

Last Updated September 19, 2022

Eric A. Thraikill, Ph.D.

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

EDUCATION AND TRAINING

- 2013 – 2017 **Postdoctoral, Experimental Psychology**
Bouton Laboratory, **University of Vermont**, Department of Psychological Science
National Institute on Drug Abuse (NIDA) R01 (Bouton); Research: Associative
Mechanisms of Learning and Behavior; 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.

ACADEMIC APPOINTMENTS

- from 2021 **Research Assistant Professor**, Department of Psychological Science (primary),
Department of Psychiatry (secondary), University of Vermont
Lecturer, Department of Psychological Science (secondary)
- from 2018 **Research Assistant Professor**, Department of Psychological Science, University of
Vermont

2017-2018 **Research Affiliate**, Department of Psychological Science, University of Vermont

TEACHING EXPERIENCE

Lecturer, University of Vermont

- Spring 2023 Psychological Science (PSYS) 295: Decision Making – Instructor
Fall 2022 PSYS 211: Learning – Instructor
Fall 2022 PSYS 395: Advanced Readings/Research – Instructor for Matthew Broomer, MA
Fall 2022 PSYS 198: Independent Research – Instructor for Noah Estle, Camryn Griffin, Lillian Ciccoci, and Emily Ertle
Spring 2022 PSYS 211: Learning – Instructor
Spring 2021 PSYS 198: Independent Research – Instructor for Grace Winick and Margaret Palmiero

Graduate Instructor, Utah State University

- Spring 2013 Psychology (PSYC) 3400: Analysis of Behavior: Advanced – Instructor & Teaching Laboratory Instructor
Fall 2012 PSYC 3400: Analysis of Behavior: Advanced – Instructor & Teaching Laboratory Instructor
Spring 2012 PSYC 3400: Analysis of Behavior: Advanced – Instructor & Teaching Laboratory Instructor

Graduate Teaching Assistant, Utah State University

- Fall 2011 PSYC 3400: Analysis of Behavior: Advanced – Teaching Laboratory Instructor

Guest Lectures

- Fall 2021 **University of Vermont**, PSYS 111: Learning, Cognition, and Behavior – Loss Aversion and Health Behavior
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 Psychology, Decision Making and Behavioral Economics, Research Methods, Special Topics: Online Research

Training in Inclusive Teaching

Summer 2021 **Boston University**, NSF Inclusive STEM Teaching Project Certificate ID: [ede5cfce4d6e4e74aba1c36692283bd2](#)

MENTORSHIP AND COMMITTEE SERVICE

Research Mentorship

***Undergraduate, **Graduate, *Postdoctoral, **Current**

Honors Theses***, University of Vermont:

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 Alcala (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 Estle** (Psychological Science, 2025)***

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. Thesis Committee Member

2017 Scott Schepers – UVM, Psychological Science

Ph.D. Research Rotation Supervisor

2019 Mariana Wingood – UVM, Nursing and Health Sciences

GRANTS

Current Support

K01 DA044456

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

P20 GM103644

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

Under Revision

R01 CA274530

Agency: National Institutes of Health/National Cancer Institute

Title: Testing the Causal Role of Loss Aversion in Cigarette Smoking and Other Substance Use

07/01/2022 – 06/30/2027

Role: PI

Total costs: \$1,980,000

Internal Funding

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

PEER REVIEWED PUBLICATIONS

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

(Listed in reverse chronological order)

Collaborators: *graduate student ** undergraduate student

1. **Thraillkill, 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*, In press.
2. **Thraillkill, 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.
3. **Thraillkill, 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.
4. Bouton, M. E., Allen, S. M.**, Tavakkoli, A.**, Steinfeld, M. R.*, & **Thraillkill, 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.
5. **Thraillkill, 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.

6. Bouton, M. E., **Thraillkill, 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.
7. **Thraillkill, 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.
8. Thomas, C. M.*, **Thraillkill, 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.
9. Bouton, M. E., Broomer, M., Rey, C. N.*, & **Thraillkill, E. A.** (2020). Unexpected food outcomes can return a habit to goal-directed action. *Neurobiology of Learning and Memory*, *169*, 107163.
10. Rey, C. N., **Thraillkill, 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.
11. Steinfeld, M.*, Alcalá, J. A.*, **Thraillkill, 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.
12. **Thraillkill, 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.
13. **Thraillkill, 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.
14. **Thraillkill, 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.
15. **Thraillkill, E. A.**, Kimball, R.*, Craig, A. R., Podlesnik, C. A., & Kelley, M. E. (2018). Basic and translational evaluation of spontaneous recovery of operant responding. *Journal of the Experimental Analysis of Behavior*, *109*, 238-252.
16. Miles, O. W.*, **Thraillkill, 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.
17. **Thraillkill, E. A.**, & Bouton, M. E. (2017). Factors that influence the persistence and relapse of discriminated behavior chains. *Behavioural Processes*, *141*, 3-10.
18. Bouton, M. E., **Thraillkill, E. A.**, Bergeria, C.*, & Davis, D.* (2017). Preventing relapse after incentivized choice treatment: A laboratory model. *Behavioural Processes*. *141*, 11-18.
19. Trask, S.*, **Thraillkill, 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.
20. Todd, T. P., & **Thraillkill, 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.

21. **Thrailkill, 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.
22. **Thrailkill, 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.
23. **Thrailkill, E. A.**, & Bouton, M. E. (2016). Extinction and the associative structure of heterogeneous instrumental chains. *Neurobiology of Learning and Memory*, *133*, 61-68.
24. **Thrailkill, 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.
25. **Thrailkill, E. A.**, & Bouton, M. E. (2016). Extinction of chained instrumental behaviors: Effects of consumption extinction on procurement responding. *Learning & Behavior*, *44*, 85-96.
26. **Thrailkill, 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.
27. **Thrailkill, E. A.**, & Bouton, M. E. (2015). Contextual control of instrumental actions and habits. *Journal of Experimental Psychology: Animal Learning and Cognition*, *41*, 69-80.
28. **Thrailkill, 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.
29. **Thrailkill, E. A.***, & Shahan T. A. (2014). Temporal integration and instrumental conditioned reinforcement. *Learning & Behavior*, *42*, 201-208.
30. **Thrailkill, E. A.***, & Shahan T. A. (2012). Resistance to change and relapse of observing. *Journal of the Experimental Analysis of Behavior*, *97*, 279-302.
31. Podlesnik*, C. A., **Thrailkill, E. A.***, & Shahan, T. A. (2012). Differential reinforcement and resistance to change of divided attention performance. *Learning & Behavior*, *40*, 158-169.
32. Podlesnik*, C. A., Jimenez-Gomez*, C., **Thrailkill, E. A.***, & Shahan, T. A. (2011). Temporal context, preference, and resistance to change. *Journal of the Experimental Analysis of Behavior*, *96*, 191-213.
33. Barker**, D. J., Sanabria, F., Lasswell**, A., **Thrailkill, 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.
34. Sanabria, F., **Thrailkill, E. A.****, & Killeen, P. R. (2009). Timing with opportunity cost: Concurrent schedules improve peak timing. *Learning & Behavior*, *37*, 217-229.
35. Sanabria, F., & **Thrailkill, E.**** (2009). Pigeons (*Columba livia*) approach Nash Equilibrium in Experimental Matching Pennies Competitions. *Journal of the Experimental Analysis of Behavior*, *91*, 169-183.
36. Killeen, P. R., Posadas-Sanchez*, D., Johansen, E. B. & **Thrailkill, E. A.**** (2009). Progressive ratio schedules of reinforcement. *Journal of Experimental Psychology: Animal Behavior Processes*, *35*, 35-50.

PRESENTATIONS (Last 5 years)

Talks – Invited

1. **Thraillkill, E. A.** (2022, July). A case study of reproducible addiction science online. BeOnline Conference on Online Behavioral Research. Online.
2. **Thraillkill, 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.
3. **Thraillkill, E. A.** (2021, May). Persistence and relapse of operant behavior: An overview and some data. Discussant, Association for Behavior Analysis International Convention. Online.
4. **Thraillkill, 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.
5. **Thraillkill, E. A.** (2019, September). Product diversity and harm reduction, Vermont Center on Behavior and Health, Tobacco Regulatory Science Seminar. Burlington, VT.
6. **Thraillkill, 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.
7. **Thraillkill, 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.
8. **Thraillkill, E. A.** (2018, May). Associative analysis of behavior chains. Systems and Behavioral Neuroscience Seminar, Department of Psychological and Brain Sciences Dartmouth College, Hanover, NH.

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.

Talks – National Conferences

1. **Thraillkill, E. A.** (2022, May). Successive incentive contrast influences loss aversion. Annual convention of the Association for Behavior Analysis International, Boston, MA.
2. **Thraillkill, E. A.** (2021, August). Reinforcer predictability and the contextual control of discriminated operant extinction. American Psychological Association Convention. Online.
3. **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.

Talks – Regional Conferences

1. **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.
2. **Thraillkill, E. A. & Kafka, J.**** (2021, March). Extinction and renewal of discriminated operant behavior in humans. Annual meeting of the Eastern Psychological Association. Online.

3. **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.
4. 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.
5. 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.
6. **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.
7. **Thraillkill, 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.
8. **Thraillkill, 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.
9. **Thraillkill, E. A.** (2017, June). Resurgence in rats and humans: Effects of alternative reinforcer distribution. 6th Vermont Summer Summit, University of Vermont, Burlington, VT.
10. **Thraillkill, 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.
11. **Thraillkill, 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.

Symposia Chaired

What You See Is Not All There Is. (2022, May). Annual convention of the Association for Behavior Analysis International, Boston MA.

Learning Keynote Address: Amy L. Odum, Ph.D. Annual meeting of the Eastern Psychological Association, New York, NY. (March 3-5, 2022)

Paper Session 5, Nicotine Reduction. 9th Annual Vermont Center on Behavior and Health Conference, Burlington, VT. (held online October 7-8, 2021)

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)

Learning Keynote Address: Yael Niv, Ph.D. Annual meeting of the Eastern Psychological Association, Philadelphia, PA. (held online March 5-6, 2021)

Learning Papers I: Habits, Extinction, and Recovery (2020, March). Annual meeting of the Eastern Psychological Association, Boston, MA. (held online June 17-18, 2020)

Learning Papers: Enhancing Extinction (2019, March). Annual meeting of the Eastern Psychological Association, New York, NY.

Learning Papers: Context, Renewal, and Resurgence. (2018, March). Annual meeting of the Eastern Psychological Association, Philadelphia, PA.

Posters – International

1. **Thrailkill, 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. **Thrailkill, 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.
2. Thomas, C. M. P.*, **Thrailkill, 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.
3. **Thrailkill, E. A.**, & Thorpe, C. A.** (2021, February). Translation of Behavior Chains to Understand Habit Learning. Society for Research on Nicotine and Tobacco (Virtual)
4. **Thrailkill, 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)
5. Thomas, C. M. P.*, **Thrailkill, 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.
6. Bouton, M. E., Allan, S.**, Tavakkoli, A.**, Steinfeld, M.*, & **Thrailkill, 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.
7. **Thrailkill, E. A.**, Trask, S., & Bouton, M. E. (2017, October). Can discriminated operants become habits? Annual meeting of the Pavlovian Society, Philadelphia, PA.
8. Steinfeld, M*., **Thrailkill, 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.

Posters – Regional

1. Kafka, J.** & **Thrailkill, 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.**, & **Thrailkill, 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. **Thrailkill, 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.

Posters – Local

1. **Thrailkill, E. A.**, DeSarno, M., & Higgins, S. T. (2022, October). Loss aversion and current, former, and never cigarette smoking status. 10th 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. 9th 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.

HONORS

- | | |
|------|---|
| 2021 | Reviewer Certificate for serving as reviewer for <i>Journal of The Experimental Analysis of Behavior</i> – 6 manuscripts in 2021. |
| 2021 | Reviewer Certificate in recognition of outstanding contribution to the quality of the journal, <i>Learning & Behavior</i> |
| 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, American Psychological Association, Division 3 |
| 2016 | Outstanding Reviewer, Elsevier Journals, <i>Behavioural Processes</i> |
| 2009 | Best Graduate Student Poster, Intermountain Graduate Research Symposium, Logan, UT |

Press

- | | |
|------|---|
| 2016 | 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. |
|------|---|

Environment Isn't the Only Kind of Context That Guides Behavior. (APA, December 8, 2016). <http://www.apa.org/pubs/highlights/peeeps/issue-83.aspx>

PROFESSIONAL EXPERIENCE

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

Outreach

from 2018 Twitter account **@EricThrailkill** posts links to freely accessible articles from the fields of learning, behavior analysis, and decision making.

Organizational

from 2022 Program Co-Chair – APA Division 6 – Behavioral Neuroscience and Comparative Psychology
from 2020 Program Chair for Learning Area - Eastern Psychological Association
2019-2020 Assistant to Program Chair (David Kearns) for Learning Area - Eastern Psychological Association

Award Reviewer

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

Guest Editor

Special Issue on Goal Direction and Habit in Operant Behavior, *Journal of the Experimental Analysis of Behavior* to be published Fall 2023

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, 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, Learning & Behavior, Learning & Memory, Learning and Motivation, Neurobiology of Learning and Memory, New Ideas in Psychology, Psychological Record, Psychology & Neuroscience, Quarterly Journal of Experimental Psychology