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## Eric A. Thraikill, Ph.D.

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Vermont Center on Behavior and Health  
Departments of Psychological Science and Psychiatry  
University of Vermont  
[Department Profile](#)  
Office: John Dewey Hall, Room 106  
2 Colchester Ave.  
Burlington, VT 05405  
Phone: (802) 656-2669  
[eric.thraikill@uvm.edu](mailto:eric.thraikill@uvm.edu)  
ORCID: 0000-0003-2725-5428

192 N. Willard St.  
Burlington, VT 05401  
Phone: (602) 291-7311  
Place of Birth: Minot, ND

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### ACADEMIC APPOINTMENTS

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#### Current

- From 2024 Assistant Professor (Tenure Track), Department of Psychological Science (primary), University of Vermont
- From 2021 Member, Vermont Center on Behavior and Health  
Member, University of Vermont Cancer Center (Cancer Population Sciences)  
Secondary Appointment, Department of Psychiatry, Larner College of Medicine, University of Vermont

#### Past

- 2023-2024 Research Associate Professor, Department of Psychological Science, University of Vermont  
Senior Lecturer, Department of Psychological Science, University of Vermont
- 2021-2023 Lecturer, Department of Psychological Science, University of Vermont
- 2018-2023 Research Assistant Professor, Department of Psychological Science, University of Vermont
- 2017-2018 Research Affiliate, Department of Psychological Science, University of Vermont

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### EDUCATION AND TRAINING

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- 2013 – 2017 Postdoctoral Associate, Experimental Psychology  
University of Vermont, Department of Psychological Science  
Research: Associative mechanisms of instrumental learning; Habits and goal-directed actions; Behavioral chains  
Supervisor: Mark E. Bouton, Ph.D.
- 2011 – 2013 Ph.D., Psychology (Behavior Analysis)  
Utah State University, Department of Psychology

Thesis research: “*Token reinforcement and resistance to change*”

Supervisor: Timothy A. Shahan, Ph.D.

- 2007 – 2011 M.S., Psychology (Behavior Analysis)  
Utah State University, Department of Psychology  
Thesis research: “*Examining the effects of reinforcement context on relapse of observing*”  
Supervisor: Timothy A. Shahan, Ph.D.
- 2002 - 2006 B.S., Psychology (Behavioral Neuroscience)  
Arizona State University, Department of Psychology, 2006  
Laboratory Manager, Killeen Operant Laboratory (2004-2007); Research:  
*Progressive ratio schedules of reinforcement; Timing with opportunity costs*  
Supervisor: Peter R. Killeen, Ph.D.

## PEER REVIEWED PUBLICATIONS

[Pub Med](#) · [Google Scholar](#) · [Research Gate](#)

(Listed in reverse chronological order)

Collaborators: \*graduate student \*\* undergraduate student

1. Dougherty\*, R. J., **Thraikill, E. A.**, Mohammed\*, Z., VonDoepp\*\*, S., Hilton-VanOsdall\*\*, E., Charette\*\*, S., Van Horn\*\*, S., Quirk\*\*, A., Kraus\*\*, A., & Toufexis, D. J. (2024). Acute stress facilitates habitual behavior in female rats. *Physiology & Behavior*, 114456. <https://doi.org/10.1016/j.physbeh.2024.114456>
2. Watson, P., **Thraikill, E. A.**, Corbit, L. H., & Bouton, M. E. (2024). Introduction to the special issue: Goal direction and habit in operant behavior. *Journal of the Experimental Analysis of Behavior*, 121, 3-7. <https://doi.org/10.1002/jeab.901>
3. **Thraikill, E. A.**, & Daniels, C. W. (2024). The temporal structure of goal-directed and habitual operant behavior. *Journal of the Experimental Analysis of Behavior*, 121, 38-51. <https://doi.org/10.1002/JEAB.896>
4. **Thraikill, E. A.** (2023). Partial reinforcement extinction and omission effects in the elimination and recovery of discriminated operant behavior. *Journal of Experimental Psychology: Animal Learning and Cognition*, 49, 194–207. <https://doi.org/10.1037/xan0000354>
5. **Thraikill, E. A.** (2023). Hippocampus and neocortex send and receive predictive information. *Learning & Behavior*, 51, 353-354. <https://doi.org/10.3758/s13420-022-00563-z>
6. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2023). Loss aversion predicts cigarette smoking status across levels of sociodemographic characteristics. *Experimental and Clinical Psychopharmacology*, Advance online publication. <https://doi.org/10.1037/pha0000665>
7. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2023). Loss aversion and current, never, and former cigarette smoking status. *Nicotine & Tobacco Research*, 25, 1277-1282. <https://doi.org/10.1093/ntr/ntad043>
8. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2022). Intersections between environmental reward availability, loss aversion, and delay discounting as potential risk factors for cigarette smoking and other substance use. *Preventive Medicine*, 165, 107270. <https://doi.org/10.1016/j.ypmed.2022.107270>

Field Code Changed

9. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2022). Loss aversion and risk for cigarette smoking and other substance use. *Drug and Alcohol Dependence*, 232, 109307. <https://doi.org/10.1016/j.drugalcdep.2022.109307>
10. **Thraikill, E. A.** & Alcalá, J. A.\* (2022). Relapse after incentivized choice in humans: A model for studying behavior change. *Experimental and Clinical Psychopharmacology*. 30(2), 220-234. <https://doi.org/10.1037/pha0000443>
11. Bouton, M. E., Allen, S. M.\*\*, Tavakkoli, A.\*\*, Steinfeld, M. R.\*, & **Thraikill, E. A.** (2021). Effect of context on the instrumental reinforcer devaluation effect produced by taste aversion learning. *Journal of Experimental Psychology: Animal Learning and Cognition*, 47(4), 476–489. <https://doi.org/10.1037/xan0000295>
12. **Thraikill, E. A.**, Michaud, N.\*, & Bouton, M. E. (2021). Reinforcer predictability and stimulus salience in discriminated operant habit learning. *Journal of Experimental Psychology: Animal Learning and Cognition*, 47, 183-199. <https://doi.org/10.1037/xan0000285>
13. Bouton, M. E., **Thraikill, E. A.**, Trask, S., & Alfaro, F\*. (2020). Correction of response error vs. stimulus error in the extinction of discriminated operant learning. *Journal of Experimental Psychology: Animal Learning and Cognition*, 46, 398-407. <https://doi.org/10.1037/xan0000267>
14. **Thraikill, E. A.**, Todd, T. P., & Bouton, M. E. (2020). Effects of CS duration, intertrial interval, and I/T ratio on appetitive Pavlovian conditioning. *Journal of Experimental Psychology: Animal Learning and Cognition*, 46, 243-255. <https://doi.org/10.1037/xan0000241>
15. Thomas, C. M.\*, **Thraikill, E. A.**, Bouton, M. E., & Green, J. T. (2020). Inactivation of the prelimbic cortex attenuates operant responding in both physical and behavioral contexts. *Neurobiology of Learning and Memory*, 171, 107189. <https://doi.org/10.1016/j.nlm.2020.107189>
16. Bouton, M. E., Broomer, M., Rey, C. N.\*, & **Thraikill, E. A.** (2020). Unexpected food outcomes can return a habit to goal-directed action. *Neurobiology of Learning and Memory*, 169, 107163. <https://doi.org/10.1016/j.nlm.2020.107163>
17. Rey, C. N., **Thraikill, E. A.**, Goldberg, K. L.\*\*, & Bouton, M. E. (2020). Relapse of operant behavior after response elimination with an extinction or an omission contingency. *Journal of the Experimental Analysis of Behavior*, 113, 124-140. <https://doi.org/10.1002/jeab.568>
18. Steinfeld, M.\*, Alcalá, J. A.\*, **Thraikill, E. A.**, & Bouton, M. E. (2019). Renewal in a heterogeneous behavior chain: Extinction of the first response prevents renewal of a second response when it is separately extinguished and returned to the chain. *Learning and Motivation*, 68, 101587. <https://doi.org/10.1016/j.lmot.2019.101587>
19. **Thraikill, E. A.**, Ameden, W. P.\*\*, & Bouton, M. E. (2019). Resurgence in humans: Reducing relapse by increasing generalization between treatment and testing. *Journal of Experimental Psychology: Animal Learning and Cognition*, 45, 338-349. <https://doi.org/10.1037/xan0000209>
20. **Thraikill, E. A.**, Trask, S., Alcalá, J.\*, Vidal, P.\*, & Bouton, M. E. (2018). Stimulus control of actions and habits: A role for reinforcer predictability and attention in the development of habitual behavior. *Journal of Experimental Psychology: Animal Learning and Cognition*, 44, 370-384. <https://doi.org/10.1037/xan0000188>

21. **Thraikill, E. A.**, Porritt, F., Kacelnik, A., & Bouton, M. E. (2018). Maintaining performance in searching dogs: Evidence from a rat model that training to detect a second (irrelevant) stimulus can maintain search and detection responding. *Behavioural Processes*, *157*, 161-170. <https://doi.org/10.1016/j.beproc.2018.09.012>
22. **Thraikill, E. A.**, Kimball, R.\*, Craig, A. R., Podlesnik, C. A., & Kelley, M. E. (2018). Greater reinforcement rate during training increases spontaneous recovery. *Journal of the Experimental Analysis of Behavior*, *109*, 238-252. <https://doi.org/10.1002/jeab.307>
23. Miles, O. W.\*, **Thraikill, E. A.**, Linden, A.\*, May, V., Bouton, M. E., & Hammack, S. E. (2017). Pituitary adenylate cyclase-activating peptide in the bed nucleus of the stria terminalis mediates stress-induced reinstatement of cocaine seeking in rats. *Neuropsychopharmacology*, *43*, 978–986. <https://doi.org/10.1038/npp.2017.135>
24. **Thraikill, E. A.**, & Bouton, M. E. (2017). Factors that influence the persistence and relapse of discriminated behavior chains. *Behavioural Processes*, *141*, 3-10. <https://doi.org/10.1016/j.beproc.2017.04.009>
25. Bouton, M. E., **Thraikill, E. A.**, Bergeria, C.\*, & Davis, D.\* (2017). Preventing relapse after incentivized choice treatment: A laboratory model. *Behavioural Processes*. *141*, 11-18. <https://doi.org/10.1016/j.beproc.2017.02.005>
26. Trask, S.\*, **Thraikill, E. A.**, & Bouton, M. E. (2017). Occasion setting, inhibition, and the contextual control of extinction in Pavlovian and instrumental (operant) learning. *Behavioural Processes*, *137*, 64-72. <https://doi.org/10.1016/j.beproc.2016.10.003>
27. **Thraikill, E. A.**, & Bouton, M. E. (2017). Effects of outcome devaluation on instrumental behaviors in a discriminated heterogeneous chain. *Journal of Experimental Psychology: Animal Learning and Cognition*, *43*, 88-95. <https://doi.org/10.1037/xan0000119>
28. **Thraikill, E. A.**, Trott, J. M.\*\*, Zerr, C. L.\*\*, & Bouton, M. E. (2016). Contextual control of chained instrumental behaviors. *Journal of Experimental Psychology: Animal Learning and Cognition*, *42*, 401-414. <https://doi.org/10.1037/xan0000112>
29. **Thraikill, E. A.**, & Bouton, M. E. (2016). Extinction and the associative structure of heterogeneous instrumental chains. *Neurobiology of Learning and Memory*, *133*, 61-68. <https://doi.org/10.1016/j.nlm.2016.06.005>
30. **Thraikill, E. A.**, Porritt, F., Kacelnik, A., & Bouton, M. E. (2016). Increasing the persistence of a heterogeneous behavior chain: Studies of extinction in a rat model of search behavior of working dogs. *Behavioural Processes*, *129*, 44-53. <https://doi.org/10.1016/j.beproc.2016.05.009>
31. **Thraikill, E. A.**, & Bouton, M. E. (2016). Extinction of chained instrumental behaviors: Effects of consumption extinction on procurement responding. *Learning & Behavior*, *44*, 85-96. <https://doi.org/10.3758/s13420-015-0193-y>
32. **Thraikill, E. A.**, & Bouton, M. E. (2015). Extinction of chained instrumental behaviors: Effects of procurement extinction on consumption responding. *Journal of Experimental Psychology: Animal Learning and Cognition*, *41*, 232-246. <https://doi.org/10.1037/xan0000064>
33. **Thraikill, E. A.**, & Bouton, M. E. (2015). Contextual control of instrumental actions and habits. *Journal of Experimental Psychology: Animal Learning and Cognition*, *41*, 69-80. <https://doi.org/10.1037/xan0000045>

34. **Thraikill, E. A.**, Epstein, L. H., & Bouton, M. E. (2014). Effects of inter-food interval on the variety effect in an instrumental food-seeking task: Clarifying the role of habituation. *Appetite*, 84, 43-53. <https://doi.org/10.1016/j.appet.2014.09.015>
35. **Thraikill, E. A.\***, & Shahan T. A. (2014). Temporal integration and instrumental conditioned reinforcement. *Learning & Behavior*, 42, 201-208. <https://doi.org/10.3758/s13420-014-0138-X>
36. **Thraikill, E. A.\***, & Shahan T. A. (2012). Resistance to change and relapse of observing. *Journal of the Experimental Analysis of Behavior*, 97, 279-302. <https://doi.org/10.1901/jeab.2012.97-281>
37. Podlesnik\*, C. A., **Thraikill, E. A.\***, & Shahan, T. A. (2012). Differential reinforcement and resistance to change of divided attention performance. *Learning & Behavior*, 40, 158-169. <https://doi.org/10.3758/s13420-011-0052-4>
38. Podlesnik\*, C. A., Jimenez-Gomez\*, C., **Thraikill, E. A.\***, & Shahan, T. A. (2011). Temporal context, preference, and resistance to change. *Journal of the Experimental Analysis of Behavior*, 96, 191-213. <https://doi.org/10.1901/jeab.2011.96-191>
39. Barker\*\*, D. J., Sanabria, F., Lasswell\*\*, A., **Thraikill, E. A.\*\***, Pawlak\*\*, A. P., & Killeen, P. R. (2010). Bright light as a practical aversive stimulus for the albino rat. *Behavioural Brain Research*, 214, 402-408. <https://doi.org/10.1016/j.bbr.2010.06.020>
40. Sanabria, F., **Thraikill, E. A.\*\***, & Killeen, P. R. (2009). Timing with opportunity cost: Concurrent schedules improve peak timing. *Learning & Behavior*, 37, 217-229. <https://doi.org/10.3758/LB.37.3.217>
41. Sanabria, F., & **Thraikill, E.\*\*** (2009). Pigeons (*Columba livia*) approach Nash Equilibrium in experimental matching pennies competitions. *Journal of the Experimental Analysis of Behavior*, 91, 169-183. <https://doi.org/10.1901/jeab.2009.91-169>
42. Killeen, P. R., Posadas-Sanchez\*, D., Johansen, E. B. & **Thraikill, E. A.\*\*** (2009). Progressive ratio schedules of reinforcement. *Journal of Experimental Psychology: Animal Behavior Processes*, 35, 35-50. <https://doi.org/10.1037/a0012497>

#### Book Chapters

1. **Thraikill, E. A.** & Rey, C. N. (2023). Pavlovian learning: Principles to guide application. Forthcoming in (H. S. Roane, A. R. Craig, V. Saini, J. E. Ringdahl, eds.) *Behavior Analysis: Translational Perspectives and Clinical Practice* (pp. 123-146), Guilford Press
2. Todd, T. P., & **Thraikill, E. A.** (2017). Extinction. In A. Wenzel (Ed.), *The sage encyclopedia of abnormal and clinical psychology* (Vol. 7, pp. 1408-1410). Thousand Oaks, CA: SAGE Publications Ltd.

#### Manuscripts Under Review

**Thraikill, E. A.**, Elste\*\*, N., Thorpe\*\*, C., & Bouton, M. E. Experimental induction of habit and goal-direction in human participants.

**Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. Clustering of behavioral economic biases in decision-making and risk for cigarette smoking and other substance use

#### Manuscripts in Preparation

**Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. Loss aversion is associated with nicotine dependence severity in adults who smoke cigarettes independent of delay discounting.

**Thraikill, E.A.**, DeSarno, M., & Higgins, S. T. Loss aversion, delay discounting, and cigarette smoking status: Intersections with cumulative vulnerabilities in a nationally representative sample of U.S. adults

**Thraikill, E.A.** Differences in loss-weighting during evidence accumulation, but not choice predisposition, contributes to risk for cigarette smoking.

**Thraikill, E.A.**, Fecher, S.\*\*, Khadanga, S, Tidey, J. Errors in risk perception of very-low nicotine cigarettes among those currently smoking and living in a test market.

**Thraikill, E.A.**, DeSarno, M., & Higgins, S. T. Low loss aversion predicts individual differences in risk perceptions of very-low nicotine content cigarettes.

**Thraikill, E. A.**, & Ertle\*\*, E. A. Evidence of bidirectional associative change in retrospective reevaluation using serial compounds.

## PRESENTATIONS

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### Talks – Invited

1. **Thraikill, E. A.** (2023, August). Loss aversion in behavior and risk for cigarette smoking and other substance use. B. F. Skinner Foundation New Researcher Award, Basic category. Division 25. American Psychological Association, Washington, DC.
2. **Thraikill, E. A.** (2022, July). A case study of reproducible addiction science online. BeOnline Conference on Online Behavioral Research. Online.
3. **Thraikill, E. A.** (2021, November). Loss aversion and risk for cigarette smoking and other substance use. 2021 NIDA-NIAAA Mini-Convention, Frontiers in Addiction Research Poster Session. Online.
4. **Thraikill, E. A.** (2021, May). Persistence and relapse of operant behavior: An overview and some data. Discussant, Association for Behavior Analysis International Convention. Online.
5. **Thraikill, E. A.** (2021, March). Making loss aversion appear, disappear, and reappear in people. Biobehavioral Cluster Seminar, Department of Psychological Science, University of Vermont, Burlington, VT.
6. **Thraikill, E. A.** (2019, September). Product diversity and harm reduction, Vermont Center on Behavior and Health, Tobacco Regulatory Science Seminar. Burlington, VT.
7. **Thraikill, E. A.** (2019, August). Generalization of behavior change as an approach to reducing relapse: Parallel studies of instrumental extinction in humans and extension to smoking. Poster presented at 1st Collaborative Research on Addiction at NIH (CRAN) Mentored K Career Development Awardee Meeting. NIH campus, Bethesda, MD.
8. **Thraikill, E. A.** (2018, October). Processes underlying behavior change in humans and rats. Vermont Center on Behavior and Health Trainee Seminar, University of Vermont, Burlington, VT.
9. **Thraikill, E. A.** (2018, May). Associative analysis of behavior chains. Systems and Behavioral Neuroscience Seminar, Department of Psychological and Brain Sciences Dartmouth College, Hanover, NH.
10. **Thraikill, E. A.**, & Bouton, M. E. (2016, May). Persistence and relapse in heterogeneous behavior chains. Annual meeting of the Society for the Quantitative Analysis of Behavior, Chicago, IL.

### Talks – International Conferences

1. **Thraillkill, E. A.** (2019, April). Generalization from treatment to test weakens relapse of instrumental behavior in humans. Paper presented at Associative Learning Symposium XXIII, Gregynog Hall, Wales, UK.
2. **Thraillkill, E. A., & Bouton, M. E.** (2015, March). Associative analysis of heterogeneous instrumental chains. Paper presented at Associative Learning Symposium XIX, Gregynog Hall, Wales, UK.

#### Talks – National Conferences

1. **Thraillkill, E. A.** (2023, June). Loss aversion predicts cigarette smoking status across gender and socioeconomic levels. College on Problems of Drug Dependence, Denver, CO.
2. **Thraillkill, E. A.** (2022, May). Successive incentive contrast influences loss aversion. Annual convention of the Association for Behavior Analysis International, Boston, MA.
3. **Thraillkill, E. A.** (2021, August). Reinforcer predictability and the contextual control of discriminated operant extinction. American Psychological Association Convention. Online.
4. **Thraillkill, E. A., & Bouton, M. E.** (2019, May). Resurgence in humans: Increasing generalization between treatment and testing reduces relapse. Annual convention of the Association for Behavior Analysis International, Chicago, IL.
5. **Thraillkill, E. A., & Bouton, M. E.** (2014, May). Contextual control of actions and habits. Annual convention of the Association for Behavior Analysis International, Chicago, IL.
6. **Thraillkill, E. A.\* & Shahan, T. A.** (2014, May). Temporal integration and conditioned reinforcement. Annual Convention of the Association for Behavior Analysis International, Chicago, IL.
7. **Thraillkill, E. A.\* & Shahan, T. A.** (2013, May). Extinction, relapse, and behavioral momentum II: Novel stimuli and spontaneous recovery. Annual Convention of the Association for Behavior Analysis International, Minneapolis, MN.
8. **Thraillkill, E. A.\* & Shahan, T. A.** (2010, May). Resistance to change and relapse of observing. Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.

#### Talks – Regional Conferences

1. **Thraillkill, E. A., DeSarno, M., & Higgins, S. T.** (2023, October). Loss aversion and risk for cigarette smoking and other substance use in women. 10<sup>th</sup> annual Vermont Center on Behavior and Health Conference. Burlington, VT.
2. **Thraillkill, E. A., Thorpe, C.\*\* & Bouton, M. E.** (2023, March). Goal-directed and habitual control in a discriminated heterogeneous instrumental (operant) chain. Annual meeting of the Eastern Psychological Association, Boston, MA.
3. **Thraillkill, E. A.** (2022, March). Loss aversion and risk for cigarette smoking and other substance use. Annual meeting of the Eastern Psychological Association, New York, NY.
4. **Thraillkill, E. A. & Kafka, J.\*\*** (2021, March). Extinction and renewal of discriminated operant behavior in humans. Annual meeting of the Eastern Psychological Association. Online.
5. **Thraillkill, E. A., Thorpe, C. N.\*\* & Bouton, M. E.** (2020, March). Goal-directed and habitual behavior chains in rats and humans. Annual meeting of the Eastern Psychological Association, Boston, MA. Online.
6. **Thomas, C. M.\*, Thraillkill, E. A., Bouton, M. E., & Green, J. T.** (2020, March). Prelimbic cortex inactivation attenuates operant responding in both physical and behavioral contexts. Annual meeting of the Eastern Psychological Association, Boston, MA.
7. **Michaud, N.\*, Thraillkill, E. A., & Bouton, M. E.** (March, 2020). Stimulus salience and reinforcer predictability in the formation of habits. Annual meeting of the Eastern Psychological Association, Boston, MA.
8. **Thraillkill, E. A., & Bouton, M. E.** (2019, March). Discriminative properties of the alternative reinforcer can reduce resurgence in humans. Annual meeting of the Eastern Psychological Association, New York, NY.

9. **Thraikill, E. A.**, & Bouton, M. E. (2019, February). Resurgence of extinguished operant responding in humans depends on lack of generalization from the treatment context. Neuroscience, Behavior, and Health Research Forum, University of Vermont, Burlington, VT.
10. **Thraikill, E. A.**, Ameden, W.\*\*, & Bouton, M. E. (2018, March). Factors that influence the resurgence of an extinguished instrumental response in humans. Annual meeting of the Eastern Psychological Association, Philadelphia, PA.
11. **Thraikill, E. A.** (2017, June). Resurgence in rats and humans: Effects of alternative reinforcer distribution. 6<sup>th</sup> Vermont Summer Summit, University of Vermont, Burlington, VT.
12. **Thraikill, E. A.**, & Bouton, M. E. (2017, March). What is the goal of the procurement response in a behavior chain? Annual meeting of the Eastern Psychological Association, Boston, MA.
13. **Thraikill, E. A.**, & Bouton, M. E. (2017, January). The next response, but not the reinforcer, is the goal of behavior in a chain. Neuroscience, Behavior, and Health Research Forum, University of Vermont, Burlington, VT.
14. **Thraikill, E. A.**, Bergeria, C.\*, Davis, D.\*, & Bouton, M. E. (2016, March). Relapse following the removal of incentives for desired behavior. Annual meeting of the Eastern Psychological Association, New York, NY.
15. Trott, J. M.\*\*, **Thraikill, E. A.**, & Bouton, M. E. (2016, March). Renewal of an extinguished behavior in the context of a preceding response. Annual meeting of the Eastern Psychological Association, New York, NY.
16. **Thraikill, E. A.**, Trott, J. M.\*\*, & Bouton, M. E. (2015, June). Relapse of an extinguished heterogeneous behavior chain. 5<sup>th</sup> Vermont Summer Summit, Dartmouth College, Hanover, NH.
17. **Thraikill, E. A.**, & Bouton, M. E. (2015, March). An associative analysis of behavior chains. Annual meeting of the Eastern Psychological Association, Philadelphia, PA.
18. **Thraikill, E. A.**, & Bouton, M. E. (2014, March). Extinction of instrumental behavior chains. Annual meeting of the Eastern Psychological Association, Boston, MA.
19. **Thraikill, E. A.**, Todd, T. P. & Bouton, M. E. (2014, March). Trial and intertrial durations in appetitive Pavlovian conditioning. Annual meeting of the Eastern Psychological Association, Boston, MA.
20. **Thraikill, E. A.**, & Shahan T. A. (2011, February) Resistance to change and renewal of rats' alcohol self-administration. Annual Intermountain Graduate Research Symposium, Logan, UT.
21. **Thraikill, E. A.**, & Shahan T. A. (2010, February). Reinstatement, renewal, and resurgence of observing: Analogs of relapse of attending. Annual Intermountain Graduate Research Symposium, Logan, UT.

#### **Symposia Chaired**

1. B.F. Skinner Lecture Series: David Jentsch, Ph.D. Annual convention of the Association for Behavior Analysis International, Philadelphia, PA. (May 2024).
2. Richard Solomon Memorial Keynote Address: Bernard Balleine, Ph.D. Annual meeting of the Eastern Psychological Association, Boston, MA. (March 2023)
3. Learning Keynote Address: Michael Fanselow, Ph.D. Annual meeting of the Eastern Psychological Association, Boston, MA. (March 2023)
4. What You See Is Not All There Is. (2022, May). Annual convention of the Association for Behavior Analysis International, Boston MA.
5. Learning Keynote Address: Amy L. Odum, Ph.D. Annual meeting of the Eastern Psychological Association, New York, NY. (March 3-5, 2022)
6. Paper Session 5, Nicotine Reduction. 9th Annual Vermont Center on Behavior and Health Conference, Burlington, VT. (held online October 7-8, 2021)
7. Fred S. Keller Memorial Keynote Address: Warren Bickel, Ph.D. Annual meeting of the Eastern Psychological Association, Philadelphia, PA. (held online March 5-6, 2021)



8. Learning Keynote Address: Yael Niv, Ph.D. Annual meeting of the Eastern Psychological Association, Philadelphia, PA. (held online March 5-6, 2021)
9. Learning Papers I: Habits, Extinction, and Recovery (2020, March). Annual meeting of the Eastern Psychological Association, Boston, MA. (held online June 17-18, 2020)
10. Learning Papers: Enhancing Extinction (2019, March). Annual meeting of the Eastern Psychological Association, New York, NY.
11. Learning Papers: Context, Renewal, and Resurgence. (2018, March). Annual meeting of the Eastern Psychological Association, Philadelphia, PA.
12. Learning II: Outcome Associations. (2015, March). Annual meeting of the Eastern Psychological Association, Philadelphia, PA.
13. Conditioned Reinforcement. (2010, May). Annual convention of the Association for Behavior Analysis International, San Antonio, TX.

#### Posters – International

1. **Thraikill, E. A.**, Khadanga, S. & Tidey, J. W. (2024, March). Influence of experience with 22<sup>nd</sup> century VLN cigarettes on demand for VLN and usual-brand cigarettes. Poster presented at Society for Research on Nicotine and Tobacco, Edinburgh, Scotland.
2. **Thraikill, E. A.**, Thorpe, C. A.\*\*, & Bouton, M. E. (2020, October). Behavior chains reveal associative structure in human instrumental learning. Poster presented at the University of New South Wales Workshop on Expectation, Perception and Cognition. Online.

#### Posters – National

1. Dougherty\*, R. J., **Thraikill, E. A.**, Mohammed\*, Z., VonDoepp\*\*, S., Hilton-VanOsdall\*\*, E., Charette\*\*, S., Van Horn\*\*, S., Quirk\*\*, A., Kraus\*\*, A., & Toufexis, D. J. (2023, November) Acute stress facilitates habitual behavior in female rats. Annual meeting of the Society for Neuroscience, Washington DC
2. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2022, June). Environmental reward availability, loss aversion, and delay discounting: Potential intersecting risk factors for cigarette smoking and other substance use. College on Problems of Drug Dependence, Minneapolis, MN.
3. Thomas, C. M. P.\*, **Thraikill, E. A.**, Bouton, M., & Green, J. T. (2021, October). The role of the prelimbic cortex in renewal of extinguished behavior based on a return to a satiated interoceptive context. Annual meeting of the Society for Neuroscience, Chicago, IL.
4. **Thraikill, E. A.**, & Thorpe, C. A.\*\* (2021, February). Translation of Behavior Chains to Understand Habit Learning. Society for Research on Nicotine and Tobacco (Virtual)
5. **Thraikill, E. A.**, Thorpe, C. A.\*\*, & Bouton, M. E. (2020, June). Behavior Chains Reveal Common Associative Mechanisms Across Rats and Humans. College on Problems of Drug Dependence, Hollywood, FL. (Virtual)
6. Thomas, C. M. P.\*, **Thraikill, E. A.**, Bouton, M., & Green, J. T. (2019, October). Inactivation of the prelimbic cortex attenuates operant responding in both physical and behavioral contexts. Annual meeting of the Society for Neuroscience, Chicago, IL.
7. Bouton, M. E., Allan, S.\*\*, Tavakkoli, A.\*\*, Steinfeld, M.\*, & **Thraikill, E. A.** (2019, October). Separating goal-directed action from habit: Role of the context in which taste aversion learning occurs in creating the reinforcer devaluation effect. Annual meeting of the Society for Neuroscience, Chicago, IL.
8. **Thraikill, E. A.**, Trask, S., & Bouton, M. E. (2017, October). Can discriminated operants become habits? Annual meeting of the Pavlovian Society, Philadelphia, PA.
9. Steinfeld, M.\*, **Thraikill, E. A.**, & Bouton, M. E. (2017, October). Extinction of procurement prevents renewal of consumption when an extinguished consumption response is returned to a heterogeneous chain. Annual meeting of the Pavlovian Society, Philadelphia, PA.

10. **Thraikill, E. A.**, Rojas, G.\*\* & Bouton, M. E. (2016, October). How to Break a Habit. Annual meeting of the Pavlovian Society, Jersey City, NJ.
11. Miles, O. W.\* , **Thraikill, E. A.**, Bouton, M. E., & Hammack, S. E. (2015, October). Intra-BNST PACAP reinstatement to cocaine seeking in rats. Annual meeting of the Society for Neuroscience, Chicago, IL.
12. **Thraikill, E. A.**, & Bouton, M. E. (2014, September). Trial and intertrial durations in appetitive Pavlovian conditioning. Annual meeting of the Pavlovian Society, Seattle, WA.
13. **Thraikill, E. A.\***, & Shahan, T. A. (2013, May). Token reinforcement and resistance to change. Annual meeting of the Society for Quantitative Analysis of Behavior, Minneapolis, MN.
14. **Thraikill, E. A.\***, & Shahan, T. A. (2012, May). Behavioral momentum and disinhibition of extinguished operant responding. Annual meeting of the Society for Quantitative Analysis of Behavior, Seattle, WA.
15. **Thraikill, E. A.\***, Podlesnik, C. A.\* , & Shahan, T. A. (2010, May). Resistance to change of divided attention performance. Annual meeting of the Society for Quantitative Analysis of Behavior, San Antonio, TX.
16. **Thraikill, E. A.\***, Podlesnik, C.A.\* , & Shahan, T.A. (2008, May). Divided attention and the matching law: Compound sample performance is sensitive to variations in relative reinforcement experienced with the elements alone. Annual meeting of the Society for Quantitative Analysis of Behavior, Chicago, IL.
17. **Thraikill, E.\*\*** (2007, May). Preference for free choice and for variable response location: Pigeons want to do it where they want to do it. Annual meeting of the Society for Quantitative Analysis of Behavior, San Diego, CA.

#### **Posters – Regional**

1. Kafka, J.\*\* & **Thraikill, E. A.** (2021, March) Loss and risk aversion in relation to individual differences and range manipulations. Annual meeting of the Eastern Psychological Association. Online.
2. Mackey, S., Pomazi, O.\*\* , Palermo, V.\*\* , Grubinger, N.\*\* , & **Thraikill, E. A.** (2018, March). Stress narrative favors habit-based control of instrumental behavior in humans. Poster presented at the annual Dartmouth Neuroscience Day, Hanover, NH.
3. **Thraikill, E. A.**, Murphy, N. A.\*\* , Bouton, M. E. (2018, March). Does a “salient stimulus” promote habit formation? Poster presented at the annual Dartmouth Neuroscience Day, Hanover, NH.
4. **Thraikill, E. A.**, & Bouton, M. E. (2014, March). Contextual control of actions vs. habits. Annual meeting of the Eastern Psychological Association, Boston, MA.
5. **Thraikill, E.A.\***, & Shahan T.A. (2010, April). Resistance to change of Pigeon sign tracking behavior. Annual meeting of the Four Corners Association for Behavior Analysis, Park City, UT.
6. **Thraikill, E.A.\***, Podlesnik, C.A.\* , & Shahan, T.A. (2009, March). Divided attention and the matching law: Compound sample performance is sensitive to variations in relative reinforcement experienced with the elements alone. Annual Intermountain Graduate Research Symposium, Logan, UT. (*Awarded Best Poster Presentation*)

#### **Posters – Local**

1. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2022, October). Loss aversion and current, former, and never cigarette smoking status. 10<sup>th</sup> annual Vermont Center on Behavior and Health Conference. Online.
2. **Thraikill, E. A.**, DeSarno, M., & Higgins, S. T. (2021, October). Loss aversion and risk for cigarette smoking and substance abuse. 9<sup>th</sup> annual Vermont Center on Behavior and Health Conference, Burlington, VT.

3. Thorpe, C. A.\*\* & **Thraikill, E. A.** (2020, April). Habit formation in behavior chains: A comparative evaluation in humans and rats. University of Vermont, Annual Student Research Conference, Burlington, VT.
4. Michaud, N.\*, Rifkin, M.\*\*, Murphy, N.\*\*, **Thraikill, E. A.**, & Bouton, M. E. (2019, February). Stimulus salience and reinforcer predictability in the formation of habits. Annual meeting of the Vermont Chapter of the Society for Neuroscience, Burlington, VT.
5. Rifkin, M.\*\*, **Thraikill, E. A.**, & Bouton, M. E. (2018, August). Can extensive training produce a habit under stimulus control? Annual meeting of the UVM Neuroscience, Behavior, and Health, Summer Neuroscience Undergraduate Research Fellowship Program, Burlington, VT.
6. **Thraikill, E. A.**, Alcalá, J.\*, Vidal, P.\*, Trask, S., & Bouton, M. E. (2018, January). Can discriminated operants become habits? Annual meeting of the Vermont Chapter of the Society for Neuroscience, Burlington, VT.
7. Stephenson, H.\*\*, Steinfeld, M.\*, **Thraikill, E. A.**, & Bouton, M. E. (2017, August). Role of surprise is reverting habits into goal-directed actions. Annual meeting of the UVM Neuroscience, Behavior, and Health, Summer Neuroscience Undergraduate Research Fellowship Program, Burlington, VT.
8. **Thraikill, E. A.**, Bergeria, C.\*, Davis, D.\*, & Bouton, M. E. (2016, October). Preventing relapse after incentivized choice treatment: A laboratory analysis. 4<sup>th</sup> annual Vermont Center on Behavior and Health Conference, Burlington, VT.
9. **Thraikill, E. A.**, Rojas, G.\*\* & Bouton, M. E. (2016, October). How to Break a Habit. 4<sup>th</sup> annual Vermont Center on Behavior and Health Conference, Burlington, VT.
10. Rojas, G.\*\*, **Thraikill, E. A.**, & Bouton, M. E. (2016, August). How to Break a Habit. Annual meeting of the UVM Neuroscience, Behavior, and Health, Summer Neuroscience Undergraduate Research Fellowship Program, Burlington, VT.
11. Trott, J. M.\*\*, **Thraikill, E. A.**, & Bouton, M. E. (2016, January). Renewal of extinguished behavior in the context of a preceding response. Annual meeting of the Vermont Chapter of the Society for Neuroscience, Burlington, VT.
12. Bergeria, C.\*, Davis, D.\*, **Thraikill, E. A.**, & Bouton, M. E. (2015, October). Relapse after incentivized choice treatment in a new animal model. 3<sup>rd</sup> annual Vermont Center on Behavior and Health Conference, Burlington, VT.
13. **Thraikill, E. A.**, Trott, J. M.\*\*, & Bouton, M. E. (2015, October). Relapse after the extinction of a heterogeneous behavior chain. 3<sup>rd</sup> annual Vermont Center on Behavior and Health Conference, Burlington, VT.
14. Treffals, J.\*\*, Miles, O. W.\*, Schepers, S. T.\*, **Thraikill, E. A.**, Hammack, S. E., Bouton, M. E., & May, V. (2015, August). Neurological and behavioral mechanisms of stress induced drug relapse. Annual meeting of the UVM Neuroscience, Behavior, and Health, Summer Neuroscience Undergraduate Research Fellowship Program, Burlington, VT.
15. **Thraikill, E. A.**, & Bouton, M. E. (2015, January). An associative analysis of instrumental behavior chains. Annual meeting of the Vermont Chapter of the Society for Neuroscience, Burlington, VT.
16. Miles, O. W.\*, **Thraikill, E. A.**, Bouton, M. E., & Hammack, S. E. (2015, January). Intra-BNST PACAP reinstatement to cocaine seeking in rats. Annual meeting of the Vermont Chapter of the Society for Neuroscience, Burlington, VT.
17. Zerr, C. L.\*\*, **Thraikill, E. A.**, Bouton, M. E. (2014, August). Extinction of instrumental chained procurement and consumption behavior is context specific. Annual meeting of the UVM Neuroscience, Behavior, and Health, Summer Neuroscience Undergraduate Research Fellowship Program, Burlington, VT.
18. **Thraikill, E. A.**, & Bouton, M. E. (2014, January). Contextual control of actions vs. habits. Annual meeting of the Vermont Chapter of the Society for Neuroscience, Burlington, VT.

## GRANTS

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### Ongoing Support

#### **P20 GM-103644**

Agency: National Institutes of Health/National Institute on General Medical Sciences  
Vermont Center on Behavior and Health COBRE Project: Loss Aversion and Cigarette Smoking

08/01/21 – 07/31/23

**Role: Project Leader**

Total costs: \$750,000

### Completed Grants

#### **K01 DA-044456**

Agency: National Institutes of Health/National Institute on Drug Abuse  
Title: Training in Translational Methods for Assessing Behavior Change and Relapse Mechanisms

03/01/18 – 02/28/2023

**Role: Principal Investigator (PI)**

Total costs: \$620,000

### Internal Grants

2021 Department of Psychological Science Grant: Feasibility and interest survey for a departmental mobile research laboratory. Total costs: \$500

2020 University of Vermont Fellowships, Opportunities, & Undergraduate Research (FOUR) Award: Mini Grant to support Julian Kafka's Honors Thesis research project titled, "Exploring Differences in Associative Learning and Risk and Loss Aversion Across Individuals and Populations." Total costs: \$400

### Grant Reviewing

2024 Full Reviewer: Trainee-Postdoctoral and Predoctoral (Biological Sciences/Social Sciences) Review Panel. Tobacco-Related Disease Research Program (TRDRP), University of California.

## TEACHING

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### Senior Lecturer, University of Vermont

Current courses:

Spring 2024 Vermont Center on Behavior and Health, T32 Trainee Seminar on Behavioral Pharmacology and Addiction – Instructor

Fall 2023 Vermont Center on Behavior and Health, T32 Trainee Seminar on Behavioral Economics – Instructor

Fall 2022, 2023, 2024 Psychological Science 3100 (210): Learning – Instructor

Spring 2023, 2024 Psychological Science 295: The Nature of Decision Making – Instructor

Spring 2024 Psychological Science 2995: Independent Research – Instructor for Griffin Curtin

Past courses:

Fall 2023 Psychological Science 2995: Independent Research – Instructor for Griffin Curtin

Eric A. Thraikill – Curriculum Vitae

- Neuroscience 2995: Independent Research – Instructor for Charlotte Levy
- Spring 2023 Psychological Science 198: Independent Research – Instructor for Maddie Fishman
- Fall 2022 Psychological Science 395: Advanced Readings/Research – Instructor for Matthew Broomer, MA
- Fall 2022 Psychological Science 198: Independent Research – Instructor for Noah Estle, Camryn Griffin, Lillian Ciccoci, and Emily Ertle
- Spring 2022 Psychological Science 211: Learning – Instructor
- Spring 2021 Psychological Science 198: Independent Research – Instructor for Grace Winick and Margaret Palmiero

**Graduate Instructor, Utah State University**

3 semesters (Spring 2012, Fall 2012, Spring 2013)

Psy 3400: Analysis of Behavior: Advanced – Instructor & Laboratory Instructor

**Graduate Teaching Assistant, Utah State University**

Fall 2011 Psychology 3400: Analysis of Behavior: Advanced – Laboratory Instructor

**Guest Lectures**

- Fall 2021 **University of Vermont**, Psychological Science (PSYS) 111: Learning, Cognition, and Behavior – Loss Aversion
- Spring 2019 **Dartmouth College**, Psychology 22: Learning – Neural Bases of Habits and Goal-directed Actions
- Spring 2016 **Dartmouth College**, Psychology 22: Learning – Contextual Control of Instrumental Actions, Habits, and Extinction
- Fall 2015 **Dartmouth College**, Psychology 88: Independent Library Research – Instrumental Extinction
- Fall 2013 **University of Vermont**, Psychology 205: Learning – Wagner's SOP and AESOP Models of Associative Learning

**Courses Prepared to Teach**

Learning, Comparative Cognition, Decision Making and Behavioral Economics, Research Methods, Special Topics in Online Research

**Training**

- Summer 2021 **Boston University**, NSF Inclusive STEM Teaching Project Certificate ID: [ede5cfce4d6e4e74aba1c36692283bd2](#)
- Fall 2022 Association for Psychological Science, Becoming a Better Teacher: Maximizing Learning and Minimizing Effort

**MENTORSHIP AND COMMITTEE SERVICE**

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Research Mentorship: \*\*\*Undergraduate, \*\*Graduate, \*Postdoctoral

Undergraduate\*\*\* Honors Theses, University of Vermont:

Ian Aulbach (2023-present), Seraphina Fecher (2023- present), Julian Kafka (2019-2021), Katie Thorpe (2019-2020), Wesley Ameden (2017-2018), Jeremy Trott (2015-2016)

NSF Summer Neuroscience Undergraduate\*\*\* Research Fellows, University of Vermont:  
Melissa Rifkin (2018), Henry Stephenson (2017), Gerardo Rojas, (2016), John Teffalls  
(2015), Christopher Zerr (2014)

Research Trainees, University of Vermont:

Joseph Carpenter (Psychology, 2014)\*\*, Emily Aubuchon (Neuroscience, 2015)\*\*\*, Charlotte Robson (Neuroscience, 2015)\*\*\*, Cecilia Bergeria (Psychological Science, 2015)\*\*, Danielle Davis (Psychological Science, 2015)\*\*, Michael Steinfeld (Psychological Science, 2016)\*\*, Lauren Banister (Psychology, 2017)\*\*\*, Catalina Rey (Psychiatry, 2017)\*, José Alcalá (Psychological Science, 2017)\*\*, Paula Balea (Psychological Science, 2018)\*\*, Nick Murphy (Psychological Science, 2018)\*\*\*, Felipe Alfaro (Psychological Science, 2018)\*\*, Katie Thorpe (Neuroscience, 2018)\*\*\*, Nicky Paulson (Psychological Science, 2018)\*\*\*, Wesley Ameden (Psychological Science, 2017)\*\*\*, Julian Kafka (Psychological Science, 2019)\*\*\*, Grace Winick (Psychological Science, 2021)\*\*\*, Maggie Palmiero (Psychological Science, 2021)\*\*\*, Lillian Ciccoci (Neuroscience, 2023)\*\*\*, Emily Ertle (Neuroscience, 2024)\*\*\*, Camryn Griffin, (Psychological Science 2023)\*\*\*, Noah Elste (Psychological Science, 2024)\*\*\*, Seraphina Fecher (Psychological Science, 2024)\*\*\*, Ian Aubach (Nursing and Health Sciences, 2024)\*\*\*, Griffin Curtin (Psychological Science, 2025)\*\*\*, Charlotte Levy (Neuroscience, 2025)\*\*\*, Jacob Kay (Neuroscience, 2026)\*\*, Russell Dougherty (Psychological Science)\*\*.

Research Trainees\*\*\*, Utah State University (Fall 2008-Spring 2013):

Christina Stacey (Psy 4950), Brianna Fernandez (Psy 4950), Jordan Tait (Psy 4950), Andrew Adams (Psy 3400 laboratory volunteer), Jordan Hansen (Psy 4950), McKay Mattingly (Psy 4950), Lance Hinton (Psy 4950), Eric Milman (Psy 3400 teaching laboratory volunteer), Ashley Humphries (Psy 3400 teaching laboratory volunteer), Melissa Ballard (Psy 4950), Eric Richardson (Psy 4950), Bistra Bogoev (Psy 4950)

Laboratory Ambassador, Arizona State University (Summer 2006): Barrett Summer Scholars Program

Ph.D.\*\* Research Rotation Supervisor

2019 Mariana Wingood – UVM, Nursing and Health Sciences

Thesis Supervisor

2024 Noah Matteis – UVM, Pharmacology Masters Program

Member, UVM Neuroscience Graduate Program Faculty, Patrick Leahy Honors College Faculty

Committee service:

Master's\*\* Thesis Committee Member

2024 Carolyn D'Auria – UVM, Psychological Science

2024 Russell Dougherty – UVM, Psychological Science

Ph.D.\*\* Thesis Committee Member

2025 Rhiannon Wiley – UVM, Psychological Science

2024 William Middleton – UVM, Psychological Science

2017 Scott Schepers – UVM, Psychological Science

2023 Member, Graduate Admissions Committee, UVM Neuroscience Graduate Program

## **HONORS AND AWARDS**

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2023 Fellow, Eastern Psychological Association

Eric A. Thraikill – Curriculum Vitae

- 2023 B. F. Skinner Foundation New Researcher Award for contributions to basic behavior analysis, Division 25, American Psychological Association
- 2021 Reviewer Certificate for serving from *Journal of The Experimental Analysis of Behavior* – 6 manuscripts in 2021
- 2021 Reviewer Certificate in recognition of outstanding contribution to the quality of the journal, *Learning & Behavior*
- 2020 National Institute on Drug Abuse Director's Travel Award, College on Problems of Drug Dependence
- 2016 Early Career Award, Society for Experimental Psychology and Cognitive Science, Division 3, American Psychological Association
- 2016 Outstanding Reviewer, Elsevier Journals, *Behavioural Processes*

**Press**

- 2016 *Environment Isn't the Only Kind of Context That Guides Behavior.* (APA, December 8, 2016). <http://www.apa.org/pubs/highlights/peeps/issue-83.aspx>  
Paper selected by Editor to be featured in a weekly highlights column Particularly Exciting Experiments in Psychology (PeePs). PeePs is a free summary of ongoing research trends common to six APA journals that focus on experimental psychology.

**UNIVERSITY SERVICE**

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- 2024 – 2026 Faculty Advisory Board member, University of Vermont Press

**PROFESSIONAL SERVICE**

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**Professional Memberships**

- 2007 – present Association for Behavior Analysis International
- 2007 – present Society for the Quantitative Analysis of Behavior
- 2013 – present Pavlovian Society
- 2013 – present Eastern Psychological Association
- 2016 – present American Psychological Association (Divisions 3, 6, 25, and 28)
- 2018 – present Society for Research on Nicotine and Tobacco
- 2020 – present College on Problems of Drug Dependence (Member, 2023)

**Organizational**

- 2024-2025 President – APA, Division 6 – Society for Behavioral Neuroscience and Comparative Psychology
- from 2024 Board member, Eastern Psychological Association
- from 2023 Program Area Coordinator - Behavioral Pharmacology and Neuroscience (BPN) program, Association for Behavior Analysis International
- from 2023 Awards Committee member, Basic Dissertation Awards Chair – APA, Division 25 – Behavior Analysis
- 2023-2024 Program Chair – APA, Division 6 – Society for Behavioral Neuroscience and Comparative Psychology
- 2020-2023 Program Chair, Learning Area - Eastern Psychological Association

Eric A. Thraill – Curriculum Vitae

2019-2020 Assistant to Learning Program Chair (David Kearns) - Eastern Psychological Association

**Award Reviewer**

2022-2024, Stanley Weiss Award, Eastern Psychological Association

2016, 2017, 2020 SEAB Basic Behavior Analysis Dissertation Award, APA Division 25, Behavior Analysis

**Editorial**

Guest Editor, Special Issue on Goal Direction and Habit in Operant Behavior, *Journal of the Experimental Analysis of Behavior*. Issue published January 2024

**Board of Editors**

from 2021 *Frontiers in Behavioral Neuroscience*

from 2018 *Journal of the Experimental Analysis of Behavior*

**Invited Peer Reviewer** (alphabetical order)

*Behavioural Processes, Behavior Modification, Biological Psychiatry, Experimental and Clinical Psychopharmacology, International Journal of Neuropsychopharmacology, Journal of Behavior Therapy and Experimental Psychiatry, Journal of the Experimental Analysis of Behavior, Journal of Experimental Psychology: Animal Learning and Cognition, Journal of Experimental Psychology: Learning, Memory, and Cognition, Judgement and Decision Making, Learning & Behavior, Learning & Memory, Learning and Motivation, Neurobiology of Learning and Memory, New Ideas in Psychology, Preventive Medicine, Psychological Record, Psychology & Neuroscience, Quarterly Journal of Experimental Psychology*