*\*MTSU undergraduate students

Hughes, K.\* , Rogers, T. D., Hinnenkamp, J. E., **Galizio, A.**, & Thornsby, K.\* (2025, May). Autoshaping of the mouse's lever press for social reinforcers. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Washington, DC*.

Mitchell, T.\*\* , **Galizio, A.**, Hinnenkamp, J. E., Neal, J.\*\* , Feild, J.\* , Patel, K.\* , & Thornsby, K.\* (2025, May). Reinforcing behavioral variability using lag and threshold schedules in a multiple schedule with olfactory stimuli in rats. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, Washington, DC*.

Neal, J.\*\* , Hinnenkamp, J. E., **Galizio, A.**, Mitchell, T.\*\* , Yule, J.\*\* , Thornsby, K.\* , Feild, J.\* , & Patel, K.\* (2025, May). The role of olfactory stimuli in promoting suboptimal choice in female rats. *Poster presented at the Annual Convention of the Association for Behavior Analysis International, Washington, DC*.

Mitchell, T.\*\* , **Galizio, A.**, Hinnenkamp, J. E., Neal, J.\*\* , Feild, J.\* , Thornsby, K.\* , Patel, K.\* , & Yule, J.\*\* (2024, Nov). Reinforcing behavioral variability in a multiple schedule with olfactory stimuli. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Greenville, SC*.

Neal, J.\*\* , Hinnenkamp, J. E., **Galizio, A.**, Mitchell, T.\*\* , Yule, J.\*\* , Thornsby, K.\* , Feild, J.\* , & Patel, K.\* (2024, Nov). An investigation of the factors that influence suboptimal choice in female rats. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Greenville, SC*.

**Galizio, A.**, Hinnenkamp, J. E., Yule, J.\*\* , & Latham, J.\*\* (2024, May). Effects of social isolation and familiarity on responding for social olfactory stimuli in female rats. *Poster presented at the Annual Meeting of the Society for the Quantitative Analysis of Behavior, Philadelphia, PA*. Presenting author.

Collette, P.\*\*, Feild, J.\*, Neal, J.\*\*, Henry, S.\*\*, Patel, K.\*, Thornsby, K.\*\*, Hinnenkamp, J. E., & **Galizio, A.** (2023, Oct-Nov). Reinforcing play variability in a neurotypical child. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Greenville, SC, and the Annual Meeting of the Tennessee Association for Behavior Analysis, Nashville, TN.*

Latham, J.\*\*, Neal, J.\*\*, Yule, J.\*\*, Feild, J.\*, Patel, K.\*, Clark, Z.\*\*, Dunthorn, A.\*, **Galizio, A.**, & Hinnenkamp, J. E. (2023, Oct-Nov). The effects of social isolation on rats' preference for social scents. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Greenville, SC, and the Annual Meeting of the Tennessee Association for Behavior Analysis, Nashville, TN.*

Dunthorn, A.\*, Rust, M.\*, Thornsby, K.\*\*, White, J.\*\*, Collette, P.\*\*, Patel, K.\*\*, **Galizio, A.**, & Hinnenkamp, J. E. (2022, Oct). The effect of social and non-social olfactory stimuli as reinforcers for rats' nose-poking behavior. *Poster presented at the Annual Meeting of the Southeastern Association for Behavior Analysis, Columbia, SC, and the Annual Meeting of the Tennessee Association for Behavior Analysis, Nashville, TN.*

Hinnenkamp, J. E., **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.*

Contreras, B. P., Higbee, T. S., **Galizio, A.**, Pellegrino, A., & Becerra, L. A. (2019, Nov). Promoting generalization of varied play behavior with children with autism. *Poster presented at the 10<sup>th</sup> International Meeting of the Association for Behavior Analysis International, Stockholm, Sweden.*

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 (additional data presented). *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? (additional data presented). *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? (additional data presented). *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.*

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## Research Grant Applications

2024	Pilot Grant 2024 (not awarded) “Assessing and manipulating valuation of social stimuli in rat models of autism spectrum disorder” Co-PIs: Ann Galizio, Jay Hinnenkamp, and Tiffany Rogers Eagles Autism Foundation
2024	Undergraduate Research Experience and Creative Activity (URECA) Grant Student: Tristan Mitchell (Gold, awarded \$2300) “Effects of reinforcer magnitude on reinforced behavioral variability in rats” Undergraduate Research Center, Middle Tennessee State University
2023	Undergraduate Research Experience and Creative Activity (URECA) Grant Student: Justin Yule (Assistant, awarded \$800) “Investigation of preference for familiar and unfamiliar social olfactory stimuli in rats” Undergraduate Research Center, Middle Tennessee State University
2019-2020	Graduate Student Translational Research Grant (awarded \$5000) “Investigating operant variability in the valproate rat model of autism” Society for the Experimental Analysis of Behavior
2018-2019	Autism Early Intervention Clinics Grant (awarded \$9000) “The effects of antipsychotic medications on performance on a titrating delayed matching-to-sample task in pigeons”

### Autism Early Intervention Clinics

2018-2019	Graduate Research and Creative Opportunities (GRCO) Grant (awarded \$1000) “Generalization of reinforced behavioral variability in rats” Utah State University
2018-2019	Psi Chi Graduate Student Research Grant (awarded \$1500) “Generalization of reinforced behavioral variability in rats” Psi Chi National Psychology Honors Society
2018	Innovative Student Research Grant (not awarded) “Generalization of reinforced behavioral variability across response topographies in rats” Society for the Advancement of Behavior Analysis
2017	Graduate Research and Creative Opportunities (GRCO) Grant (not awarded) “Generalization of reinforced behavioral variability in rats” Utah State University
2013	Psi Chi Summer Research Grant (awarded \$5000) “Mechanisms underlying reinforced behavioral variability in pigeons” Psi Chi National Psychology Honors Society
2013	Summer Undergraduate Research with Faculty (SURF) Grant (awarded \$6500) “Mechanisms underlying reinforced behavioral variability in pigeons” College of Charleston

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### Honors, Awards, and Scholarships

2023	Make a Difference Program (Recognized Spring/Fall 2023) Middle Tennessee State University
2023	Phi Kappa Phi: Influential Faculty/Staff Member (Recognized Fall 2023) Middle Tennessee State University
2023	Joseph V. Brady Significant Research Contribution Award Society for the Experimental Analysis of Behavior
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
2017	Tony Nevin Invited Student Presentation Society for the Quantitative Analysis of Behavior
2016-2017	Exceptional Student Group Cambridge Center for Behavioral Studies
2016	Ray Alvord Scholarship (\$1000) Department of Psychology, Utah State University

2016	Senior Student Presenter Grant (\$150) Society for the Advancement of Behavior Analysis, Association for Behavior Analysis International
2015-2018	Graduate Student Travel Award (awarded four times, variable amounts) Department of Psychology, Utah State University
2014	Psychology Departmental Honors Psychology Outstanding Student Award Humanities and Social Sciences (HSS) Scholars Award Global Scholar College of Charleston
2013	Omicron Delta Kappa Leadership Honors Society College of Charleston
2013	Bischoff Memorial Competitive Merit Scholarship (\$3000) Department of Psychology, College of Charleston
2013	Research Presentation Grant (\$750) Undergraduate Research and Creative Activities, College of Charleston
2012-2013	Student Representative, Honors Committee Honors College, College of Charleston
2012	Phi Eta Sigma Outstanding Student Scholarship (\$500) Phi Eta Sigma Honors Society, College of Charleston
2012	Phi Kappa Phi Study Abroad Grant (\$1000) Phi Kappa Phi Honors Society
2012	William Aiken Fellow Summer Enrichment Grant (\$3000) William Aiken Fellows Society, College of Charleston
2012	Study Abroad Scholarship (\$1000) School of Humanities and Social Sciences, College of Charleston
2012	Research Presentation Grant (\$500) Undergraduate Research and Creative Activities, College of Charleston
2012	Phi Kappa Phi Honors Society Sigma Delta Pi National Collegiate Hispanic Honors Society College of Charleston
2011-2014	Student Representative, Psychology Advising Committee Department of Psychology, College of Charleston
2011	Phi Eta Sigma Honors Society Psi Chi Psychology Honors Society William Aiken Fellows Society College of Charleston



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

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## **Undergraduate and Graduate Research Experience**

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

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

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## **Relevant Trainings**

Collaborative Institutional Training Initiative (CITI) Research Ethics Training Courses

- Conflict of Interest*
- (Essentials of Grant Proposal Development)*
- Social and Behavioral Research*
- Social and Behavioral Responsible Conduct of Research*
- (Biomedical Responsible Conduct of Research)*
- Working with Animals in Biomedical Research*
- Reducing Pain and Distress in Laboratory Mice and Rats*
- Working with Rats in Research Settings (Mice, Swine, Zebrafish, Horses, Cattle, Amphibians)*
- (Wildlife Research)*
- Aseptic Surgery*
- (Basic Introduction to Biosafety)*
- (Animal Biosafety)*
- Animal Care and Use QA Programs*
- Researchers Working with the IACUC*
- Staff Working with the IACUC*

*Essentials for IACUC Members*  
*IACUC Protocol Review*  
*IACUC Administration*  
*IACUC Post-Approval Monitoring (PAM)*  
*(IACUC Chair)*

LGBT+ Safe Zone Training  
Middle Tennessee State University

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

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## **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

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## **References**

Available upon request