

Daniel J. Brady, B.A.

University of Maryland. Baltimore
Department of Psychiatry
(203) 460-2639 | dbrady912@gmail.com
Last edited: 2/23/2023

Education

Bates College, Lewiston, ME

Bachelor of Arts, Psychology May 2021
Thesis: Meditation and Brain Structure: A Review.
Bachelor of Arts, Economics May 2021
Thesis: Recreational Marijuana Legalization Leads to Increased Alcohol Consumption.
Minor, Mathematics
GPA: 3.6, Psychology GPA: 3.8
Dean's List: Spring 2020, Fall 2020, Spring 2021

Research Interests

Moral reasoning, decision-making, psychology of effective altruism, statistics, Bayesian, behavioral economics, substance use disorders, neuroeconomics, quantitative methods, rationality

Publications

Brady, D.J., Phalen, P.L., Cowan, T., Roche, D.J.O., Bennett, M.E. (In preparation). The relationship between smoking behavior and psychiatric symptoms in individuals with serious mental illness.

Posters

Brady, D.J., DuMez, E.L., Brandler, B., Bennett, M.E., & Roche, D.J.O. (April 2023). Decreased alcohol use, PTSD, and sleep problems during the COVID-19 pandemic in treatment-seeking Black/African Americans. Poster submitted to the Society of Behavioral Medicine 44th Annual Meeting and Scientific Sessions, Phoenix, AZ.

Brady, D.J., Bennett, M.E., Kelly, D.L., Brandler, B., & Roche, D.J.O. (February 2023). Predictors of alcohol-related problems in a community sample. Poster submitted to the Society of Personality and Social Psychology 2023 Annual Convention, Atlanta, GA.

Roche, D.J.O., Stewart, A., DuMez, E.L., **Brady, D.J.**, Tesfa, N., Turner, E., Brandler, B.J., & Bennett, M.E. (June, 2022). Sleep dysfunction in alcohol use disorder and post-traumatic stress disorder. Poster presented at the 45th Annual Research Society on Alcoholism Scientific Meeting, Orlando, FL.

Roche, D.J.O., Brown, C.H., Moskal, D., DuMez, E.L., **Brady, D.J.**, Tesfa, N., Turner, E., Brandler, B.J., Stewart, A., & Bennett, M.E. (June, 2022). The influence of trauma and alcohol on sleep problems in African Americans. Poster presented at the 45th Annual Research Society on Alcoholism Scientific Meeting, Orlando, FL.

Brady, D.J., DuMez, E.L., Brandler, B., Bennett, M.E., & Roche, D.J.O. (April 2022). Changes in Alcohol Consumption During the COVID-19 Pandemic in Black/African Americans with a History of Trauma and Heavy Alcohol Use. Poster presented at the Department of Psychiatry Research Day at the University of Maryland Baltimore, Baltimore, MD.

DuMez, E.L., **Brady, D.J.**, Brandler, B., Kelly, D.L., Bennett, M.E., & Roche, D.J.O. (April 2022). The effects of alcohol on sleep, circadian rhythm, and fatigue. Poster presented at the Department of Psychiatry Research Day at the University of Maryland Baltimore, Baltimore, MD.

Brady, D.J. & Kahan, T.A. (May 2021). How meditation changes brain structure. Poster presented at the Bates College Mount David Summit, Lewiston, ME.

Brady, D.J. & Low, K.G. (April 2021). Anxiety, substance use, sleep hygiene and sleep quality in undergraduates. Poster presented at the Society of Behavioral Medicine 42nd Annual Meeting and Scientific Sessions, Virtual.

Research Experience

Clinical Research Assistant

September 2021 – Present

University of Maryland School of Medicine, Department of Psychiatry, Baltimore, MD
Maryland Psychiatric Research Center, Addiction Research Laboratory

Studies

- Characterization of Neuroimmune Dysfunction in Alcohol Use Disorder (Roche PI; K01AA026005; NCT04210713)
- Use of Biomarkers in Diagnosing PTSD (Roche PI; Maryland Industrial Partnerships 6623.20)
- Pharmacological Treatment for Co-Occurring Alcohol Use Disorder and Posttraumatic Stress Disorder (Bennett PI; R01AA024760; NCT02884908)
- Impact of the COVID-19 Pandemic on Alcohol Use and PTSD Symptoms in a Sample of African American Heavy Drinkers (Bennett PI; Supplement to R01AA024760)

Responsibilities

- Recruit, consent, and test individuals with alcohol use disorder (AUD), comorbid AUD-PTSD, and healthy controls
- Assess psychopathology using clinical interviews: Structured Clinical Interview for DSM-5 Research Version (SCID-5-RV) and Clinician-Administered PTSD Scale (CAPS-5)

- Administer a neuropsychological battery: Matrics™ Consensus Cognitive Battery, Wisconsin Card Sorting Test, Grooved Pegboard, and the Wechsler Abbreviated Scale of Intelligence (WASI-II)
- Conduct the Brief Behavioral Compliance Enhancement Treatment (BBCET) to encourage medication compliance and reduced alcohol consumption in treatment-seeking individuals with comorbid AUD-PTSD
- Conduct a qualitative interview on sleep, substance use, and PTSD
- Communicate with physicians and participants regarding adverse events and clinically significant findings
- Create and manage study databases using Research Electronic Data Capture (REDCap)
- Develop Standard Operating Procedures (SOPs) for important study tasks
- Train research assistants, undergraduate interns, and volunteers on survey administration, clinical interviews, biospecimen processing, and REDCap usage

Research Assistant

June 2020-August 2020

Bates College, Lewiston, ME
Psychology Department

- Conducted a literature review on the relationship between sleep hygiene, sleep quality, and mental health in undergraduate students
- Analyzed data from over 100 undergraduates and found that sleep hygiene mediated the relationship between generalized anxiety and reduced sleep quality with alcohol consumption before bedtime most strongly predicting poor sleep quality
- Presented findings at the Society of Behavioral Medicine's Annual Meeting in April 2021

Awards

- Abelson Fund Grant - \$300 awarded by Bates College for work as a Research Assistant for Kathryn Low in the Summer of 2020
- Bates Student Research Fund Grant - \$215 awarded by Bates College to cover the cost of research conference registration fees

Skills

Qualitative Interviewing

Diagnostic Interviewing (SCID and CAPS)

Neuropsychological testing

REDCap (data entry, project creation, report creation)

SPSS (linear regression, ANOVA/ANCOVA, post-hoc testing, and more)

R (linear regression, ANOVA/ANCOVA, R Markdown, and more)

Stata (linear/logistic regression, data visualization, and more)

Microsoft Excel (VLOOKUP, Macros, pivot tables, and more)

Endnote