

CURRICULUM VITAE

ELIZABETH R. ASTON

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CURRICULUM VITAE

ELIZABETH R. ASTON

PERSONAL INFORMATION

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EDUCATION

2007 Bachelor of Arts: Behavioral Neuroscience, Minor: Art History; Purdue University
2012 Doctor of Philosophy: Neuroscience; Wake Forest School of Medicine
2012-2013 Postdoctoral Position: NIAAA, Department of Physiology and Pharmacology, Wake
Forest School of Medicine
2013-2015 Postdoctoral Research Fellow: NIAAA T32AA07459, Center for Alcohol and
Addiction Studies, Department of Behavioral and Social Sciences, Brown University
School of Public Health

ACADEMIC APPOINTMENTS

2015-2023 Assistant Professor, Department of Behavioral and Social Sciences, Brown
University School of Public Health
2023- Associate Professor, Department of Behavioral and Social Sciences, Brown
University School of Public Health

HONORS AND AWARDS

2011 NIAAA T32 Director's Meeting and Trainee Workshop Travel Award, Brown
University, Center for Alcohol and Addiction Studies
2011 American Psychological Association Dissertation Research Award, Science
Directorate of the American Psychological Association
2012 Wake Forest University Graduate School Annual Graduate Student and Postdoctoral
Research Day Poster Award, Social Sciences Runner-Up
2013 David K. Sundberg Award for Outstanding Students, Wake Forest School of
Medicine, Department of Physiology and Pharmacology
2014 Senior Fellow, Brown University School of Public Health, Center for Alcohol and
Addiction Studies
2015 Sharon Chauncey Fellowship Award, Brown University School of Public Health,
Center for Alcohol and Addiction Studies
2018 Alcohol Medical Scholars Program Scholarship [Marc Schuckit, MD], Junior Scholar
2019 Alcohol Medical Scholars Program Scholarship [Marc Schuckit, MD], Senior Scholar

MEMBERSHIP IN SOCIETIES

2009-2012 Western North Carolina Society for Neuroscience
2010- Research Society on Alcoholism
2010- American Psychological Association

2013- Division 50: Society of Addiction Psychology
 College on Problems of Drug Dependence
 2021- Research Society on Marijuana
 2021-2023 Association for Behavior Analysis International

DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

2011-2013 Brain Awareness Council, Wake Forest School of Medicine, *Committee Coordinator*
 2014-2024 Center for Alcohol and Addiction Studies Rounds Committee, Brown University School of Public Health, *Committee Member*
 2014-2015 Alcohol Research Center on HIV Training Workshop Committee, Brown University School of Public Health, *Committee Member*
 2015- NIAAA T32 Postdoctoral Training Program for Alcohol Early Intervention and Treatment Research, Center for Alcohol and Addiction Studies, Brown University School of Public Health, *Training Faculty*
 2016-2019 Center for Alcohol and Addiction Studies Postdoctoral Writing Group, Brown University School of Public Health, *Committee Coordinator*
 2018- Data and Safety Monitoring Board, Computer-Assisted Brief Intervention Protocol for Marijuana Using Juvenile Offenders (R34DA042247; MPI: Spirito, Hernandez)
 2019-2023 T32 Training and Admissions Committee, Center for Alcohol and Addiction Studies, Brown University School of Public Health, *Committee Member*
 2020, 2022 Salomon Award Grant Review, Office of the Vice President for Research, Brown University, *Grant Reviewer*
 2025- Center for Alcohol and Addiction Studies Directors Committee, Center for Alcohol and Addiction Studies, Brown University School of Public Health, *Committee Member*

NATIONAL OR INTERNATIONAL SERVICE

Grant Application Review Boards

2019 Rehabilitation Research and Development Service (RRD4), Scientific Merit Review Board, *ad hoc Grant Reviewer*
 2019 Centers for Disease Control and Prevention Special Emphasis Panel, Scientific Merit Review Board, *ad hoc Grant Reviewer*
 2022 National Center for Complementary and Integrative Health Natural Product Early Phase Clinical Trial Award Special Emphasis Panel, Scientific Merit Review Board, *ad hoc Grant Reviewer*
 2024 National Institute on Drug Abuse Racial Equity Initiative Special Emphasis Panel, Scientific Merit Review Board, *ad hoc Grant Reviewer*

Editorial Responsibilities

2020- Editorial Board Member, *Psychology of Addictive Behaviors*
 2020 *Top Reviewer*
 2021- Editorial Board Member, *Experimental and Clinical Psychopharmacology*
 2023- Associate Editor, *Addiction*
 2024- Section Editor: Cannabis, *Current Addiction Reports*

Journal Manuscript Reviewer

Addiction, Addictive Behaviors, Alcohol and Alcoholism, The American Journal of Drug and Alcohol Abuse, The American Journal on Addictions, Assessment, Behavioural Processes, Canadian Journal of Addiction, Canadian Journal of Public Health, Cannabis, Cannabis and Cannabinoid Research, Complementary Therapies in Clinical Practice, Current Addiction Reports, Drug and Alcohol Dependence, Drug and Alcohol Review, Health Psychology, Journal of Addiction Research and Therapy, Journal of Cannabis Research, Journal of Consulting and Clinical Psychology, Journal of the Experimental Analysis of Behavior, Journal of Research in Personality, Journal of Safety Research, The Journal of Sex Research, Journal of Studies on Alcohol and Drugs, Nicotine & Tobacco Research, PLOS ONE, Preventive Medicine, Substance Abuse, Substance Abuse: Research and Treatment, Substance Use and Misuse, Translational Issues in Psychological Science

Other Reviewer and Service Roles

2016-2021 Collaborative Perspectives on Addiction, *Program Committee Member*
 2018-2019 Research Society on Alcoholism, *Program Committee Member*
 2018-2019 American Psychological Association Division 50 Student Research Grant Program, *Grant Reviewer*
 2018-2019 Collaborative Perspectives on Addiction, *Travel Award Selection Coordinator*
 2019 Society for Research on Nicotine and Tobacco, *Abstract Reviewer*
 2019-2021 Collaborative Perspectives on Addiction, *Program Co-Chair*

PUBLICATIONS IN PEER-REVIEWED JOURNALS

*mentee

†authors contributed equally to this work for joint first-authorship

1. Shannon, E. E., **Staniforth, E. R.**, McNamara, J., Bernosky-Smith, K. A., & Liguori, A. (2011). Response inhibition impairments predict alcohol-induced sedation. *Alcohol and Alcoholism*, 46(1), 33-38.
2. Bernosky-Smith, K. A., **Aston, E. R.**, & Liguori, A. (2012). Rapid drinking is associated with increases in driving-related risk-taking. *Human Psychopharmacology: Clinical and Experimental*, 27(6), 622-625.
3. **Aston, E. R.** & Liguori, A. (2013). Self-estimation of blood alcohol concentration: A review. *Addictive Behaviors*, 38(4), 1944-1951.
4. **Aston, E. R.**, Neiberg, R. H., & Liguori, A. (2013). Breath alcohol estimation training: Behavioral effects and predictors of success. *Alcohol and Alcoholism*, 48(4), 396-401.
5. **Aston, E. R.**, Shannon, E. E., & Liguori, A. (2014). Anxiety, sedation, and simulated driving in binge drinkers. *Psychology of Addictive Behaviors*, 28(2), 359-366.
6. Swift, R. M. & **Aston, E. R.** (2015). Pharmacotherapy for alcohol use disorder: Current and emerging therapies. *Harvard Review of Psychiatry*, 23(2), 122-133. Metrik, J.,
7. **Aston, E. R.**, Metrik, J., & MacKillop, J. (2015). Further validation of a marijuana purchase task. *Drug and Alcohol Dependence*, 152, 32-38.
8. Metrik, J., **Aston, E. R.**, Kahler, C. W., Rohsenow, D. J., McGeary, J. E., & Knopik, V.

- (2015). Marijuana's acute effects on cognitive bias for affective and marijuana cues. *Experimental and Clinical Psychopharmacology*, 23(5), 339-350.
9. **Aston, E. R.**, Merrill, J. E., McCarthy, D., & Metrik, J. (2016). Risk factors for driving after and during marijuana use. *Journal of Studies on Alcohol and Drugs*, 77(2), 309-316.
 10. Metrik, J., **Aston, E. R.**, Kahler, C. W., Rohsenow, D. J., McGeary, J., Knopik, V., & MacKillop, J. (2016). Cue-elicited increases in incentive salience for marijuana: craving, demand, and attentional bias. *Drug and Alcohol Dependence*, 167, 82-88.
 11. **Aston, E. R.**, Metrik, J., Amlung, M., Kahler, C. W., & MacKillop, J. (2016). Interrelationships between marijuana demand and discounting of delayed rewards: Methodological convergence in behavioral economic analysis. *Drug and Alcohol Dependence*, 169, 141-147.
 12. Farris, S. G., **Aston, E. R.**, Zvolensky, M. J., Abrantes, A. M. & Metrik, J. (2017). Psychopathology and tobacco demand. *Drug and Alcohol Dependence*, 177, 59–66.
 13. Metrik, J., Farris, S. G., **Aston, E. R.**, & Kahler, C. W. (2017). Development and initial validation of a marijuana cessation expectancy questionnaire. *Drug and Alcohol Dependence*, 177, 163-170.
 14. **Aston, E. R.**, Farris, S. G., MacKillop, J., & Metrik, J. (2017). Latent factor structure of a behavioral economic marijuana demand curve. *Psychopharmacology*, 234(16), 2421-2429.
 15. Yurasek, A. M., **Aston, E. R.**, & Metrik, J. (2017). Co-use of alcohol and cannabis: A review. *Current Addiction Reports*, 4(2), 184-193.
 16. Farris, S. G., **Aston, E. R.**, Abrantes, A. M., & Zvolensky, M. J. (2017). Tobacco demand, delay discounting, and smoking topography among smokers with and without psychopathology. *Drug and Alcohol Dependence*, 179, 247-253.
 17. Metrik, J., Bassett, S., **Aston, E. R.**, Jackson, K., & Borsari, B. (2018). Medicinal versus recreational cannabis use among returning veterans. *Translational Issues in Psychological Science*, 4(1), 6-20.
 18. Morris, V., Patel, H., Vedelago, L., Reed, D. D., Metrik, J., **Aston, E. R.**, MacKillop, J., & Amlung, M. (2018). Elevated behavioral economic demand for alcohol in co-users of alcohol and cannabis. *Journal of Studies on Alcohol and Drugs*, 79(6), 929-934.
 19. Claborn, K. R., **Aston, E. R.**, Champion, J. & Guthrie, K. (2018). Prescribing opioids as an incentive to retain patients in medical care: A qualitative investigation into clinician awareness and perceptions. *The Journal of the Association of Nurses in AIDS Care*, 29(5), 642-654.
 20. Lawn, W., Freeman, T. P., East, K., Gaule, A., **Aston, E. R.**, Bloomfield, M. A. P., Das, R. K., Morgan, C. J. A., H., & Curran, H. V. (2018). The acute effects of a dopamine D3 receptor preferring agonist on motivation for cigarettes in dependent and occasional cigarette smokers. *Nicotine & Tobacco Research*, 20(7), 800-809.

21. Amlung, M., Reed, D. D., Morris, V., **Aston, E. R.**, Metrik, J., & MacKillop, J. (2019). Price elasticity of illegal versus legal cannabis: a behavioral economic substitutability analysis. *Addiction*, *114*(1), 112-118.
22. Farris, S. G., **Aston, E. R.**, Leyro, T. M., Brown, L. A., & Zvolensky, M. J. (2019). Distress intolerance and smoking topography in the context of a biological challenge. *Nicotine & Tobacco Research*, *21*(5), 568-575.
23. **Aston, E. R.**, Farris, S. G., Metrik, J., & Rosen, R. K. (2019). Vaporization of marijuana among recreational users: A qualitative study. *Journal of Studies on Alcohol and Drugs*, *80*(1), 56-62.
24. **Aston, E.R.**, & Cassidy, R.N. (2019). Behavioral economic demand assessments in the addictions. *Current Opinion in Psychology*, *30*, 42-47.
25. **Aston, E. R.**, Scott, B., & Farris, S. G. (2019). A qualitative analysis of cannabis vaporization among medical users. *Experimental and Clinical Psychopharmacology*, *27*(4), 301-308.
26. *Mercurio, A., **Aston, E. R.**, Claborn, K. R., Waye, K., & Rosen, R. K. (2019). Marijuana as a substitute for prescription medications: A qualitative study. *Substance Use and Misuse*, *54*(11), 1894-1902.
27. Cassidy, R.N., **Aston, E.R.**, Tidey, J.W., & Colby, S.M. (2020). Behavioral economic demand and delay discounting are differentially associated with cigarette dependence and use in adolescents. *Addictive Behaviors*, *103*.
28. **Aston, E. R.**, & Meshesha, L. (2020). Assessing cannabis demand: A comprehensive review of the marijuana purchase task. *Neurotherapeutics*, *17*(1), 87-99.
29. †Merrill, J.E. & †**Aston, E. R.** (2020). Alcohol demand assessed daily: Validity, variability, and the influence of drinking-related consequences. *Drug and Alcohol Dependence*, *208*(1).
30. Gunn, R. L., **Aston, E. R.**, Sokolovsky, A. W., White, H. R., & Jackson, K. M. (2020). Complex cannabis use patterns: Associations with cannabis consequences and cannabis use disorder symptomatology. *Addictive Behaviors*, *105*.
31. *Rubenstein, D., **Aston, E. R.**, Nollen, N. L., Mayo, M. S., Brown, A. R., & Ahluwalia, J. S. (2020). Factors associated with cannabis use among African American nondaily smokers. *Journal of Addiction Medicine*, *14*(5), 170-174.
32. Meshesha, L., **Aston, E. R.**, Blevins, C., Battle, C., Stein, M., & Abrantes, A. (2020). Evaluating alcohol demand, craving, and depressive symptoms among women in alcohol treatment. *Addictive Behaviors*, *109*.
33. **Aston, E. R.**, Metrik, J., Rosen, R. K., Swift, R. M. & MacKillop, J. (2021). Refining the Marijuana Purchase Task: Using qualitative methods to inform measure development. *Experimental and Clinical Psychopharmacology*, *29*(1), 23-35.

34. Haass-Koffler, C. L., *Souza, R. D., Wilmott, J. P., **Aston, E. R.**, & Song, J-H. (2021). A combined alcohol and smoking cue-reactivity paradigm in people who drink heavily and smoke cigarettes: preliminary findings. *Alcohol and Alcoholism*, 56(1), 47-56.
35. Stevens, A., **Aston, E. R.**, Gunn, R. L., Sokolovsky, A., Treloar Padovano, H., White, H., & Jackson, K. (2021). Does the combination matter? Examining the influence of alcohol and cannabis product combinations on simultaneous use and consequences in daily life. *Alcoholism: Clinical and Experimental Research*, 45(1), 181-193.
36. **Aston, E. R.**, *Smith, J. E., DiBello, A. M., & Farris, S. G. (2021). Effects of acute distress and tobacco cues on tobacco demand. *Drug and Alcohol Dependence*, 221.
37. Minhas, M., Balodis, I., **Aston, E. R.**, Murphy, J., & MacKillop, J. (2021). Using an optimized Marijuana Purchase Task to examine cannabis demand in relation to cannabis misuse in heavy episodic drinking emerging adults. *Journal of Studies on Alcohol and Drugs*, 82(3), 351-361.
38. *Kearns, N. T., Blumenthal, H., Contractor, A. A., **Aston, E. R.**, & Metrik J. (2021). Effect of trauma-related stress after alcohol consumption on perceived likelihood of negative consequences and willingness to drive. *Addictive Behaviors*, 117.
39. *Benz, M. B., **Aston, E. R.**, *Mercurio, A., & Metrik, J. (2021). Potential impact of legalization of recreational marijuana among current users: Qualitative inquiry. *Journal of Psychoactive Drugs*, 15, 1-8.
40. *Rubenstein, D., Sokolovsky, A. W., **Aston, E. R.**, Nollen, N. L., Schmid, C. H., Rice, M., Pulvers, K., & Ahluwalia, J. S. (2021). Predictors of smoking reduction among African American and Latinx smokers in a randomized controlled trial of JUUL e-cigarettes. *Addictive Behaviors*, 122.
41. **Aston, E. R.**, *Berey B. L., Boyle, H. K., Riordan, B., & Merrill, J.E. (2021). Associations between alcohol demand and both the experience and subjective evaluation of positive and negative alcohol-related consequences. *Alcoholism: Clinical and Experimental Research*, 45(11), 2357-2369.
42. Monnig, M. A., Padovano, H. T., Sokolovsky, A., DeCost, G., **Aston, E. R.**, Haass-Koffler, C., Szapary, C., Moyo, P., Avila, J. C., Tidey, J., Monti, P. M., & Ahluwalia, J. (2021). Associations of substance use with behavioral adherence to Centers for Disease Control and Prevention guidelines for COVID-19 mitigation: A survey study. *JMIR Public Health and Surveillance*, 7(11).
43. Gunn, R. L., **Aston, E. R.**, & Metrik, J. (2022). Patterns of cannabis and alcohol co-use: Substitution versus complementary effects. *Alcohol Research: Current Reviews*, 42(1).
44. **Aston, E. R.** & *Berey B. L. (2022). Cannabis use disorder: A behavioral economic perspective. *Current Addiction Reports*, 9, 1–13
45. *Suriaga, A., Tappen, R. M., **Aston, E. R.**, Chiang-Hanisko, L., & Newman, D. (2022). Cannabinoids and synthetic cannabinoids as a cause of death: Trends and their healthcare implications. *Journal of Nursing Scholarship*.

46. *Berey, B. L., **Aston, E. R.**, *Kearns, N. T., McGeary, J. E., Borsari, B. & Metrik, J. (2022). Prospective associations between sleep disturbances and cannabis use among veterans: A behavioral economic approach. *Addictive Behaviors*, 134.
47. †Borissova, A., †Soni, S., **Aston, E. R.**, Lees, R. H., Petrilli, K., Wall, M. B., Bloomfield, M. A. P, Mertzani, E., Paksina, A., Freeman, T. P., Mokrysz, C., Lawn, W., & Curran, H. V. (2022). Age differences in the behavioural economics of cannabis use: Do adolescents and adults differ on demand for cannabis and discounting of future reward? *Drug and Alcohol Dependence*, 238(1).
48. *Berey, B.L., **Aston, E.R.**, Gebru, N.M., & Merrill, J.E. (2023). Differences in cannabis use characteristics, routines, and reasons for use among individuals with and without a medical cannabis card. *Experimental and Clinical Psychopharmacology*, 31(1), 14-22.
49. Schultz, N. R., **Aston, E. R.**, Metrik, J., & Ramirez, J. J. (2023). Can I see some ID? Examining validity of the marijuana purchase task among late adolescent cannabis users. *Experimental and Clinical Psychopharmacology*, 31(1), 238-247.
50. Yurasek, A. M., *Berey B., Pritshmann, R., Murphy, C., & **Aston, E. R.** (2023). Initial development and validation of a brief assessment of marijuana demand among young adult college students. *Experimental and Clinical Psychopharmacology*, 31(2), 318-323.
51. †**Aston, E. R.** & †Merrill, J.E. (2023). Alcohol demand assessed daily as a predictor of same day drinking. *Psychology of Addictive Behaviors*, 37(1), 114-120.
52. *Smith, J. E., Brinkman, H. R., **Aston, E. R.**, Zvolensky, M. J., Leyro, T. M., & Farris, S. G. (2023). Difficulties in emotion regulation and *ad libitum* smoking topography: A secondary analysis. *Addictive Behaviors*, 137.
53. González-Roz, A., Martínez-Loredo, V., **Aston, E. R.**, Metrik, J., Murphy, J., Balodis, I., Secades-Villa, R., Belisario, K., & MacKillop, J. (2023). Concurrent validity of the Marijuana Purchase Task: A meta-analysis of trait-level cannabis demand and cannabis involvement. *Addiction*, 118(4), 620-633.
54. Acuff, S. F., Strickland, J. C., **Aston, E. R.**, Gex, K. S., & Murphy, J. G. (2023). The effects of social context and opportunity cost on the behavioral economic value of cannabis. *Psychology of Addictive Behaviors*, 37(1), 156-165.
55. Monnig, M. A., Clark, S. E., Avila, J. C., Sokolovsky, A., Padovano, H. T., Chavanne, K. G., **Aston, E. R.**, Haass-Koffler, C. L., Tidey, J., Ahluwalia, J. & Monti, P. M. (2023). COVID-19-related stressors and clinical mental health symptoms in a northeast US sample. *International Journal of Environmental Research and Public Health*, 20(2).
56. **Aston, E. R.**, Meshesha, L. Z., Stevens, A. K., Borsari, B., & Metrik, J. (2023). Cannabis demand and use among veterans: A prospective examination. *Psychology of Addictive Behaviors* 37(8), 985-995.
57. Gebru, N. M., **Aston, E. R.**, *Berey, B. L., Snell, M., Leeman, R. F., & Metrik, J. (2023). “That’s pot culture right there”: Purchasing behaviors of people who use cannabis recreationally. *Cannabis*, 6(2), 30-46.

58. *Rubenstein, D., McClernon, F. J., Powers, J. M., **Aston, E. R.**, Keefe, F. J., & Sweitzer, M. M. (2023). Pain is associated with exclusive use and co-use of tobacco and cannabis: Findings from Wave 5 (2018-2019) of the Population Assessment of Tobacco and Health Study. *Addictive Behaviors*.
59. *Smith, J. E., **Aston, E. R.**, & Farris, S. G. (2024). A preliminary characterization of cannabis oil use and vaporization among individuals who use for medical purposes: A pilot study. *Experimental and Clinical Psychopharmacology*, 32(1), 35-44.
60. Coelho, S. G., Hendershot, C. S., **Aston, E. R.**, Ruocco, A. C., Quilty, L. C., Tyndale, R. F., & Wardell, J. D. (2024). Executive functions and behavioural economic demand for cannabis among young adults: Indirect associations with cannabis consumption and cannabis use disorder. *Experimental and Clinical Psychopharmacology*, 32(3), 305-315.
61. Micalizzi, L., **Aston, E. R.**, Nesi, J., Price, D., & Gunn, R. L. (2024). A descriptive analysis of a popular pregnancy forum: Comments on the developmental consequences of cannabis use on offspring. *Journal of Studies on Alcohol and Drugs*, 85(2), 210-217.
62. Miller, B. P., **Aston, E. R.**, Davis, W., *Berey, B. L., Dowd, A. N., & Amlung, M. (2024). Examining the effect of cannabis cues on cannabis demand in sleep, driving, and typical drug-use contexts. *Drug and Alcohol Dependence*.
63. Acuff, S. F., Varner, A., Strickland, J. C., Gex, K. S., **Aston, E. R.**, MacKillop, J., & Murphy, J. G. (2024). Efficiently quantifying egocentric social network cannabis use: Initial psychometric validation of the Brief Cannabis Social Density Assessment. *Journal of Studies on Alcohol and Drugs*, 85(6), 885-894.
64. †**Aston, E.R.**, †Merrill, J. E., Boyle, H.K., *Berey B.L., & López, G. (2024). Utility of a brief measure of cannabis demand in the prediction of cannabis use. *Drug and Alcohol Dependence*.
65. Miller, B. P., Kianna, C., Chen, C., Lester, A., Weinsztok, S. C., **Aston, E. R.**, & Amlung, M. (2025). Exploring the suitability of cannabis use with next-day responsibilities: A behavioral economic and qualitative study. *Journal of the Experimental Analysis of Behavior*, 123(1), 41-56.
66. Magri, T., Dvorak, R., **Aston, E. R.**, & Meshesha, L. (2025). The role of alcohol expectancies in the association between behavioral economic alcohol demand, relative reinforcement, and alcohol problems. *Journal of Drug Education: Substance Use Research and Prevention*, 54(1), 31-51.
67. Pulvers, K., Jamalain, N., Suh, E., Faltaoos, P., Stewart, S., & **Aston, E. R.** (in press). Nicotine and cannabis routes of administration and dual use among U.S. young adults who identify as Hispanic, non-Hispanic Black, and non-Hispanic White. *Preventive Medicine Reports*.
68. Robison, J. H., **Aston, E. R.**, Matoska, C. T., Smit, T., Neighbors, C., Businelle, M., Zvolensky, M. J., & Garey, L. (in press). Applying a behavioral economic approach to understanding smoking processes: The indirect effect of past quit experiences. *Drug and Alcohol Dependence*.

69. Gunn, R. L., **Aston, E. R.**, Artis, L., Nesi, J., Pedersen, E. R., & Micalizzi, L. (*in press*). Use of cannabis to manage symptoms of mental and physical health conditions during pregnancy: Analysis of a pro-cannabis pregnancy forum. *Frontiers in Psychiatry*.
70. **Aston, E. R.**, Benz, M. B., Souza, R., Berey, B. L., & Metrik, J. (2025). Using prospective mixed-methods to investigate the impact of the COVID-19 pandemic on cannabis demand. *Journal of the Experimental Analysis of Behavior*, 123(2), 297-311.
71. Howe, L. K., Micalizzi, L., Fernandez, M. E., **Aston, E. R.**, & Gunn, R. L. (*in press*). Online conversations on perceived stigma among pregnant individuals who use cannabis. *Drug and Alcohol Dependence Reports*.
72. Miller, B. P., **Aston, E. R.**, Spindle, T. R., & Amlung, M. (*in press*). Pass the keys: Using behavioral economics to explore driving after cannabis use. *Substance Use & Addiction Journal*.
73. Metrik, J., **Aston, E. R.**, Gunn, R. L., Swift, R., MacKillop, J., & Kahler, C. W. (*in press*). Acute effects of cannabis on alcohol craving and consumption: A randomized crossover trial. *The American Journal of Psychiatry*.
74. Waddell, J. T., Berey, B. L., **Aston, E. R.**, & Merrill, J. E. (*in press*). Social context and impaired control over alcohol use during naturally occurring drinking episodes. *Psychopharmacology*.
75. Merrill, J. E., Berey, B. L., **Aston, E. R.**, Boyle, H. K., Belitsos, O. A., & Didier, N. (*in press*). Day-level negative outcomes of impaired control over drinking. *Journal of Psychopathology and Clinical Science*.
76. **Aston, E. R.**, Berry, B. L., Amlung, M., Swift, R. M., MacKillop, J. & Metrik, J. (*in press*). Is toke cheap? Correspondence between cannabis demand and purchase in the laboratory. *Addiction*.
77. Trøstheim, M., Berry, B. L., **Aston, E. R.**, Gullo, M., Hogarth, L., Simpson, G., Broomby, R., Morgan, C., Carlyle, M. (*in press*). Assessing behavioural economic demand for morphine after an acute dose in individuals with- and without childhood trauma: A double-blind, randomised, controlled trial. *Psychopharmacology*.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Weinsztok, S. C., Miller, B. P., **Aston, E. R.**, & Amlung, M. (2025). Human research methods for studying operant demand. In Reed, D. D., Kaplan, B. A. & Gilroy, S. P. (Eds.). *Handbook of Operant Behavioral Economics*. Elsevier. p. 71-90.
2. **Aston, E. R.** Featured Article at Scientific American™ Blogs “The Scicurious Brain”, February 27, 2013. “Alcohol and Caffeine: No Need to go Loko”.

MANUSCRIPTS IN SUBMISSION

1. **Aston, E. R.** & Amlung, M. (*in revision*). Gimme the gummies: Initial validation of the Edibles Marijuana Purchase Task.

2. *White, J. P., Berey, B. L., Metrik, J., Reginato, A. M., & **Aston, E. R.** (*under review*). Voices Unheard: Exploring the Barriers to Adequate Healthcare for Spanish-Speaking Patients with Rheumatoid Arthritis.
3. González-Roz, A., Alemán-Moussa, L., Iza-Fernández, C., Fernández-Huelga, C., & **Aston, E. R.** (*under review*). Navigating the medicinal cannabis debate in Spain: A qualitative analysis of legalization impacts among young adults who use cannabis regularly.
4. Berey, B. L., Gunn, R. L., **Aston, E. R.**, Borsari, B., & Metrik, J. (*under review*). A prospective examination of the acquired preparedness model for alcohol and cannabis use in veterans.

INVITED PRESENTATIONS

Local

1. **Aston, E. R.** (March 2017). Qualitative research with frequent marijuana users. *Talk given as part of the Center for Alcohol and Addiction Studies Rounds Series, Brown University, Providence, Rhode Island.*
2. **Aston, E. R.** (April 2017). Using qualitative methods in public health research: Examples with recreational and medical marijuana users. *Talk given as part of the Quantitative Methods Core (QMC), Department of Quantitative Health Sciences (QHS), University of Massachusetts Medical School (UMMS), sponsored by UMass Clinical and Translational Science Award (CTSA), Worcester, Massachusetts.*
3. **Aston, E. R.** (May 2020). Medical marijuana: Health benefits and considerations. *Talk given as part of the monthly Providence Veterans Association Medical Center Colloquium Series, Providence, Rhode Island.*
4. **Aston, E. R.** (August 2020). Medical marijuana: Health benefits and considerations. *Talk given as part of the education series for the Home Based Primary Care team: Providence Veterans Health Administration Providence, Rhode Island.*
5. **Aston, E. R.** (November 2020). Is toké cheap? Correspondence between marijuana demand and purchase of marijuana in the laboratory. *Talk given as part of the Center for Alcohol and Addiction Studies Rounds Series, Brown University, Providence, Rhode Island.*
6. **Aston, E. R.** & Metrik, J. (June 2022). The science of cannabis and cannabinoids: Weeding out fact from fiction. *Talk given as part of the continuing education series for the Rhode Island Psychological Association, Warwick, Rhode Island.*
7. **Aston, E. R.** (September 2022). Cannabis: The state of the science. *Talk given as part of Landmark Medical Center's Grand Rounds Lecture Series, Woonsocket, Rhode Island.*

National

1. **Aston, E. R.** (September 2011). Breath alcohol estimation training with a randomized dosing binge paradigm. *Talk given at the NIAAA Training Directors Conference, Brown University, Providence, Rhode Island.*

2. **Aston, E. R.** (April 2021). Using behavioral economics to assess demand for cannabis: Qualitative and quantitative approaches. *Talk given as part of the Addiction Research Speaker Seminar Series, Behavioral Pharmacology Research Unit, Johns Hopkins University School of Medicine, Baltimore, Maryland.*
3. **Aston, E. R.** (April 2021). Behavioral economics: Tools to understand the progression and escalation of substance use and misuse. *Talk given as part of the Prevention Research Center Postdoctoral Research Seminar Series, Pacific Institute for Research and Evaluation, Berkeley, California.*
4. **Aston, E. R.** (August 2021). Novel refinements and applications of marijuana purchase tasks. *Talk given as part of The University of Kansas Symposium on the Behavioral Economics of Addiction, Cofrin Logan Center for Addiction Research and Treatment, The University of Kansas, Lawrence, Kansas.*
5. **Aston, E. R.** (May 2022). Assessment of cannabis' relative value: Laboratory evaluation of reward processing among those who use cannabis. *Invited talk given at the Association for Behavior Analysis International 48th Annual Convention, Boston, Massachusetts.*
6. **Aston, E. R.** (January 2023). Assessing Cannabis Demand: Qualitative and Quantitative Approaches. *Talk given as part of the University of Houston Alcohol, Tobacco, and Other Drug Seminar Series.*
7. **Aston, E. R.** (March 2023). Use of cannabis for recreational and medical purposes: Consideration of benefits and risks. *Talk given for Aviva Psychology Services.*
8. **Aston, E. R.** (April 2023). Behavioral economic demand for cannabis: Approaches, methodological considerations, and public health impact. *Talk given as part of the University of Florida Center of Behavioral Economic Health Research Spring Seminar Series.*
9. **Aston, E. R.** (March 2024). Strategies for using qualitative methods to refine addictions assessments. *Talk given as part of the Cofrin Logan Center for Addiction Research and Treatment Training Seminar Series, The University of Kansas, Lawrence, Kansas.*

International

1. **Aston, E.R.** (June 2019). Substance use among individuals with intellectual disabilities (*Discussant*). *Talk given at the 45th annual Alcohol Epidemiology Symposium of the Kettil Bruun Society, Utrecht, Netherlands.*
2. **Aston, E.R.** (September 2023). Implementing qualitative methods in research and practice. *Talk given to the Faculty of Psychology, University of Oviedo, Oviedo, Spain.*
3. **Aston, E.R.** (September 2023). Using qualitative research to guide treatment development, measure development, and characterize cannabis use behavior. *Talk given to the Faculty of Psychology, University of Oviedo, Oviedo, Spain.*
4. **Aston, E.R.** (June 2025). Interventions in healthcare settings. (*Discussant*). *Talk given at the 50th annual Alcohol Epidemiology Symposium of the Kettil Bruun Society, Glasgow, Scotland.*

OTHER PRESENTATIONS

Local

1. **Staniforth, E. R.**, Roth, A. J., Shannon, E. E., & Liguori., A. (December 2009). Anxiety, impulsivity, and simulated driving: Effects of an alcohol binge. *Poster presented at the Western North Carolina Society for Neuroscience Research Day, Winston-Salem, NC.*
2. **Staniforth, E. R.**, Roth, A. J., Shannon, E. E., & Liguori., A. (March 2010). Anxiety, impulsivity, and post-binge simulated driving in moderate drinkers. *Poster presented at the Wake Forest University Tenth Annual Graduate Student and Postdoctoral Research Day, Winston-Salem, NC.*
3. **Staniforth, E. R.**, Roth, A. J., Shannon, E. E., & Liguori., A. (December 2010). Anxiety, impulsivity, and post-binge simulated driving in moderate drinkers. *Poster presented at the Western North Carolina Society for Neuroscience Research Day, Winston-Salem, NC.*
4. **Staniforth, E. R.** & Liguori, A. (November 2011). Breath alcohol estimation training with a randomized dosing binge paradigm. *Poster presented at the Western North Carolina Society for Neuroscience Research Day, Winston-Salem, NC.*
5. **Aston, E. R.** & Liguori, A. (March 2012). Breath alcohol estimation training with a randomized dosing binge paradigm. *Poster presented at the Wake Forest University Twelfth Annual Graduate Student and Postdoctoral Research Day, Winston-Salem, NC.*
6. **Aston, E. R.**, Cassidy, R. N., MacKillop, J., & Metrik, J. (March 2014). Initial validation of a marijuana purchase task. *Poster presented at the Mind Brain Research Day, Brown University, Providence, RI.*
7. **Aston, E. R.**, Metrik, J., Kahler, C. W., & MacKillop, J. (March 2015). Impulsivity and marijuana demand among frequent marijuana users. *Poster presented at the Mind Brain Research Day, Brown University, Providence, RI.*
8. **Aston, E. R.** (June 2022). A qualitative analysis of perceptions of cannabis as an adjunct treatment for rheumatic autoimmune conditions: The effect of Hispanic ethnicity on healthcare experiences. *Talk given at the Emerging Areas of Science IDeA Symposium, Providence, Rhode Island.*

National

1. Dobrin, C. V., **Staniforth, E. R.**, Bass, C. E., & Roberts, D. C. S. (November 2008). Manipulation of circadian genes in models of cocaine reinforcement. *Poster presented at The Society for Neuroscience, 38th Annual Meeting, Washington, DC.*
2. **Staniforth, E. R.**, Roth, A. J., Shannon, E. E., & Liguori., A. (June 2010). Anxiety, impulsivity, and post-binge simulated driving in moderate drinkers. *Poster presented at the Research Society on Alcoholism, 33rd Annual Meeting, San Antonio, TX.*
3. **Staniforth, E. R.** & Liguori, A. (June 2011). Breath alcohol estimation training with a randomized dosing binge paradigm. *Poster presented at the Research Society on Alcoholism, 34th Annual Meeting, Atlanta, GA.*

4. Pattison, L. P., Riegle, M. A., **Staniforth, E. R.**, Skelly, M. J., Dolson, E. P., Martucci, K. T., Willard, S. L., Wiggins, W. F., Perret, D. S., & Godwin, D. W. (November 2011). Brain Awareness Season in NC's Triad Area. *Poster presented at The Society for Neuroscience, 41st Annual Meeting, Brain Awareness Campaign Event, Washington, DC.*
5. **Aston, E. R.** & Liguori, A. (August 2012). Self-reported alcohol use and drink driving after breath alcohol estimation training. *Poster presented at the American Psychological Association, 120th Annual Convention, Orlando, FL.*
6. Pattison, L. P., **Aston, E. R.**, Riegle, M. A., Rose, J. H., Spence, T. E., Skelly, M. J., Johnston III, W., Haynes, K., Bach, S., & Godwin, D. W. (October 2012). Wake Forest University's Brain Awareness Council: Illuminating minds, one brain at a time. *Poster presented at The Society for Neuroscience, 42nd Annual Meeting, Brain Awareness Campaign Event, New Orleans, LA.*
7. **Aston, E. R.**, Metrik, J., & MacKillop, J. (March 2015). Behavioral economic research on the etiology and prevention of young adult drug use. *Talk given at the Collaborative Perspectives on Addiction, 3rd Annual Meeting, Baltimore, Maryland.*
8. Metrik, J., **Aston, E. R.**, Kahler, C. W., Rohsenow, D., McGeary, J., Knopik, V., & MacKillop, J. (June 2015). Multidimensional assessment of cue-elicited marijuana demand. *Poster presented at the College on Problems of Drug Dependence, 77th Annual Convention, Phoenix, Arizona.*
9. **Aston, E. R.**, Metrik, J., Kahler, C. W., & MacKillop, J. (June 2015). Impulsivity and marijuana demand among frequent marijuana users. *Poster presented at the College on Problems of Drug Dependence, 77th Annual Convention, Phoenix, Arizona.*
10. **Aston, E. R.** & Metrik, J. (March 2016). Marijuana demand and problems as predictors of marijuana change efforts. *Poster presented at the Collaborative Perspectives on Addiction, 4th Annual Meeting, San Diego, California.*
11. **Aston, E. R.**, Knopik, V., McGeary, J., MacKillop, J., & Metrik, J. (June 2016). Cannabinoid receptor gene (CNR1) polymorphism (rs2023239) associated with demand for marijuana. *Talk given at the College on Problems of Drug Dependence, 78th Annual Convention, Palm Springs, California.*
12. **Aston, E. R.**, Metrik, J., Rosen, R., Midoun, M. M., Swift, R. M., & MacKillop, J. (March 2017). Marijuana purchase task: Using qualitative methods to inform measure development. *Poster presented at the Collaborative Perspectives on Addiction, 5th Annual Meeting, Albuquerque, New Mexico.*
13. Merrill, J.E., **Aston, E. R.**, & Boyle, H.K. (November 2017). Associations between alcohol demand and both the experience and subjective evaluation of positive and negative alcohol-related consequences. *Poster presented at the Association for Behavioral and Cognitive Therapies, 51st Annual Convention, San Diego, CA.*
14. **Aston, E. R.** (March 2018). Using qualitative methods in measure development: Assessing behavioral economic demand for marijuana. In E. R. Aston (Chair), Using behavioral economics to understand reward processing in substance use. *Talk given at the*

Collaborative Perspectives on Addiction, 6th Annual Meeting, Tampa, Florida.

15. **Aston, E. R.**, Farris, S. G., Metrik, J., & Rosen, R. K. (June 2018). Vaporization of marijuana among recreational users: A qualitative study. *Poster presented at the College on Problems of Drug Dependence, 80th Annual Convention, San Diego, California.*
16. Claborn, K. R., **Aston, E. R.**, Champion, J., & Guthrie, K. (November 2018). Prescription-based Incentives to Improve Retention in HIV Care: Clinician Perspectives. *Poster presented at the Association of Nurses in AIDS Care, Denver, Colorado.*
17. Gunn, R., **Aston, E. R.**, Jackson, K., & White, H. (April 2019). Complex marijuana use patterns: Relations with simultaneous alcohol and marijuana use and associated consequences. *Accepted to Collaborative Perspectives on Addiction, 7th Annual Meeting, Providence, Rhode Island.*
18. **Aston, E. R.** & Cassidy, R. N. (April 2019). Cross-price elasticity of marijuana and tobacco demand piloted in dual-using young adults. *Poster presented at the Collaborative Perspectives on Addiction, 7th Annual Meeting, Providence, Rhode Island.*
19. Celio, M., **Aston, E. R.**, MacKillop, J., & Murphy, J. (June 2019). Examining readiness to change as a mechanism of action in a brief motivational intervention: The importance of alcohol demand. *Poster presented at the Research Society on Alcoholism, 42nd Annual Meeting, Minneapolis, Minnesota.*
20. Dunbar, A. B., **Aston, E. R.**, Guthrie, K., Merlin, J., Champion, J., & Claborn, K. R. (June 2019). Prescribing opioids as motivational incentives to promote health-related behaviors in patients. *Poster presented at the College on Problems of Drug Dependence, 81st Annual Convention, San Antonio, Texas.*
21. Metrik, J., **Aston, E. R.**, Gunn, R., MacKillop, J., Swift, R., & Kahler, C. (June 2019). Marijuana's effects on alcohol craving and consumption in a laboratory study. *Talk given at the Research Society on Alcoholism, 42nd Annual Meeting, Minneapolis, Minnesota.*
22. Meshesha, L., **Aston, E. R.**, Blevins, C., Battle, C., Stein, M., & Abrantes, A. (June 2019). Assessing alcohol demand within an alcohol treatment seeking population. *Poster presented at the Research Society on Alcoholism, 42nd Annual Meeting, Minneapolis, Minnesota.*
23. *Rubenstein, D., **Aston, E. R.**, Nollen, N. L., Mayo, M. S., Brown, A. R., & Ahluwalia, J. S. (March 2020). Factors associated with marijuana use among African American nondaily smokers. *Poster presented at the Society for Research on Nicotine & Tobacco, 26th Annual Meeting, New Orleans, Louisiana.*
24. Garey, L., **Aston, E. R.**, Smit, T., & Zvolensky, M. J. (March 2020). Applying a behavioral economics approach to understanding smoking processes: The mediating role of past quit experiences. *Poster presented at the Society for Research on Nicotine & Tobacco, 26th Annual Meeting, New Orleans, Louisiana.*
25. **Aston, E. R.**, Amlung, M., Swift, R., MacKillop, J. & Metrik, J. (April 2020). Is toké cheap? Correspondence between marijuana demand and purchase of marijuana in the laboratory. In E. R. Aston (Chair), Assessment of demand in marijuana users: Understanding reward processing across the lifespan. *Talk accepted to Collaborative Perspectives on Addiction, 8th*

Annual Meeting, San Diego, California. Not presented due to COVID-19.

26. *Benz, M. B., **Aston, E. R.**, *Mercurio, A., & Metrik, J. (April 2020). Potential impact of legalization of recreational marijuana among current users: Qualitative inquiry. *Poster presented at the Collaborative Perspectives on Addiction, 8th Annual Meeting, San Diego, California. Presented virtually due to COVID-19.*
27. Minhas, M., **Aston, E. R.**, Metrik, J., Murphy, J., & MacKillop, J. (April 2020). Investigating a modified marijuana purchase task to characterize cannabis demand in emerging adults. *Poster accepted to Collaborative Perspectives on Addiction, 8th Annual Meeting, San Diego, California. Not presented due to COVID-19.*
28. **Aston, E. R.** & Merrill, J.E. (June 2020). Daily assessment of the influence of alcohol demand on alcohol consumption. *Talk accepted to Research Society on Alcoholism, 43rd Annual Meeting, New Orleans, Louisiana. Not presented due to COVID-19.*
29. Metrik, J., **Aston, E. R.**, Gunn, R. L., Swift, R., MacKillop, J., & Kahler, C. (June 2020). Acute effects of moderate and high cannabis dose on alcohol consumption in a clinical laboratory paradigm: Identifying potential mechanisms. *Talk accepted to Research Society on Alcoholism, 43rd Annual Meeting, New Orleans, Louisiana. Not presented due to COVID-19.*
30. *Berey, B.L., **Aston, E.R.**, Gebru, N.M., & Merrill, J.E. (March 2021). Differences in characteristics and reasons for use between medical and recreational cannabis users. *Poster presented at the Collaborative Perspectives on Addiction, 9th Annual Meeting. Presented virtually due to COVID-19.*
31. Gebru, N. M., **Aston, E. R.**, *Berey, B. L., Leeman, R. F., & Metrik, J. (March 2021). “*That’s pot culture right there*”: Purchasing behaviors of recreational marijuana users. *Poster presented at the Collaborative Perspectives on Addiction, 9th Annual Meeting. Presented virtually due to COVID-19.*
32. **Aston, E. R.**, Amlung, M., Swift, R., MacKillop, J. & Metrik, J. (March 2021). Is toké cheap? Correspondence between marijuana demand and purchase of marijuana in the laboratory. In E. R. Aston (Chair), Assessment of demand in marijuana users: Understanding reward processing across the lifespan. *Talk given at the Collaborative Perspectives on Addiction, 9th Annual Meeting. Presented virtually due to COVID-19.*
33. *Smith, J. E., Brinkman, H. R., **Aston, E.R.**, & Farris, S. G. (April 2021). Difficulties in emotion regulation and smoking topography. *Poster presented at the Society of Behavioral Medicine, 42nd annual meeting. Presented virtually due to COVID-19.*
34. Monnig, M. A., Treloar Padovano, H., Sokolovsky, A., DeCost, G., **Aston, E. R.**, Haass-Koffler, C., Szapary, C. L., Tidey, J., Monti, P. M., & Ahluwalia, J. (June 2021). Alcohol and opioid use are associated with adherence to CDC guidelines to reduce the spread of COVID-19. *Poster presented at the Research Society on Alcoholism, 44th Annual Meeting. Presented virtually due to COVID-19.*
35. *Berey, B. L., **Aston, E. R.**, *Kearns, N. T., & Metrik, J. (June 2021). Mechanisms linking sleep health and cannabis use among U.S. Veterans: A behavioral economic approach. *Poster presented at the joint American Academy of Sleep Medicine and Sleep Research*

Society SLEEP conference. Presented virtually due to COVID-19.

36. Snell, M., *Berey, B. L., Amlung, M. & **Aston, E. R.** (June 2021) Evaluation of demand for cannabis among adults with anxiety symptoms. *Poster presented at the AcademyHealth annual meeting. Presented virtually due to COVID-19.*
37. **Aston, E. R.**, Meshesha, L. Z., Stevens, A. K., Borsari, B., & Metrik, J. (July 2021). Cannabis demand and use among veterans: A prospective examination. *Poster presented at the Research Society on Marijuana annual conference. Presented virtually due to COVID-19.*
38. *Berey, B. L., **Aston, E. R.**, Pritschmann, R. K., Murphy, C. M., & Yurasek, A. M. (July 2021). Initial validation of a brief purchase task for cannabis demand among young adult college students. *Poster presented at the Research Society on Marijuana annual conference. Presented virtually due to COVID-19.*
39. Schultz, N. R., **Aston, E. R.**, Metrik, J., & Ramirez, J. J. (July 2021). Validation of the marijuana purchase task among adolescent marijuana users. *Poster presented at the Research Society on Marijuana annual conference. Presented virtually due to COVID-19.*
40. *Kearns, N. T., Blumenthal, H., Contractor, A. A., **Aston, E. R.**, & Metrik J. (August 2021). Effect of trauma-related stress after alcohol consumption on perceived likelihood of negative consequences and willingness to drive. *Poster presented at the American Psychological Association Annual conference. Presented virtually due to COVID-19.*
41. *Suriaga, A., **Aston, E. R.**, & Chiang-Hanisko, L. (November 2021). Synthetic cannabinoids and cannabinoid-related deaths: Relationships among age, gender, race, and manner of death. *Poster presented at the Association of Medical Education Research in Substance Abuse. Presented virtually due to COVID-19.*
42. *Suriaga, A., **Aston, E.R.**, & Chiang-Hanisko, L. (January 2022). Dissemination of information on synthetic cannabinoids and cannabinoid-related deaths for harm reduction. *Poster presented at the American Association of Colleges of Nursing, Nursing Science and Practice: Creating Equity through Doctoral Education conference, Naples, Florida.*
43. **Aston, E. R.** & Merrill, J.E. (June 2022). Does relative alcohol value in the morning influence subsequent drinking? The importance of morning alcohol demand. *Talk given at the Research Society on Alcoholism, 45th Annual Meeting, Orlando, Florida.*
44. Gebru, N. M., *Berey, B. L., Frohe, T., **Aston, E. R.**, Yurasek, A., & Leeman R. F. (June 2022). Relations between impaired control over alcohol and behavioral economic demand in the context of alcohol self-administration among young adults who drink heavily. *Poster presented at the Research Society on Alcoholism, 45th Annual Meeting, Orlando, Florida.*
45. Magri, T., Dvorak, R., **Aston, E. R.**, & Meshesha, L. (June 2022). Examining the relationship between alcohol expectancies and behavioral economic theory. *Poster presented at the Research Society on Alcoholism, 45th Annual Meeting, Orlando, Florida.*
46. Boyle, H.K., *Berey B.L., & **Aston, E.R.** (July 2022). Examining the relationship between cannabis smoking topography and cannabis use behavior. *Talk given at the Research Society on Marijuana, 6th Annual Meeting, Boston, Massachusetts.*

47. *Smith, J. E., **Aston, E. R.**, & Farris, S. G. (July 2022). Characterizing contextual factors associated with medical cannabis oil vaporization. *Talk given at the Research Society on Marijuana, 6th Annual Meeting, Boston, Massachusetts.*
48. Metrik, J., Gunn, R. L., **Aston, E. R.**, *McCarty, K., Trull, T., & McCarthy, D. M. (July 2022). Geographically explicit momentary assessment to detect driving under the influence of cannabis. *Talk given at the Research Society on Marijuana, 6th Annual Meeting, Boston, Massachusetts.*
49. **Aston, E. R.**, *Berey, B. L., Chopra, M., Reginato, A. M., & Metrik, J. (July 2022). Perception of cannabis as a potential adjunct treatment for rheumatic autoimmune conditions: A qualitative analysis. *Talk given at the Research Society on Marijuana, 6th Annual Meeting, Boston, Massachusetts.*
50. **Aston, E. R.** (August 2022). Assessment of cannabis' relative value: The association between demand and driving following cannabis use. *Talk given at the American Psychological Association, Minneapolis, Minnesota.*
51. **Aston, E. R.** (August 2022). Transitioning from behavioral to biomedical research. *Talk given at the American Psychological Association, Minneapolis, Minnesota.*
52. Cassidy, R. N., **Aston, E. R.**, Metrik, J., & Colby, S. M. (March 2023). The impact of marijuana price on tobacco use in dual using adolescents: initial development of a marijuana and tobacco cross-price purchase task. *Poster presented at the Society for Research on Nicotine & Tobacco, 29th Annual Meeting, San Antonio, Texas.*
53. Micalizzi, L., **Aston, E. R.**, Nesi, J., Pedersen, E. R., & Gunn, R. L. (March 2023). A qualitative study of polysubstance references in a perinatal cannabis use forum. *Poster presented at the Society for Research on Nicotine & Tobacco, 29th Annual Meeting, San Antonio, Texas.*
54. *Berey, B. L., **Aston, E. R.**, Gunn, R. L., McGeary, J. E., Borsari, B., & Metrik, J. (March 2023). Sleep quality and latency prospectively associated with cannabis use and problems among Veterans. *Poster presented at the Collaborative Perspectives on Addiction, 11th Annual Meeting, Albuquerque, New Mexico.*
55. *Rubenstein, D., *Berey, B. L., & **Aston, E. R.** (March 2023). Using qualitative methods to gauge interest in obtaining a medical cannabis registration card among those who use cannabis. *Poster presented at the Collaborative Perspectives on Addiction, 11th Annual Meeting, Albuquerque, New Mexico.*
56. Fernandez, M. E., Micalizzi, L., **Aston, E. R.**, Nesi, J., & Gunn, R. L. (March 2023). Keeping calm and causing concern: A qualitative analysis of anxiety discussions on a public prenatal cannabis use discussion forum. *Poster presented at the Collaborative Perspectives on Addiction, 11th Annual Meeting, Albuquerque, New Mexico.*
57. Miller, B. P., **Aston, E. R.**, & Amlung, M. (March 2023). The effect of driving, sleep, and typical contexts on demand for cannabis: A preliminary analysis. *Poster presented at the Collaborative Perspectives on Addiction, 11th Annual Meeting, Albuquerque, New Mexico.*
58. *Rubenstein, D., McClernon, F. J., Powers, J. M., **Aston, E. R.**, Keefe, F. J., & Sweitzer, M.

- M. (April 2023). Pain is associated with use and co-use of tobacco and cannabis: Findings from Wave 5 (2018-2019) of the Population Assessment of Tobacco and Health (PATH) Study. *Poster presented at the Annual Meeting of the US Association for the Study of Pain, Durham, North Carolina.*
59. Miller, B. P., **Aston, E. R.**, & Amlung, M. (May 2023). A preliminary within-subject analysis of cannabis demand in driving, sleep, and typical drug-use contexts. *Poster presented at the Association for Behavior Analysis International 49th Annual Convention, Denver, Colorado.*
60. Coelho, S. G., Hendershot, C. S., **Aston, E. R.**, Ruocco, A. C., Quilty, L. C., Tyndale, R. F., & Wardell, J. D. (July 2023). Executive functions and behavioural economic demand for cannabis among young adults: Indirect associations with cannabis consumption and cannabis use disorder. *Talk given at the Research Society on Marijuana, 7th Annual Meeting, Long Beach, California.*
61. Merrill, J. E., **Aston, E. R.**, Boyle, H. K., *Berey B. L., & López, G. (July 2023). Utility of a brief, daily measure of cannabis demand. *Talk given at the Research Society on Marijuana, 7th Annual Meeting, Long Beach, California.*
62. Micalizzi, L., **Aston, E. R.**, Nesi, J., Price, D., & Gunn, R. L. (July 2023). A descriptive analysis of a popular pregnancy forum: Comments on the developmental consequences of prenatal cannabis use on offspring. *Talk given at the Research Society on Marijuana, 7th Annual Meeting, Long Beach, California.*
63. Treloar Padovano, H., Miranda, R. Jr., Metrik, J., & **Aston, E. R.** (July 2023). Protocol for sensitivity to cannabis effects and cue reactivity as markers of a developing disorder in adolescents. *Poster presented at the Research Society on Marijuana, 7th Annual Meeting, Long Beach, California.*
64. Capolino, A., Philippopoulos, A., Gunn, R. L., Nesi, J., **Aston, E. R.**, & Micalizzi, L. (July 2023). Characterizing prenatal cannabis use patterns in people's own words. *Poster presented at the Research Society on Marijuana, 7th Annual Meeting, Long Beach, California.*
65. **Aston, E. R.**, Gunn, R. L., *Berey, B. L., MacKillop, J., Kahler, C. W., Swift, R., & Metrik, J. (July 2023). Acute effects of cannabis and alcohol cue-exposure on relative alcohol valuation. In E. R. Aston (Chair), Assessing substance reward value among those who use cannabis: Examining co-use, executive function, and utility of daily assessment. *Talk given at the Research Society on Marijuana, 7th Annual Meeting, Long Beach, California.*
66. *White, J. P., *Berey, B. L., Metrik, J., Reginato, A. M., & **Aston, E. R.** (November 2023). Voices unheard: Exploring the barriers to adequate healthcare for Hispanic patients with rheumatoid or psoriatic arthritis. *Poster presented at the American Public Health Association, 151st Annual Meeting, Atlanta, Georgia.*
67. Boyle, H. K., Gunn, R. L., Howe, L. K., **Aston, E. R.**, Swift, R. M., Kahler, C. W., & Metrik, J. (January 2024). Cannabis use and cognitive functioning: Findings from a laboratory study. *Poster presented at the American Professional Society of ADHD and Related Disorders Annual Meeting, Orlando, Florida.*

68. Boyle, H. K., **Aston, E. R.**, Merrill, J. E., Yetter, K., Tompkins, J., Gonzalez Trejo, A., Jackson, K. M., & Metrik, J. (April 2024). A qualitative inquiry of the influence of cannabis messaging on cannabis use across the lifespan. *Talk given at the Collaborative Perspectives on Addiction, 12th Annual Meeting, Denver, Colorado.*
69. **Aston, E. R.**, *Berey, B. L., & Metrik, J. (April 2024). Cannabis demand among those endorsing medical use: Unique patterns and considerations. *Talk given at the Collaborative Perspectives on Addiction, 12th Annual Meeting, Denver, Colorado.*
70. **Aston, E. R.**, & *Berey, B. L. (April 2024). Associations among cannabis demand, distress tolerance, and both retrospective and laboratory *ad libitum* cannabis use. *Talk given at the Collaborative Perspectives on Addiction, 12th Annual Meeting, Denver, Colorado.*
71. Miller, B. P., **Aston, E. R.**, Davis, W., *Berey, B. L., Dowd, A. N., & Amlung, M. (May 2024). The effect of cannabis cues on cannabis demand in a sleep context: Results from a study of adults who use cannabis. *Talk given at the Association for Behavior Analysis International, 50th Annual Convention, Philadelphia, Pennsylvania.*
72. Snell, L.M., *Berey, B. L., & **Aston, E. R.** (October 2024). Evaluating variation in demand for cannabis based on anxiety symptoms and coping motives among adults. *Poster presented at the American Public Health Association 152nd Annual Meeting, Minneapolis, Minnesota.*
73. Bush, N J., **Aston, E. R.**, Gunn R. L., Swift, R., Kahler C. W., & Metrik, J. (April 2025). The impact of cannabis use on subsequent alcohol consumption and subjective cannabis effects. *Talk given at the Collaborative Perspectives on Addiction, 13th Annual Meeting, Providence, Rhode Island.*
74. Fischesser, J., **Aston, E. R.**, & Gunn R. L. (April 2025). Cannabis demand, not alcohol demand, related to simultaneous alcohol and cannabis use and problems. *Poster presented at the Collaborative Perspectives on Addiction, 13th Annual Meeting, Providence, Rhode Island.*
75. Miller, B. P., **Aston, E. R.**, Spindle, T. R., & Amlung, M. (April 2025). To drive or not to drive: The dose-response effect of driving distance on cannabis use. *Poster presented at the Collaborative Perspectives on Addiction, 13th Annual Meeting, Providence, Rhode Island.*
76. Miller, B. P., **Aston, E. R.**, Spindle, T. R., & Amlung, M. (May 2025). A parametric analysis of how the latency between cannabis use and driving affects demand. *Talk given at the 51st Association for Behavior Analysis International Annual Convention, Washington DC.*
77. Bush, N J., Gunn R. L., **Aston, E. R.**, Swift, R., Kahler C. W., & Metrik, J. (June 2025). The impact of cannabis and drinking behavior on alcohol's physiological and subjective effects. *Talk given at the Research Society on Alcohol, 47th Annual Meeting, New Orleans, Louisiana.*
78. **Aston, E. R.**, Prince, M. A., & Conner, B. T. (July 2025). Initial validation of the high potency concentrate purchase task. In E. R. Aston (Chair), Assessing the relative reinforcing value of cannabis among dispensary patrons using novel behavioral economic tools. *Talk given at the Research Society on Marijuana, 9th Annual Meeting, Detroit, Michigan.*
79. Conner, B. T., **Aston, E. R.**, & Prince, M. A. (July 2025). Testing the marijuana purchase

task in the real world: assessing its predictive validity and utility in identifying problematic cannabis use among dispensary patrons. *Talk given at the Research Society on Marijuana, 9th Annual Meeting, Detroit, Michigan.*

80. Prince, M. A., Conner, B. T., & **Aston, E. R.** (July 2025). Normative perceptions of peer cannabis demand characteristics. *Talk given at the Research Society on Marijuana, 9th Annual Meeting, Detroit, Michigan.*
81. Metrik, J., Waddell, J. T., Gunn, R. L., Kahler, C. W., **Aston, E. R.**, Swift, R. (June 2026). Unpacking mechanisms of cannabis' complementary and substitution effects on alcohol use. *Talk submitted to the Research Society on Alcohol, 49th Annual Meeting, San Antonio, Texas.*

International

1. **Aston, E. R.**, Cassidy, R. N., MacKillop, J., & Metrik, J. (June 2014). Initial validation of a marijuana purchase task. *Poster presented at the College on Problems of Drug Dependence, 76th Annual Convention, San Juan, Puerto Rico.*
2. Farris, S. G., **Aston, E. R.**, Zvolensky, M. J., Abrantes, A. M., & Metrik, J. (March 2017). Psychopathology and tobacco demand. *Poster presented at the Society for Research on Nicotine & Tobacco, 23rd Annual Meeting, Florence, Italy.*
3. **Aston, E. R.**, Farris, S. G., MacKillop, J., & Metrik, J. (June 2017). Latent factor structure of a behavioral economic marijuana demand curve. *Poster presented at the College on Problems of Drug Dependence, 79th Annual Convention, Montreal, Canada.*
4. Metrik, J., Bassett, S. S., **Aston, E. R.**, Jackson, K., & Borsari, B. (June 2017). Medicinal versus recreational cannabis use among returning veterans. *Poster presented at the College on Problems of Drug Dependence, 79th Annual Convention, Montreal, Canada.*
5. Claborn, K. R., **Aston, E. R.**, Saccoccio, M., & Ramsey, S. (June 2017). Prescribing narcotics and recommending medicinal marijuana as incentives to retain patients in HIV care. *Poster presented at the College on Problems of Drug Dependence, 79th Annual Convention, Montreal, Canada.*
6. Vedelago L., Morris, V., Naish, K., Patel, H., Metrik, J., **Aston, E. R.**, MacKillop, J., & Amlung, M. (February 2018). Comparison of cannabis use patterns, motives, and expectancies among medicinal and recreational users. *Poster presented at the Michael G. DeGroote Centre for Medicinal Cannabis Research Inaugural Conference, Hamilton, Canada.*
7. Morris, V., Patel, H., Vedelago L., Naish, K., Metrik, J., **Aston, E. R.**, MacKillop, J., & Amlung, M. (February 2018). Increased behavioural economic demand for alcohol in co-users of cannabis and alcohol. *Poster presented at the Michael G. DeGroote Centre for Medicinal Cannabis Research Inaugural Conference, Hamilton, Canada.*
8. **Aston, E.R.** & Merrill, J.E. (June 2019). Alcohol demand assessed daily: Validity, variability, and the influence of drinking-related consequences. *Talk given at the 45th annual Alcohol Epidemiology Symposium of the Kettil Bruun Society, Utrecht, Netherlands.*

9. **Aston, E.R.** & Merrill, J.E. (June 2020). The impact of morning alcohol demand on subsequent drinking. *Talk accepted to the 46th annual Alcohol Epidemiology Symposium of the Kettil Bruun Society, Warsaw, Poland. Not presented due to COVID-19.*
10. Metrik, J., Gunn, R. L., **Aston, E. R.**, Swift, R., & Kahler, C. (August 2020). Acute effects of cannabis on alcohol consumption: moderation of effects by cannabis use patterns. *Talk accepted to International Society of Behavioral Medicine, 16th Annual Meeting, Glasgow, Scotland. Not presented due to COVID-19.*
11. Borissova, A., Soni, S., **Aston, E. R.**, Lees, R. H., Petrilli, K., Wall, M. B., Bloomfield, M. A. P, Mertzani, E., Paksina, A., Freeman, T. P., Mokrysz, C., Lawn, W., & Curran, H. V. (July 2022). Age differences in the behavioural economics of cannabis use: Do adolescents and adults differ on demand for cannabis and discounting of future reward? *Poster presented at the British Association for Psychopharmacology, London, England.*
12. Iza-Fernández, C., Alemán-Moussa, L., González-Roz, A., **Aston, E. R.**, & Secades-Villa, R. (October 2023). A longitudinal study of cannabis use in Spanish young adults. *Poster presented at the Innovations in the Science of Cannabis Conference, Hamilton, Canada.*
13. González-Roz, A., Peña-Castillón, I., Iza-Fernández, C., Alemán-Moussa, L., **Aston, E. R.**, & Secades-Villa, R. (October 2023). A latent class analysis of age at substance use initiation in young adults reporting polysubstance use. *Poster presented at the Innovations in the Science of Cannabis Conference, Hamilton, Canada.*
14. Metrik, J., **Aston, E. R.**, Boyle, H. K., Merrill, J. E., & Jackson, K. M. (July 2024). Budtender recommendations of cannabis products for therapeutic and recreational use: A cannabis retailer surveillance study. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
15. Jackson, K. M., Rogers, M. L., **Aston, E. R.**, Yetter, K. M., Merrill, J. E., Boyle, H. K., & Metrik, J. (July 2024). Point-of-sale cannabis marketing: Findings from a direct observation study of recreational cannabis outlets in Massachusetts. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
16. **Aston, E. R.**, *Berey, B. L., Amlung, M., MacKillop, J., & Metrik, J. (July 2024). Leveraging experimental methods to assess cannabis Reinforcer Pathology via smoking topography. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
17. *Berey, B. L., Boyle, H. K., & **Aston, E. R.** (July 2024). Using laboratory-based methods to identify affective and individual-difference predictors of cannabis smoking topography. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
18. Gunn, R. L., **Aston, E. R.**, Artis, L., Nesi, J., & Micalizzi, L. (July 2024). Use of cannabis to manage symptoms of mental health and physical conditions during pregnancy: Analysis of a pro-cannabis pregnancy forum. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
19. Omerjee, F. S., Gunn, R. L., **Aston, E. R.**, Kahler, C. W., & Metrik, J. (July 2024). A prospective examination of cannabis and alcohol use associations during COVID-19 pandemic. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*

20. MacKillop, J., González-Roz, A., Martínez-Loredo, V., **Aston, E. R.**, Metrik, J., Murphy, J., Balodis, I., Secades-Villa, R., & Belisario, K. (July 2024). Cannabis reinforcing value in relation to cannabis use and misuse: A meta-analysis of trait-level cannabis demand and cannabis involvement as measured by a Marijuana Purchase Task. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
21. Amlung, M., Miller, B. P., **Aston, E. R.**, Davis, W., *Berey, B. L., Dowd, A. N., & Spindle, T. R. (July 2024). Laboratory and crowdsourcing studies investigating contextual influences on cannabis demand. *Talk given at the Research Society on Marijuana, 8th Annual Meeting, Toronto, Canada.*
22. González-Roz, A., Secades-Villa, R., Alemán-Moussa, L., Iza-Fernández, C., Coloma-Carmona, A., Carballo-Crespo, J. L., **Aston, E. R.**, & Blanco, C. (September 2024). Differences between young adult users of Cannabidiol (CBD) plus Tetrahydrocannabinol (THC) and users of THC alone in substance use and cannabis-related problems. *Poster presented at the 6th International Socidrogalcohol Congress, Valencia, Spain.*
23. Berey, B. L., **Aston, E. R.** (presenting author), Boyle, H. K., Sokolovsky, A., Miller, M.B., Merrill, J.E. (October 2024). Effects of cannabis use timing and formulation on sleep quality and duration among young adults who report high-intensity alcohol use. *Talk given at the Lisbon Addictions 5th Biennial Conference, Lisbon, Portugal.*
24. Alemán-Moussa, L., González-Roz, A., Iza-Fernández, C., Fernández-Huelga, C., Secades-Villa, R., & **Aston, E. R.** (February 2025). Knowledge and risk perception of medical cannabis among young adult cannabis users: A qualitative analysis using focus groups. *Poster presented at the 5th Annual International Congress of Doctoral Students of the University Miguel Hernández de Elche, Elche, Spain.*
25. Merrill, J. E., Berey, B. L., **Aston, E. R.**, Boyle, H. K., & Belitsos, O. (June 2025). Negative outcomes of impaired control over drinking in daily life. *Talk accepted to the 51st annual Alcohol Epidemiology Symposium of the Kettil Bruun Society, Glasgow, Scotland.*
26. **Aston, E. R.**, Promrat, K., Monti, P. M., Treloar Padovano, H. (June 2025). Alcohol demand is dampened following a brief motivational intervention among heavy-drinking adults with or at risk for alcohol-associated liver disease. *Talk accepted to the 51st annual Alcohol Epidemiology Symposium of the Kettil Bruun Society, Glasgow, Scotland.*
27. **Aston, E. R.** & Cassidy, R. N. (September 2025). Disentangling the reinforcing effects of tobacco and cannabis: Does smoking cannabis in a tobacco wrap differentially impact the relative reinforcing value of cannabis? *Poster accepted to the Annual Society for Research on Nicotine and Tobacco – Europe Conference, Cluj Napoca, Romania.*
28. González-Roz, A., Alemán-Moussa, L., Iza-Fernández, C., Tovar-Velasco, C., **Aston, E. R.**, & Coloma-Carmona, A. (October 2025). Impact of medical cannabis legalization on demand: Empirical evidence from focus group methodology among young cannabis users. *Poster accepted to the 7th International Socidrogalcohol Congress, Ourense, Spain.*
29. González-Roz, A., Amlung, M., Alemán-Moussa, L., & **Aston, E. R.** (November 2025). When price goes up, the illicit market becomes attractive: Substitution patterns between legal and illegal recreational cannabis among current and former smokers. *Poster presented*

at the 5th International Scientific Congress on the Prevention, Treatment and Control of Cannabis Use, Sevilla, Spain.

30. Alemán-Moussa, L., González-Roz, A., Iza-Fernández, C., Krotter, A., Fernández-Huelga, C., & **Aston, E. R.** (November 2025). Recreational cannabis demand among young people in a hypothetical context of legalization in Spain: A qualitative analysis using focus groups. *Poster presented at the 5th International Scientific Congress on the Prevention, Treatment and Control of Cannabis Use, Sevilla, Spain.*
31. Merrill, J. E., **Aston, E. R.**, Maloney, M., Strowger, M., Johnson, S., & Pettigrew, S. (April 2026). Perceptions of standard drink and low risk drinking guidelines among young adults in the United States. *Poster accepted to the 8th Global Alcohol Policy Conference, Rio de Janeiro, Brazil.*
32. **Aston, E. R.**, Philippopoulos, A., Micalizzi, L., & Gunn, R. L. (May 2026). A qualitative analysis of legal considerations surrounding prenatal cannabis use. *Talk submitted to the 38th Association for Psychological Science Annual Convention, Barcelona, Spain.*

GRANTS

Current Grants

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| <p>R01AA029711 (Metrik)
NIAAA
<i>Cannabis' Impact on Alcohol Consumption: Integrating Laboratory and Ecological Momentary Assessment Methods</i>
Role: Co-Investigator</p> | <p>4/1/2022-3/31/2027</p> |
| <p>R01DA053087 (Jackson, Metrik)
NIDA
<i>A multi-method investigation of cannabis messaging: Characterizing source, content, and associations with cannabis consumption</i>
Role: Co-Investigator</p> | <p>7/15/2022-7/14/2027</p> |
| <p>R16GM145553 (Pulvers)
NIDA
<i>Behavioral economic demand for cannabis and tobacco among young adults</i>
Role: Consultant</p> | <p>8/1/2022-3/31/2026</p> |
| <p>R01DA055600 (Treloar Padovano)
NIDA
<i>Sensitivity to cannabis effects and cue reactivity as markers of a developing disorder in adolescents</i>
Role: Co-Investigator</p> | <p>5/15/2023-2/28/2028</p> |
| <p>R01DA055654 (Metrik)
NIDA
<i>Individual, contextual, and geospatial influences on decisions to drive under the influence of cannabis</i>
Role: Co-Investigator</p> | <p>8/1/2023-7/31/2028</p> |

1IK2CX002645 (Berey) 10/1/2023-9/30/2028
Department of Veterans Affairs
Applying mixed methods to identify links between cannabis use and sleep behaviors with ramifications for veterans' clinical health outcomes
Role: Consultant

R01DA058041 (Aston) 7/15/2024-3/31/2029
NIDA
Using behavioral economic domains to characterize cannabis use trajectories among young adults: A prospective mixed-methods investigation
Role: Principal Investigator

R01CA289409 (Aston, Cassidy) 12/1/2024-11/30/2028
NCI
Using novel behavioral economic measures to characterize dual marijuana and tobacco use in young adults
Role: Multi-Principal Investigator

Seed Award (PI: Merrill) 6/1/2025-5/31/2026
Office of VP for Research, Brown University
Labeling alcohol products with standard drinks and low risk drinking guidelines: Testing impacts of repeated exposure in daily life
Role: Co-Investigator

Research Excellence Award (MPI: Howe, Gunn, Aston) 8/6/2025-8/5/2026
Brown University Center for Alcohol and Addiction Studies
Perinatal Lifestyle Attitudes and Norms (PLAN)
Role: Multi-Principal Investigator

Grants Under Review

R01DA (Aston, Merrill) 12/1/2026-11/31/2031
NIDA
Use and consequences of novel formulations of cannabis in daily life and over time
Role: Multi-Principal Investigator
Submitted February 2026

R01AA032818 (Aston, Merrill) 7/1/2026-6/30/2031
NIAAA
A comprehensive examination of predictors and consequences of impaired control over drinking using combined laboratory, longitudinal, and ecological momentary assessments
Role: Multi-Principal Investigator
Resubmitted November 2025

R21AA032562 (Merrill) 7/1/2026-6/30/2028
NIAAA
Labeling alcohol products with standard drinks and low risk drinking guidelines: Testing impacts of repeated exposure in daily life
Role: Co-Investigator
Resubmitted November 2025

K99DA065801 (Howe) 4/1/2026-3/31/2031
NIAAA

Perinatal negative affect and return to cannabis use in postpartum: A mixed-methods national study

Role: Co-Mentor

Submitted June 2025

Completed Grants

Research Excellence Award (MPI: Aston, Cassidy) 8/15/2017-8/15/2019
 Brown University Center for Alcohol and Addiction Studies
Effects of Cannabis on Cigarette Demand in Adolescent Dual Users
 Role: Multi-Principal Investigator

Salomon Award (MPI: Aston, Farris) 4/30/2018-4/29/2020
 Brown University
Marijuana Vaporization: An Ecological Momentary Assessment Pilot Study
 Role: Multi-Principal Investigator

K01DA039311 (PI: Aston) 5/1/2015-3/31/2021
 NIDA
Behavioral Economic Analysis of Demand for Marijuana
 Role: Principal Investigator

Research Excellence Award (MPI: Metrik, Gunn, Aston) 12/11/2020-12/10/2021
 Brown University Center for Alcohol and Addiction Studies
Geographically Explicit Momentary Assessment to Detect Driving Under the Influence of Cannabis
 Role: Multi-Principal Investigator

R01AA024091 (PI: Metrik) 6/1/2016-5/31/2022
 NIAAA
Marijuana's Impact on Alcohol Motivation and Consumption
 Role: Co-Investigator

Research Excellence Award (MPI: Berey, Aston) 1/5/2021-1/4/2023
 Brown University Center for Alcohol and Addiction Studies
Development of Methods and Measures to Investigate the Influence of Cannabis Use on Sleep Quality at the Daily Level
 Role: Multi-Principal Investigator

2022I002 (González-Roz) 1/1/2023-12/31/2023
 Government Delegation of the National Plan on Drugs (Spanish Ministry of Health)
Impacts of cannabis use regulation in adolescents and young adults: a multicentric study and a proposal of a smartphone selective prevention program (CANQUIT)
 Role: Consultant

P20GM130414: CADRE (Monti) 8/1/2019-7/31/2024
 NIGMS
Impact of Acute Cannabis Administration on Pain Symptomology and Inflammatory Markers among Patients with Rheumatoid Arthritis
 Role: Project Leader

UNIVERSITY TEACHING AND MENTORING ROLES**Courses Taught**

2013	Instructor	<i>Drug Abuse Workshop</i> , Physical Therapy DPT Program, Winston-Salem State University
2014	Instructor	<i>Psychology of Criminal Behavior</i> , Summer@Brown Program, Brown University
2014 - 2015	Instructor	<i>Project FREE Smoking Cessation Study Health Education Sessions</i> , Butler Hospital
2018, 2019	Instructor	<i>Introduction to Biopsychology and Neuroscience</i> , Summer@Brown Program, Brown University
2020 - 2024	Instructor	<i>Responsible Conduct of Research</i> , School of Public Health, Brown University
2021	Instructor	<i>Cannabis Use</i> , Independent Study (PHP 2980), Holly Boyle

Guest Lectures

2011	Guest Lecture	<i>Autonomic nervous system</i> , Physiology Block, Physical Therapy DPT Program, Winston-Salem State University
2011	Guest Lecture	<i>Autonomic dysreflexia simulation</i> , Physiology Block, Physical Therapy DPT Program, Winston-Salem State University
2012	Guest Lecture	<i>Neuronal components, action potentials, and synaptic transmission</i> , Physiology Block, Physical Therapy DPT Program, Winston-Salem State University
2012	Guest Lecture	<i>Sedative hypnotics, anti-anxiety drugs, and treating depression and bipolar disorders</i> , Pharmacology Block, Physical Therapy DPT Program, Winston-Salem State University
2016	Guest Lecture	<i>Methods, study design, and data analysis</i> , Research Grant Writing for Public Health, School of Public Health, Brown University
2017	Guest Lecture	<i>Behavioral economics: A tool to understand development of the use and abuse of substances</i> , Etiology of Substance Use Disorders, Center for Alcohol and Addiction Studies, Brown University
2017	Guest Lecture	<i>Psychological disorders</i> , The Mind, Brain, and Behavior, Summer@Brown Program, Brown University
2017	Guest Lecture	<i>Ethics: Intellectual Properties</i> . T32 Postdoctoral Fellowship Training Program Seminar, Brown University
2018	Guest Lecture	<i>Using qualitative methods in measure development: Assessing behavioral economic demand for marijuana</i> , Novel Research in Clinical and Health Psychology, The Rutgers University
2019	Guest Lecture	<i>Methods, study design, and data analysis</i> , Research Grant Writing for Public Health, School of Public Health, Brown University
2019	Guest Lecture	<i>Recreational and medical marijuana use: Shifts in norms and policy</i> , Public Health Senior Seminar, School of Public Health,

2019	Guest Lecture	Brown University <i>Behavioral economics: A tool to understand development of the use and abuse of substances</i> , Etiology of Substance Use Disorders, Center for Alcohol and Addiction Studies, Brown University
2019	Guest Lecture	<i>Psychological disorders</i> , The Mind, Brain, and Behavior, Summer@Brown Program, Brown University
2020	Guest Lecture	<i>Recreational and medical marijuana use: Shifts in norms and policy</i> , Public Health Senior Seminar, School of Public Health, Brown University
2020	Guest Lecture	<i>Marijuana use, effects, and public health implications</i> , Special Topics on Substance Use and Misuse, School of Public Health, Brown University
2021	Guest Lecture	<i>How do non-genetic biological factors contribute to the development of alcohol use disorders?</i> Alcohol Use & Misuse, School of Public Health, Brown University
2022	Guest Lecture	<i>Ethics: Authorship</i> , T32 Postdoctoral Fellowship Training Program Seminar, Brown University
2022	Guest Lecture	<i>Behavioral economic demand: Tools to understand the progression and escalation of substance use</i> , Substance Use and Vulnerability to Addiction, School of Public Health, Brown University
2022	Guest Lecture	<i>Qualitative Research to Guide Treatment Development</i> , Treatment of Substance Use Disorders, Center for Alcohol and Addiction Studies, Brown University
2024	Guest Lecture	<i>Ethics: Authorship</i> , T32 Postdoctoral Fellowship Training Program Seminar, Brown University
2024	Guest Lecture	<i>Qualitative Research to Guide Treatment Development</i> , Treatment of Substance Use Disorders, Center for Alcohol and Addiction Studies, Brown University

Thesis/Dissertation Advisement

2017 - 2018	Master's Thesis Committee	Master's thesis, Department of Behavioral and Social Health Sciences, Brown University, <i>Rachel Souza</i>
2017 - 2018	Primary Thesis Advisor	Master's thesis, School of Public Health, Brown University, <i>Alana Mercurio</i>
2019 - 2020	Honor's Thesis Secondary Advisor	Honor's Thesis, School of Public Health, Brown University, <i>Dana Rubenstein</i>
2019 - 2020	Primary Thesis Advisor	Master's thesis, Department of Behavioral and Social Health Sciences, Brown University, <i>Jacqueline Smith</i>
2019 - 2023	Master's Thesis Committee	Master's thesis, School of Public Health, Brown University, <i>Lindsey Krill</i>
2022 - 2024	Primary Thesis Advisor	Master's thesis, School of Public Health, Brown University, <i>Jeffrey White</i>
2021 -	Dissertation Committee	Dissertation, Clinical Psychology, Department of Psychology & Neuroscience, Rutgers, The State University of New Jersey, <i>Jacqueline Smith</i>

2024 -	Dissertation Committee	Dissertation, Clinical Psychology, Department of Psychology, University of Central Florida, <i>Tatiana Magri</i>
2024 -	Dissertation Committee	Dissertation, Clinical Psychology, Cofrin Logan Center for Addiction Research and Treatment, The University of Kansas, <i>Lex L'Insalata</i>

Other Mentorship

2020 - 2023	Postdoctoral Mentor	Center for Alcohol and Addiction Studies Postdoctoral Fellow, Brown University, <i>Benjamin Berey</i>
2020 - 2021	AACN NIDA Mentor	American Association of Colleges of Nursing (AACN) National Institute on Drug Abuse (NIDA) Program, Florida Atlantic University, <i>Armiel Suriaga</i>
2022 - 2023	Consultant	Society for the Advancement of Behavior Analysis Innovative Student Research Grant, The University of Kansas, <i>Brandon Miller</i>
2022 - 2024	Health Equity Scholar Research Assistantship Placement Supervisor	School of Public Health, Brown University, <i>Jeffrey White</i>
Spring 2025	Research Mentor	Undergraduate Teaching and Research Award (UTRA), Brown University, <i>Jennifer Gonzalez Flores</i>
Summer 2025	Research Mentor	UTRA, Brown University, <i>Alexander Fontecchio</i>
Summer 2025	Research Mentor	UTRA, Brown University, <i>Filip Kaminski</i>
Fall 2025	Research Mentor	UTRA, Brown University, <i>Ina Ma</i>
Fall 2025	Research Mentor	UTRA, Brown University, <i>Kate Zhang</i>
Fall 2025	Research Mentor	UTRA, Brown University, <i>Nicolas Huang</i>