

**CURRICULUM VITAE
RACHEL LYN GUNN**

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CURRICULUM VITAE
RACHEL LYN GUNN, Ph.D.

PERSONAL INFORMATION

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EDUCATION

2010 B.A., Psychology, Dean's List
University of Kentucky
2017 Ph.D., Clinical Science
Indiana University- Bloomington
2016-2017 Clinical Psychology Resident
Clinical Psychology Training Consortium, Warren Alpert Medical School of Brown
University
2017-2019 Postdoctoral Research Fellow, NIAAA T32 AA07459, Center for Alcohol and
Addiction Studies (CAAS), Department of Behavioral and Social Sciences, Brown
University

ACADEMIC APPOINTMENTS

2024- present Associate Professor, Department of Behavioral and Social Sciences, Brown
University (Primary Appointment)
Associate Professor, Department of Psychiatry and Human Behavior, Alpert
Medical School, Brown University (Secondary Appointment)
2019-2024 Assistant Professor, Department of Behavioral and Social Sciences, Brown
University (Primary Appointment)
Assistant Professor, Department of Psychiatry and Human Behavior, Alpert
Medical School, Brown University (Secondary Appointment)

PROFESSIONAL LICENSES AND CERTIFICATIONS

2019- present Clinical Psychologist, Rhode Island Department of Health, License No. PS01818

HONORS AND AWARDS

2015-2016 Mabel LaDuke Lauder Dissertation Year Research Fellowship, Indiana University
College of Arts & Sciences
2018-2019 Research Society on Alcoholism, Junior Investigator Award, Awarded annually
2019 Collaborative Perspectives on Addiction Postdoctoral Fellow Travel Award, APA
Division 50
2019 American Psychological Association Early Stage Investigator Travel Award
APA Division 28, & APA Division 50 (R13AA022858)
2020 Senior Scholar, Alcohol Medical Scholars Program, Director: Marc Schuckit, MD
2020 Collaborative Perspectives on Addiction Early Career Registration Award, APA
Division 50

MEMBERSHIP IN SOCIETIES

- 2010- present Research Society on Alcohol
- 2018- present College on Problems of Drug Dependence
- 2018- present American Psychological Association
Division 50: Society of Addiction Psychology
- 2021-present Research Society on Marijuana
- 2022-present Society for Ambulatory Assessment

DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

- 2015-2016 *Clinical Science Student Representative*, Department of Psychological & Brain Sciences, Indiana University- Bloomington
- 2018- Center for Alcohol and Addiction Studies Rounds Committee, Brown University, *Member*
- 2019- Center for Alcohol and Addiction Studies Rounds Committee, Brown University, *Chair/ Co-Chair*
- 2019- 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*
- 2022- Department of Psychiatry and Human Behavior, Alpert Medical School, Psychology Resident Admissions Committee, *Member*
- 2023 - Research Excellence Program Committee, Center for Alcohol and Addiction Studies, *Member*

NATIONAL OR INTERNATIONAL SERVICE

Grant and Conference Review Boards

- 2019 Society of Addiction Psychology (American Psychological Association Division 50) Early Career Psychologist Research, *Grant Reviewer*
- 2019-2020 Society of Addiction Psychology (American Psychological Association Division 50) *Meeting Abstract Reviewer*
- 2023 Providence/Boston Center for Aids Research (CFAR) Developmental Awards, *Grant Reviewer*
- 2024 French National Cancer Institute, Addictive Behaviors and Drugs Section, *Grant Reviewer*
- 2024 Society of Addiction Psychology (American Psychological Association Division 50) Student Research, *Grant Reviewer*

Editorial Responsibilities

- Editorial Board, Consulting Editor, *Cannabis* 2021-present
- Editorial Board, *Frontiers in Addictive Disorders*, a specialty section of *Frontiers in Psychiatry* 2022-present
- Ad hoc reviewer:

Addiction, Addictive Behaviors, Alcoholism: Clinical & Experimental Research, Development and Psychopathology, Drug and Alcohol Dependence, International Journal of Environmental Research and Public Health, Journal of American College Health, Journal of Family Studies, Journal of Medical Internet Research, Journal of Personality Assessment, Journal of Studies

on Alcohol and Drugs, PLOS One, Prevention Science, Psychology of Addictive Behaviors, Substance Use and Misuse, Traffic Injury Prevention.

National Mentorship

- 2023- Enhancing Diversity in Alcohol Research (EDAR) Program, *Mentor*
2023- Research Society on Alcohol Mentorship Program, *Mentor*

PUBLICATIONS IN PEER-REVIEWED JOURNALS

*Denotes mentee

1. Giancola, P. R., Josephs, R. A., Dewall, C. N., and **Gunn, R. L.** (2009). Applying the attention-allocation model to the explanation of alcohol-related aggression: Implications for prevention. *Substance Use & Misuse*, *44*, 1263-1279. PMID: PMC2784922.
2. **Gunn, R. L.**, & Smith, G. T. (2010). Risk factors for elementary school drinking: Pubertal status, personality, and alcohol expectancies concurrently predict 5th grade alcohol consumption. *Psychology of Addictive Behaviors*, *24(4)*, 617-627. PMID: PMC3015015.
3. Settles, R. E., Fischer, S., Cyders, M.A., Combs, J. L., **Gunn, R. L.**, & Smith, G. T. (2011). Negative urgency: A personality predictor of externalizing behavior characterized by neuroticism, low conscientiousness, and disagreeableness. *Journal of Abnormal Psychology*. *121(1)*, 160-172. PMID: PMC3299541.
4. Duke, A., Giancola, P.R., Morris, D.H., Holt, J.C.D., & **Gunn, R.L.** (2011). Alcohol dose and aggression: Another reason why drinking more is a bad idea. *Journal of Studies on Alcohol and Drugs*, *72*, 34-43. PMID: PMC3001679.
5. Fischer, S., Settles, R. E., Collins, B., **Gunn, R. L.**, & Smith, G. T. (2012). The role of negative urgency and expectancies in problem drinking and disordered eating: Testing a model of co-morbidity in pathological and at-risk samples. *Psychology of Addictive Behaviors*, *26(1)*, 112-123. PMID: PMC3954822.
6. **Gunn, R.L.** & Finn, P.R. (2013). Impulsivity partially mediates the association between reduced working memory capacity and alcohol problems. *Alcohol*, *47(1)*, 3-8. PMID: PMC3545083.
7. **Gunn, R.L.**, Endres, M.J., Gerst, K., Spinola, S., & Finn, P.R. (2013). Dimensions of disinhibited personality and their relation with alcohol use and problems. *Addictive Behaviors*, *38*, 2352-2360. PMID: PMC3634904.
8. Finn, P.R., **Gunn, R.L.**, & Gerst, K.R. (2014). The effects of a working memory load on delay discounting in those with externalizing psychopathology. *Clinical Psychological Science*, *3(2)*, 202-214. PMID: PMC4399809.
9. **Gunn, R.L.** & Finn, P.R. (2015). Applying a dual process model of self-regulation: The association between executive working memory capacity, negative urgency, and negative mood

induction on pre-potent response inhibition. *Personality and Individual Differences*, 75, 210-215. PMID: PMC4269241.

10. Dai, J., **Gunn, R.L.**, Gerst, K.R., Busemeyer, J.R., & Finn, P.R. (2016). A random utility model of delay discounting and its application to people with externalizing psychopathology. *Psychological Assessment*, 28(10), 1198-1206. PMID: PMC4877297.

11. **Gunn, R.L.**, Skalski, L., & Metrik, J. (2017). Expectancy of impairment attenuates marijuana-induced risk taking. *Drug and Alcohol Dependence*, 178, 39-42. PMID: PMC5796549.

12. Skalski, L., **Gunn, R.L.**, Caswell, A., Maisto, S., & Metrik, J. (2017). Sex-related marijuana expectancies as predictors of sexual risk behavior following smoked marijuana challenge. *Experimental and Clinical Psychopharmacology*, 25(5), 402-411. PMID: PMC5657572.

13. Gerst, K.R., **Gunn, R.L.**, & Finn, P.R. (2017). Delay discounting of losses in alcohol use disorders and antisocial psychopathology: Effects of a working memory load. *Alcoholism: Clinical and Experimental Research*, 41(10), 1768-1774. PMID: PMC5626637.

14. Lechner, W.V., **Gunn, R.L.**, Minto, A., Philip, N.S., Brown, R.A., Uebelacker, L.A., Price, L.H., Abrantes, A.M. (2017). Effects of negative affect, urge to smoke, and working memory performance (n-back) on nicotine dependence. *Substance Use and Misuse*. 1-7. PMID: 29185837.

15. **Gunn, R.L.**, Gerst, K.R., & Finn, P.R. (2018). The effects of working memory load and attention refocusing on delay discounting rates in alcohol dependence with comorbid antisocial problems. *Alcohol*, 66, 9-14. PMID: PMC5745805.

16. Metrik, J., **Gunn, R.L.**, Jackson, K., & Borsari, B. (2018). Daily patterns of marijuana and alcohol co-use in individuals with and without the diagnoses of alcohol and cannabis use disorders. *Alcoholism: Clinical and Experimental Research*, 42(6), 1096-110. PMID: PMC5984172.

17. **Gunn, R.L.**, Jackson, K.M., Borsari, B., & Metrik, J. (2018). Negative urgency partially accounts for the relationship between major depressive disorder and marijuana problems. *Borderline Personality Disorder and Emotion Dysregulation*, 5(1), 10. PMID: PMC5956924.

18. **Gunn, R.L.**, Norris, A. L., Sokolovsky, A., Micalizzi, L., Merrill, J.E., & Barnett, N.P. (2018). Marijuana use is associated with alcohol use and consequences across the first two years of college. *Psychology of Addictive Behaviors*. 32(8), 885-894. PMID: PMC6296897.

19. **Gunn, R.L.**, Gerst, K.R., Wiemers, E.A., Redick, T.S., & Finn, P.R. (2018). Predictors of effective working memory training in those with alcohol use disorders. *Alcoholism: Clinical and Experimental Research*, 42(12), 2432-2441. PMID: PMC6286203.

20. **Gunn, R.L.**, Jackson, K.M., Borsari, B., & Metrik, J. (2019). A longitudinal examination of daily patterns of cannabis and alcohol co-use among medicinal and recreational cannabis users. *Drug and Alcohol Dependence*, 205:107661. PMID: PMC6894416.
21. Jackson, K. M., Sokolovsky, A. W., **Gunn, R.L.**, & White, H. R. (2020). Consequences of alcohol and marijuana use among college students: Prevalence rates and attributions to substance-specific versus simultaneous use. *Psychology of Addictive Behaviors*, 34(2), 370-381.
22. **Gunn, R.L.**, Stevens, A., Micalizzi, L., Jackson, K.J., Borsari, B., Metrik, J. (2020). Longitudinal associations between negative urgency, depression, and cannabis or alcohol use in veterans. *Experimental and Clinical Psychopharmacology*, 28(4), 426–437.
23. **Gunn, R.L.**, Aston, E. R., Sokolovsky, A., White, H.R., & Jackson, K.M. (2020). Complex cannabis use patterns: Associations with cannabis consequences and problematic use. *Addictive Behaviors*, 105, 106329.
24. Sokolovsky, A., **Gunn, R.L.**, Micalizzi, L., White, H., & Jackson, K. M. (2020). Alcohol and marijuana co-use: consequences, subjective intoxication, and the operationalization of simultaneous use. *Drug and Alcohol Dependence*, 107986.
25. Metrik, J., Stevens, A., **Gunn, R.L.**, Borsari, B., & Jackson, K. M. (2020). Cannabis use and Posttraumatic stress disorder: prospective evidence from a longitudinal study of veterans. *Psychological Medicine*, 1-11.
26. Stevens, A.K., **Gunn R.L.**, Jackson, K.M., Borsari, B., Metrik, J. (2021). Examining motivational pathways from adult attention-deficit/hyperactivity disorder symptoms to cannabis use: Results from a prospective study of veterans. *Psychology of Addictive Behaviors*, 1, 16-28.
27. **Gunn, R.L.**, Sokolovsky, A.W., Stevens, A.K., Metrik, J., White, H.R., & Jackson, K.M. (2021). Ordering in alcohol and cannabis co-use: Impact on daily consumption and consequences. *Drug and Alcohol Dependence*, 218, 108339.
28. Stevens, A. K., Aston, E. R., **Gunn, R. L.**, Sokolovsky, A. W., Treloar Padovano, H., White, H. R., & Jackson, K. M. (2021). Does the combination matter? Examining the influence of alcohol and cannabis product combinations on use and consequences in daily life. *Alcoholism: Clinical and Experimental Research*, 45(1), 181-193.
29. Waddell, J.T., **Gunn, R.L.**, Corbin, W. R., Borsari, B., & Metrik, J. (2021). Drinking less on cannabis use days: The moderating role of UPPS-P impulsive personality traits. *Psychology of Addictive Behaviors*, 35(6), 737-748.
30. **Gunn, R.L.**, Sokolovsky, A.W., Stevens, A.K., Hayes, K., Fitzpatrick, S., White, H. R., Jackson, K.M. (2021). Contextual influences on simultaneous alcohol and cannabis use in a predominately white sample of college students. *Psychology of Addictive Behaviors*, 35(6), 691-697.

31. Stevens, A. K., **Gunn, R. L.**, Sokolovsky, A. W., Colby, S., & Jackson, K. M. (2021). Examining the heterogeneity of polysubstance use patterns in young adulthood by age and college attendance. *Experimental and Clinical Psychopharmacology*, *30*(5), 701-713.
32. Boyle, H.K, **Gunn, R.L.**, López, G., Fox, O.S., & Merrill, J.E. (2021). Qualitative Examination of simultaneous alcohol and cannabis use reasons, evaluations, and patterns among heavy drinking young adults. *Psychology of Addictive Behaviors*, *35*(6), 638-649.
33. **Gunn, R.L.**, Steingrimsson, J.A., Merrill, J., Souza, T., Barnett, N.P. (2021). Characterizing patterns of alcohol use among heavy drinkers: A cluster analysis utilizing alcohol biosensor data. *Drug and Alcohol Review*, *40*, 1155-1164.
34. Stevens, A.K., Blanchard, B., Sokolovsky, A.W., **Gunn, R.L.**, White, H.R., Jackson, K.M. (2021). Forgoing plans for alcohol and cannabis use in daily life: What are the reasons for non-use when use was planned? *Alcoholism: Clinical and Experimental Research*, *45*(10), 2167-2178.
35. **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), 04.
36. Micalizzi, L., Sokolovsky, A.W., Delaney, D.J., **Gunn, R.L.**, Hernandez, L., Kemp, K., Spirito, A., & Stein, L.A.R. (2022). A psychometric assessment of the brief situational confidence questionnaire for cannabis (BSCQ-C) in juvenile justice-involved youth. *Addictive Behaviors*, *125*, 107154.
37. Merrill, J.E., **Gunn, R.L.**, Neary, A., Souza, T., & Barnett, N.P. (2022). Feasibility and acceptability of using a wrist-worn transdermal alcohol biosensor to collect data in the field. *Proceedings of the 55th Hawaii International Conference on System Sciences*, <http://hdl.handle.net/10125/79824>. *Nominated for best paper award in the Information Technology in Healthcare Track.*
38. Stevens, A.K., **Gunn, R.L.**, Boyle, H.K., White, H.R., Jackson, K.M. (2022). Unplanned vs. planned simultaneous alcohol and cannabis use in the daily lives of a predominantly White college student sample: What are the motives, contexts, and outcomes? *Psychology of Addictive Behaviors*, *36*(3), 243-253.
39. Kearns, N.T., **Gunn, R.L.**, Stevens, A.K., Berey, B., Metrik, J. (2022). Longitudinal associations between impulsivity and alcohol and cannabis use frequency, quantity, and problems among military veterans. *Psychology of Addictive Behaviors*, *36*(7), 762.
40. Finn, P.R., Nemes, L., Bailey, A., **Gunn, R.L.**, Wiemers, E.A., & Redick, T.S. (2022). Effects of working memory versus adaptive control training on executive function. *Journal of Cognitive Enhancement*, *6*(3), 327-339.

41. **Gunn, R.L.**, Sokolovsky, A.W., Drohan, M.M., Boyle, H., Stevens, A.K., White, H.R., Jackson, K.M. (2022). The role of alcohol and cannabis co-use in drinking rate and its impact on consequences. *Alcoholism: Clinical and Experimental Research*, 46(11), 2110-2120.
42. Drohan, M.M., Stevens, A.K., **Gunn, R.L.**, Sokolovsky, A.W., White, H.R., Jackson, K.M. (2022). Acute Consequences Associated with Co-use of Alcohol and Cannabis: A Daily Survey Analysis. *Journal of Studies on Alcohol and Drugs*, 84(2), 208-213.
43. Sujan, A.C., Alexeeff, S.E., Slama, N., Goler, N., Avalos, L.A, Adams, S.R., Conway, A., Ansley, D., Pal, A., **Gunn, R.L.**, Micalizzi, L., Young-Wolff, K.C. (2023). Agreement between self-reports and urine toxicology measures of illicit stimulant use during early pregnancy. *Journal of Addiction Medicine*, 10-1097.
44. McCarty, K., Stevens, A.K., **Gunn, R.L.**, Borsari, B., & Metrik, J. (2023). Prospective mediation of the effects of anxiety sensitivity and distress intolerance on alcohol and cannabis involvement via depressive symptoms in veterans. *Journal of Studies on Alcohol and Drugs*.
45. **Gunn, R.L.**, Merrill, J.E., Haines, A.M., Fernandez, M.E.*, Souza, T., Berey, B., Leeman, R.F., Wang, Y., Barnett, N. (2023). Use of the BACtrack Skyn alcohol biosensor: Practical applications for data collection and analysis. *Addiction*, 118(8), 1586-1595.
46. Sokolovsky, A.W., Price, D., **Gunn, R.L.**, White, H.R., Jackson, K.M. (2023). Associations of daily alcohol, cannabis, combustible tobacco, and e-cigarette use with same-day co-use and poly-use of the other substances. *Drug and Alcohol Dependence*, 251, 110922.
47. Gette, J., Sokolovsky, A.W., **Gunn, R.L.**, Boyle, H.K., Jackson, K.M., White, H.R. (in press). Latent classes of simultaneous alcohol and cannabis use and associations with consequences using daily data. *Cannabis*, 6(4), 33-48.
48. Micalizzi, L., Aston, E.R., Nesi, J., Price, D., **Gunn, R.L.** (in press). “Whenever I feel guilty I just go back to this group”: A qualitative analysis of a public perinatal cannabis use discussion forum. *Journal of Studies on Alcohol and Drugs*. 85(2), 210-217.
49. Pedersen, E.R., Prince, M.A., Fitzke, R.E., Atieh, T., Tran, D.D., Davis, J.P., **Gunn, R.L.**, Micalizzi, L., Hummer, J. (in press). Order in cannabis and alcohol use on pregameing and non-pregameing days among college students. *Journal of Studies on Alcohol and Drugs*.
50. Sokolovsky, A.W., **Gunn, R.L.**, Wycoff, A., Boyle, H.B., White, H.R., Jackson, K.M. (in press). Compliance and Response Consistency in a Lengthy Intensive Longitudinal Data Protocol. *Psychological Assessment*.
51. **Gunn, R.L.**, Metrik, J.M., Barnett, N.P., Jackson, K.M., Lipperman-Kreda, S., Miranda, R.M., Trull, T., Fernandez, M.E. (in press). Examining the Impact of Simultaneous Alcohol and Cannabis Use on Alcohol Consumption and Consequences: Protocol for an Observational Ambulatory Assessment Study in Young Adults. *Journal of Medical Internet Research: Research Protocols*. doi:10.2196/58685

BOOKS AND BOOK CHAPTERS

Gunn, R.L., Gerst, K.R., & Fridberg, D.J. (2019). Aggression and Substance Use Disorders. In Coccaro, E & McCloskey, M. (Eds.), *Aggression: Clinical Features and Treatment Across the Diagnostic Spectrum*. American Psychiatric Association.

MANUSCRIPTS UNDER REVIEW

1. Berey, B., **Gunn, R.L.**, Aston, E.R., Borsari, B., Metrik, J. (Submitted 9/2023). *A Prospective Examination of the Acquired Preparedness Model for Alcohol and Cannabis Use in Veterans*.

INVITED PRESENTATIONS

Local

1. **Gunn, R.L.** (2016, October). *Executive Cognitive Functioning in Substance Use Disorders*. Presented in Addiction Seminar, Collaborative Addiction and Recovery Services, Veterans Administration Medical Center, Providence, RI.
2. **Gunn, R.L.** & Metrik, J. (2017, October). *Marijuana Use, Effects, and Public Health Implications*. Invited presenter at RI Family Court Conference, *The Changing Landscape of Marijuana in Schools, Courts, and the Community*, Providence, RI.
3. Barnett N.P., **Gunn R.L.** (2018, May). *Examination of the relationship of alcohol to sexual craving and arousal in naturalistic settings: Feasibility and results*. Presented at the Annual Providence/Boston CFAR Research Forum, Boston University, Boston, MA.
4. **Gunn, R.L.** (2023, March). *Alcohol and Cannabis Co-use: Antecedents, Patterns, and Consequences*. Presented at the Center for Alcohol and Addiction Studies (CAAS) Rounds.

National

1. **Gunn, R.L.** (2020, December). *Alcohol and Cannabis Co-use: Prevalence, Acute Effects, and Etiology*. Presented virtually to the T32 Fellowship program at the Prevention Research Center, Berkeley, CA.
2. **Gunn, R.L.** (2023, April). *Impact of Cannabis Use on Alcohol Outcomes*. Presented to Health Research on Cannabis Webinar, Hosted by the Society for Health Psychology (APA Division 38) Health Research Council and Society for Clinical Psychology (APA Division 12).

OTHER PRESENTATIONS

Local

1. Fernandez, M. E.*, Micalizzi, L., Aston, E. R., Nesi, J., **Gunn, R.L.** (October, 2022). *Emotions surrounding prenatal cannabis use: A qualitative analysis of a public prenatal cannabis use discussion forum*. Presented to the Research Assistant Research Day, Department of Psychiatry and Human Behavior, Brown University, Virtual.
2. Ali, A.*, **Gunn, R.L.** (March, 2024). *Discrimination and CU motives and their relation to CU Frequency*. Poster presented for the Center for Alcohol and Addiction Studies Staff Research Day, School of Public Health, Brown University.

3. Dotson, M.*, **Gunn, R.L.** (March, 2024). *Attitudes Towards Consumption and Use of Biosensors to Assess Drinking Habits*. Poster accepted for the Center for Alcohol and Addiction Studies Staff Research Day, School of Public Health, Brown University.
4. Howe, L.K.* , Boyle, H.K., Metrik, J., **Gunn, R.L.** (March, 2024). *Outcomes and Consequences of Planned vs. Unplanned Alcohol and Cannabis Use*. Poster presented at the Annual Mind Brain Research Day, Department of Psychiatry and Human Behavior, Brown University.

National

1. Gerst, K.R., **Gunn, R.L.**, & Finn, P.R. (2016, June). *Delay discounting of rewards in those with alcohol dependence: Within subject effects of a working memory load*. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
2. **Gunn, R.L.**, Gerst, K.R., & Finn, P.R. (2016, June). *Examining the efficacy of working memory training in those with alcohol use disorders*. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
3. Gerst, K.R., **Gunn, R.L.**, Redick, T.R. & Finn, P.R. (2017, June). *Moderate and far transfer effects of working memory training in those with Alcohol Use Disorders: A Preliminary Analysis*. Poster presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.
4. **Gunn, R.L.**, Gerst, K.R., & Finn, P.R. (2017, June). *Predictors of effective working memory training in those with alcohol use disorders*. Poster presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.
5. **Gunn, R.L.**, Jackson, K.M., Borsari, B., & Metrik, J. (2018, June). *Negative urgency mediates the relationship between depression and marijuana problems*. Poster presented at the annual meeting of the College of Problems on Drug Dependence, San Diego, CA.
6. **Gunn, R.L.**, Jackson, K.M., Borsari, B., & Metrik, J. (2018, June). *Distress Tolerance moderates daily patterns of marijuana and alcohol co-use*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
7. Norris, A.L., Carey, K.B., **Gunn, R.L.**, Carey, M.P. (2018, June). *Sexual assault revictimization in college women: Mediation analyses testing hypothesized mechanisms*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
8. Stevens, A. K., **Gunn, R. L.**, Jackson, K. L., Borsari, B., & Metrik, J. (2019, April). *Examining motivational pathways from ADHD to cannabis use: Results from a prospective study of veterans*. Poster presented at the annual meeting of the Collaborative Perspectives on Addiction, Providence, RI.

9. **Gunn, R.L.**, Aston, E. R., Jackson, K.L., White, H. (2019, April). *Complex marijuana use patterns: Relations with simultaneous alcohol and marijuana use and associated consequences*. Poster presented at the annual meeting of the Collaborative Perspectives on Addiction, Providence, RI.
10. **Gunn, R.L.**, Jackson, K.M., Borsari, B., Metrik, J. (2019, June) *A longitudinal examination of daily patterns of cannabis and alcohol co-use among medicinal and recreational cannabis users*. Symposium presented at the annual meeting of the Research Society on Alcoholism, Minneapolis, MN.
11. Merrill, J.E., Boyle, H.K., **Gunn, R.L.**, Jackson, K.M., Wardell, J.D. (2019, June) *Event-level outcomes of simultaneous alcohol and marijuana use among college students*. Symposium presented at the annual meeting of the Research Society on Alcoholism, Minneapolis, MN.
12. Metrik, J., Aston, E., **Gunn, R.L.**, MacKillop, J., Swift, R., Kahler, C. (2019, June) *Marijuana's effects on alcohol craving and consumption in a laboratory study*. Symposium presented at the annual meeting of the Research Society on Alcoholism, Minneapolis, MN.
13. **Gunn, R.L.**, Jackson, K.M., Borsari, B., & Metrik, J. (2019, August). *Longitudinal associations between negative urgency, depression, and marijuana and alcohol use*. Poster presented at the annual meeting of the American Psychological Association, Chicago, IL.
14. **Gunn, R.L.**, Sokolovsky, A.W., Stevens, A.K., Metrik, J., White, H.R., & Jackson, K.M. (2021, March). *The impact of substance use ordering in simultaneous alcohol and marijuana use occasions*. Symposium presented at the annual meeting of the Collaborative Perspectives on Addiction, Virtual.
15. Micalizzi, L., Price, D., **Gunn, R.L.** (2021, July). *Prenatal Cannabis Use: Symptom modulation and contextual influences*. Poster presented for the annual meeting of the Research Society on Marijuana, Virtual.
16. Stevens, A.K., **Gunn, R.L.**, Boyle, H.K., White, H.R., & Jackson, K.M. (2021, July). *Unplanned vs. planned simultaneous alcohol and cannabis use in daily life: What are the motives, contexts, and outcomes?* Poster presented at the annual meeting of the Research Society on Marijuana, Virtual.
17. Fernandez, M. E.*, **Gunn, R. L.**, White, H. R., Jackson, K. M., & Sokolovsky, A. W. (2022, April). *The path from impulsivity to negative consequences through co-use: Moderated mediation by sex*. Poster presentation. Collaborative Perspectives on Addiction Annual Meeting, Portland, Oregon.
18. Sokolovsky, A. W., **Gunn, R. L.**, White, H. R., & Jackson, K. M. (2022, April). *Compliance and reliability of sustained intensive longitudinal assessment of substance use*. Symposium presentation. Collaborative Perspective on Addiction Annual Meeting, Portland, Oregon.

19. **Gunn, R. L.**, Sokolovsky, A. W., Stevens, A.K., Drohan, M.M., Boyle, H.K., White, H. R., & Jackson, K. M. (2022, April). *Impact of drinking rate in alcohol and cannabis co-use*. Symposium presentation. Collaborative Perspective on Addiction Annual Meeting, Portland, Oregon.
20. 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*. Symposium presentation. Research Society on Marijuana, 6th Annual Meeting, Boston, Massachusetts.
21. **Gunn, R.L.**, Barnett, N.P., Jackson, K.M., Lipperman-Kreda, S., Miranda, R.JR., Trull, T.J., Metrik, J. (July, 2022). *Medicinal versus non-medicinal classifications of cannabis use motives among young adult regular cannabis and alcohol users*. Symposium presentation. Research Society on Marijuana, 6th Annual Meeting, Boston, Massachusetts.
22. 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 presentation. Collaborative Perspectives on Addiction, 11th Annual Meeting, Albuquerque, New Mexico.
23. Berey, B.L., Aston, E.R., **Gunn, R.L.**, McGeary, J.E., Borsari, B., Metrik, J. (March 2023). *Sleep quality and latency are prospectively associated with cannabis use and problems among veterans*. Poster presentation. Collaborative Perspectives on Addiction Conference, 11th Annual Meeting, Albuquerque, New Mexico.
24. **Gunn, R. L.**, Metrik, J., Barnett, N.P., Jackson, K.M., Lipperman-Kreda, S., Miranda, R., Trull, T.J. (March 2023). *Impact of simultaneous alcohol and cannabis use and social context on alcohol craving and consumption in the natural environment*. Symposium presentation. Collaborative Perspectives on Addiction, 11th Annual Meeting, Albuquerque, New Mexico.
25. Gette, J.A., Sokolovsky, A.W., **Gunn, R.L.**, Boyle, H.K., Jackson, K.M., White, H.R. (March, 2023). *Latent classes of simultaneous alcohol and cannabis use and relations with outcomes using daily data*. Poster presentation. Collaborative Perspectives on Addiction Conference, 11th Annual Meeting, Albuquerque, New Mexico.
26. **Gunn, R. L.** (Chair), Barnett, N.P. (June 2023). *Practical applications and considerations for the use of transdermal alcohol biosensors in applied research: A conversation with experts [Roundtable]*. Presented at the Research Society on Alcoholism, 46th Annual Meeting, Bellevue, Washington.
27. 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 submitted to the Research Society on Marijuana, 7th Annual Meeting, Long Beach, CA.*

28. 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. Symposium presentation at the *Annual Meeting for the American Professional Society of ADHD and Related Disorders*, Orlando, FL.
29. Brown, Z.*, Micalizzi, L., Metrik, J., Battle, C., **Gunn, R.L.** (March 2024). *Effects of Perinatal Cannabis Use on Peripartum Depression and the Mother-Infant Dyad*. Poster presented at the Collaborative Perspectives on Addiction Conference, 12th Annual Meeting, Denver, CO.
30. Fernandez, M.E.*, Dotson, M.*, Ali, A.*, **Gunn, R.L.** (March 2024). *The Association between Distress Tolerance and Personalized Medical Reasons for Cannabis with Cannabis Use Frequency and Problems*. Poster presented at the Collaborative Perspectives on Addiction Conference, 12th Annual Meeting, Denver, CO.
31. **Gunn, R.L.**, Metrik, J., Barnett, N.P., Jackson, K.M., Lipperman-Kreda, S., Miranda, R., Trull, T.J. (March 2024). *Use of a Stroop Task to Measure Inhibitory Control in Real-world Alcohol and Cannabis Use Events*. Symposium Talk presented at the Collaborative Perspectives on Addiction Conference, 12th Annual Meeting, Denver, CO.
32. **Gunn, R.L.**, Metrik, J., Barnett, N.P., Jackson, K.M., Lipperman-Kreda, S., Miranda, R., Trull, T.J. (June 2024). The Impact of Simultaneous Alcohol and cannabis Use on Subjective Intoxication and Drinking Rate Derived from Transdermal Alcohol Concentration. *Poster to be presented at the Research Society on Alcohol Annual Meeting*.
33. **Gunn, R.L.** *Using Alcohol Biosensors in Laboratory and Field-Based Research: Practical Considerations for Research Protocols* (June, 2024), in Barnett, N.P., **Gunn, R.L.**, & Merrill, J.E. (Chairs). Wearable alcohol sensors in research: expert presentations and interactive discussion on progress, hurdles, and innovative solutions. Preconference satellite at the Research Society on Alcohol annual conference, Minneapolis, MN.

International

1. **Gunn, R.L.**, Sokolovsky, A., Stevens, A.K., Metrik, J., White, H., Jackson, K.M. (June 2021). *Patterns of daily alcohol and marijuana use: The impact of between- and within-person factors in simultaneous use occasions*. In J. Metrik and **R. Gunn** (Co-Chairs), *Mechanism of Cannabis and Alcohol Co-Use: Laboratory-to-Field Perspectives [Symposium]*. Presented at the 44th Annual Meeting of the Research Society on Alcoholism Conference /International Society for Biomedical Research on Alcoholism (ISBRA) Congress, virtual.
2. 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. *Paper to be presented at the Research Society on Marijuana 8th Annual Meeting*, Toronto, ON.

3. **Gunn, R.L.** (July 2024). Advances in Understanding Antecedents and Consequences of Cannabis and Alcohol Co-use: Insights from Momentary Data in Young Adults. Symposium Chair, *Research Society on Marijuana 8th Annual Meeting, Toronto, ON.*
4. Howe, L.K.*, Boyle, H.K., Metrik, J., Trull, T.J., Lipperman-Kreda, S., **Gunn, R.L.** (July 2024). Exploring Planned vs. Unplanned Cannabis Use on Cannabis Only and Alcohol Co-Use Days: Cannabis Outcomes and Order Effects. Symposium Talk to be presented at *Research Society on Marijuana 8th Annual Meeting, Toronto, ON.*
5. **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. Symposium Talk to be presented at *Research Society on Marijuana 8th Annual Meeting, Toronto, ON.*

GRANTS

Current Grants

K08 AA027551 NIAAA <i>Ambulatory Assessment of Simultaneous Alcohol and Marijuana Use: Impact on Alcohol Use and Consequences</i> Role: Principal Investigator	Gunn (PI)	09/20/19 – 08/31/2024
R01 AA029711 NIAAA <i>Cannabis' Impact on Alcohol Consumption: Integrating Laboratory and Ecological Momentary Assessment Methods</i> Role: Co-Investigator	Metrik (PI)	04/01/22 – 03/31/2027
COBRE Pilot Award P20GM130414 NIGMS <i>Multimethod Examination of the Effects of Perinatal Cannabis Use on Postpartum Depression and the Mother Infant Dyad</i> Role: Co- Principal Investigator	Gunn, Micalizzi (MPI)	04/12/2023-04/15/2024
R01 DA055654 NIDA <i>Individual, contextual, and geospatial influences on decisions to drive under the influence of cannabis</i> Role: Co-Investigator	Metrik (PI)	08/2023-7/2027
R01AA030990 NIAAA <i>Effect of Cannabis Use on Alcohol Craving and Consumption among those in Alcohol Treatment</i> Role: Principal Investigator	Gunn (PI)	09/2023-06/2028

Completed Grants

Research Excellence Award Barnett, Gunn, Merrill (MPI) 09/2019 – 01/2021
 Brown University Center for Alcohol and Addiction Studies
Initial Evaluation of a New Alcohol Biosensor
 Role: Co- Principal Investigator

Research Excellence Award Aston, Gunn, Metrik, (MPI) 12/2020 – 06/2021
 Brown University Center for Alcohol and Addiction Studies
Geographically Explicit Momentary Assessment to Detect Driving Under the Influence of Cannabis
 Role: Co- Principal Investigator

UNIVERSITY TEACHING AND MENTORING ROLES**Courses Taught**

2013	Instructor	Research Methods in Experimental Psychology (P211), Indiana University-Bloomington, 31 undergraduate students
2010-2016	Seminar leader	Undergraduate Research Seminar (P397-P398), Indiana University- Bloomington, 50+ undergraduate students
2019	Instructor	Stranger than Fiction: Debunking Popular Myths in Psychology (CEPY0963), Brown University Pre-college program
2021	Instructor	Stranger than Fiction: Debunking Popular Myths in Psychology (CEPY0963), Brown University Pre-college program
2022	Instructor	Stranger than Fiction: Debunking Popular Myths in Psychology (CEPY0963), Brown University Pre-college program
2024	Instructor	Stranger than Fiction: Debunking Popular Myths in Psychology (CEPY0963), Brown University Pre-college program

Guest Lectures

2014	Guest lecture	Intervention and Evaluation (P631), <i>Motivational Interviewing</i> , Indiana University-Bloomington, Graduate level
2011-2015	Guest lecture	Principles of Psychopathology (P624), <i>Antisocial Personality Disorder and Psychopathy</i> , Indiana University-Bloomington, Graduate level
2019	Guest lecture	Introduction to Psychology, <i>Antisocial Personality Disorder</i> , University of St. Joseph, Undergraduate level
2019	Guest lecture	Adolescent Development, <i>College Student Drinking</i> , University of St. Joseph, Undergraduate level
2019	Guest lecture	Human Development across the Life Span, <i>Alcohol Use Disorder and Motivational Interviewing</i> , University of St. Joseph, Undergraduate level

2023	Guest lecture	Etiology of Substance Use Disorders, Center for Alcohol and Addiction Studies, Brown University, <i>Alcohol and Cannabis Co-use: Antecedents, Patterns, and Consequences</i>
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Thesis Advisement

2014-2015	Thesis secondary advisor	Senior Honor Thesis, Department of Psychological & Brain Sciences, Indiana University-Bloomington
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2019-	Thesis Advisor	Master of Science, School of Public Health, Brown University Alison Green, 2019-2020 Lia Artis, 2022-2024 Zoe Brown, 2023-2024
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Other Mentorship

2021-	Mentor	Diversity Mentoring Program, Brown University Department of Psychiatry and Human Behavior
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2022-	Health Equity Scholar Mentor	Research Assistantship Placement Supervisor, School of Public Health, Brown University Lia Artis, 2022-2023; 2023-2024
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2023-	Psychology Internship Research Mentor (Adult Track)	Brown University Clinical Psychology Training Consortium Lindy Howe, 2023-2024 Olivia Bolts, 2024-2025
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2023-	Applied Public Health Experience Mentor	Master of Science, School of Public Health, Brown University Zoe Brown, 2023-2024
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2024-	Postdoctoral Research Primary Mentor	T32, Center for Alcohol and Addiction Studies, Brown University, National Institute on Drug Abuse Research Postdoctoral Fellowship in Substance Abuse Intervention Outcome Research Training Lindy Howe PhD, 2024- present
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