

Kaitlyn O. Browning, Ph.D.

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Burlington, VT 05401
kaitlyn.browning@uvm.edu

EDUCATION

- 2020 **Ph.D., Psychology**
Department of Psychology
Utah State University
- 2012 **B.A., Psychology**
Department of Psychology
California State University, Long Beach

RESEARCH

- 2020-Present Postdoctoral Research Fellow
Vermont Center on Behavior and Health
University of Vermont
Advisor: Stephen Higgins, Ph.D.
Grant work:
- P20GM10364-09: Centers of Biomedical Research Excellence
 - Funded Pilot Project – Smartphone-based Financial Incentives to Promote Smoking Cessation Among Alaska Native Pregnant Women: A Randomized Controlled Trial
 - 5U54DA036114-09: Tobacco Centers of Regulatory Science
 - Funded Rapid Response Project – An Evaluation of Electronic Nicotine Delivery Systems and Heat-Not-Burn Tobacco Products on Demand for Combustible Cigarettes in the Experimental Tobacco Marketplace
- 2014-2020 Graduate Research Assistant
Department of Psychology
Utah State University
Advisor: Timothy Shahan, Ph.D.
Grant work:
- 1R01HD093734-01: Basic and Clinical Studies in Reinforcing Positive Behaviors in Intellectual and Developmental Disabilities
 - 1R21AA025604-01A1: Alcohol Seeking and Resurgence Following Escalating Negative Consequences
 - R21DA038950: Resurgence of Punishment-Suppressed Cocaine Seeking
 - 1R21DA037725-01: Theory of Resurgence of Cocaine Seeking
- 2012-2014 Post-Baccalaureate Research Assistant
Department of Psychology
University of California, Los Angeles
Advisor: Aaron Blaisdell, Ph.D.

2011-2012 Undergraduate Research Assistant
Departments of Psychology and Physical Therapy
California State University, Long Beach
Advisors: Young-Hee Cho, Ph.D. & Olfat Mohamed, Ph.D., P.T.

PEER-REVIEWED PUBLICATIONS

- Browning, K. O.** Sutton, G. M., Nist, A. N., & Shahan, T. A. (2022). The effects of large, small, and thinning magnitudes of alternative reinforcement on resurgence. *Behavioural Processes*.
- Browning, K. O.** & Shahan, T. A. (2021). Examination of alternative-response discrimination training and resurgence in rats. *Learning & Behavior*. 49, 379–396.
- Sutton, G. M., Nist, A. N., Nall, R. W., **Browning, K. O.**, & Shahan, T. A. (2021). Resurgence of alcohol seeking following abstinence induced by punishment in male and female rats. *Behavioural Brain Research*, 410, 113345.
- Shahan, T. A, **Browning, K. O.**, Nist, A. N., & Sutton, G. M. (2020). Resurgence and downshifts in alternative reinforcement rates. *Journal of the experimental analysis of behavior*. 114(2), 163-178.
- Shahan, T. A., **Browning, K. O.**, & Nall, R. W. (2020). Resurgence as choice in context: Treatment duration and on/off alternative reinforcement. *Journal of the Experimental Analysis of Behavior*, 113(1), 57-76.
- Craig, A. R., Sullivan, W. E., **Browning, K. O.**, DeRosa, N. M., & Roane, H. S. (2020). Re-exposure to reinforcement in context A during treatment in context B reduces ABC renewal. *Journal of the Experimental Analysis of Behavior*, 113(1), 141-152.
- Browning, K. O.** & Shahan, T.A. (2018) Renewal of extinguished operant behavior following changes in social context. *Journal of the Experimental Analysis of Behavior*, 110(3), 430-439.
- Nall, R. W., Craig, A. R., **Browning, K. O.**, & Shahan, T. A. (2018). Longer treatment with alternative non-drug reinforcement fails to reduce resurgence of cocaine or alcohol seeking in rats. *Behavioural Brain Research*, 341, 54-62.
- Craig, A. R., **Browning, K. O.**, & Shahan, T. A. (2017) Stimuli previously associated with reinforcement mitigate resurgence. *Journal of the Experimental Analysis of Behavior*, 108(2), 139-150.
- Craig, A. R., **Browning, K. O.**, Nall, R. W., Marshall, C. A., & Shahan, T. A. (2017). Resurgence and alternative-reinforcer magnitude. *Journal of the Experimental Analysis of Behavior*. 107(2), 218-233.

CONFERENCE PRESENTATIONS

- Browning, K. O.** & Shahan, T. A., (2021, May). Examination of Alternative-Response Discrimination Training on Resurgence in Rats. In C Ritchey (chair), *Basic and Translational Research on Renewal, Resurgence, and Reinstatement*. Symposium presentation at the 47th annual meeting of the Association for Behavior Analysis, International, virtual.

- Sutton, G. M., Nist, A. N., Nall, R. W., **Browning, K. O.**, & Shahan, T. A. (2021, May). Resurgence of Punishment-Suppressed Alcohol Seeking in Rats. In M Kranak (Chair), Recent Research on Renewal and Resurgence: Bridging the Gap Between Basic and Applied Research. Symposium presentation at the 47th annual meeting of the Association for Behavior Analysis, International, virtual.
- Sullivan, W., Craig, A. R., **Browning, K. O.**, DeRosa, N., Baxter, E. L., & Roane, H. S. (2021, May). Context-Discrimination Training During Treatment May Reduce ABC Renewal. In M Keevy (Chair), Extending the Renewal Literature Through Basic and Translational Research. Symposium presentation at the 47th annual meeting of the Association for Behavior Analysis, International, virtual.
- Browning, K. O.**, DeSarno, M. J., Davis, D. R., Streck, J. M., Bergeria, C. L., Harfmann, R. F., Parker, M. A., Heil, S. H., Sigmon, S. C., Gaalema, D. E., Tidey, J. W., Lee, D. C., Hughes, J. R., Tetreault, H. J., Markesich, C., & Higgins, S. T. (2021, June). The Relation Between the Brief Wisconsin Inventory of Smoking Dependence Motives, Individual Differences in Nicotine Consumption, and the Relative Reinforcing Value of Cigarettes in Vulnerable Populations of Smokers. Poster presentation at the College on Problems of Drug Dependence annual meeting, virtual.
- Browning, K. O.**, DeSarno, M. J., Davis, D. R., Streck, J. M., Bergeria, C. L., Harfmann, R. F., Parker, M. A., Heil, S. H., Sigmon, S. C., Gaalema, D. E., Tidey, J. W., Lee, D. C., Hughes, J. R., Tetreault, H. J., Markesich, C., & Higgins, S. T. (2020, Oct). Relations between Individual Differences in Primary and Secondary Dependence Motives and Underpinning Motivational and Pharmacological Processes in Vulnerable Populations of Smokers. Poster presentation at the Fall Tobacco Centers of Regulatory Science Grantee Meeting, virtual.
- Browning, K. O.**, Nall, R. W., & Shahan, T. A., (2019, May). Treatment duration and resurgence. In A. Fuhrman (chair), Recent Basic and Translational Research Evaluating the Effects of Baseline and Treatment Duration on Resurgence. Symposium presentation at the 45th annual meeting of the Association for Behavior Analysis, International, Chicago, IL.
- Browning, K. O.** & Shahan, T. A. (2018, May). Social stimuli and relapse of operant behavior in rats. In T. Hackenberg (chair), Cooperation, Altruism, and Social Reinforcement: Current Trends in the Experimental Analysis of Social Behavior. Symposium presentation at the 44th annual meeting of the Association for Behavior Analysis, International, San Diego, CA.
- Browning, K. O.**, & Shahan, T. A. (2017, May). ABA renewal using social contextual stimuli. Poster presentation at the 40th annual meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.
- Craig, A. R., **Browning, K. O.**, & Shahan, T. A. (2017, May). Delivery of Conditioned Reinforcers Suppresses Resurgence. Poster presentation at the 40th annual meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.
- Nall, R. W., Craig, A. R., & **Browning, K. O.**, & Shahan, T. A. (2017, May). Effects of treatment duration on resurgence of cocaine seeking. Poster presentation at the 40th annual meeting of the Society for the Quantitative Analysis of Behavior, Denver, CO.
- Browning, K. O.**, Craig, A. R., & Shahan, T. A. (2016, May). Alternative-reinforcer magnitude effects on response suppression and resurgence. In C. St. Peter (chair), Resurgence and Relapse: From Bench to

Bedside. Symposium presentation at the 42nd annual meeting of the Association for Behavior Analysis, International, Chicago, IL.

House*, K. O., Craig, A. R., Cunningham, P. J., & Shahan, T. A. (2015, May). Difference in resistance to extinction between single and multiple schedules may be related to testing conditions. Poster presented at the 38th annual meeting of the Society for the Quantitative Analysis of Behavior, San Antonio, TX.

Cho, Y.-H., White, B., **House***, K. O., Mohamed, O., & Singh-Carlson, S. (2012). Effect of fall-prevention program on subjective health and life expectancy among older adults. Poster presented at the 65th annual meeting of the Gerontology Society of America, San Diego, CA.

*Last name changed from House to Browning in 2016

TEACHING

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| 2017-2020 | Graduate Student Instructor <ul style="list-style-type: none">• Analysis of Behavior: Basic Principles and Lab• Advanced Behavior Analysis Department of Psychology Utah State University |
| 2014-2015 | Graduate Teaching Assistant <ul style="list-style-type: none">• Analysis of Behavior: Basic Principles (Online) Department of Psychology Utah State University |
| 2011-2012 | Undergraduate Teaching Assistant <ul style="list-style-type: none">• General Psychology• Abnormal Psychology Department of Psychology California State University, Long Beach |

AWARDS & HONORS

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| 2017 | Graduate Research and Creative Opportunities Grant Title: Examining the role of response-noncontingent reinforcement in mitigating resurgence Advisor: Timothy Shahan, Ph.D. Amount awarded: \$1000 Utah State University |
| 2017 | Ray Alvord Scholarship Amount awarded: \$500 Utah State University |

PROFESSIONAL SERVICE

2015 – Present

Ad Hoc Reviewer:

- *Behavioral Development*
- *Journal of Applied Behavior Analysis*
- *Journal of the Experimental Analysis of Behavior*
- *Learning and Motivation*
- *The Psychological Record*
- *Perspectives on Behavior Science*

2021 – Present

Abstract Reviewer:

- APA 2021 Annual Conference – Division 28
- APA 2022 Annual Conference – Division 28
- SRNT 2022 Annual Conference

2017 – 2018

Graduate Student Representative
Behavior Analysis Ph.D. Program
Utah State University