

9/26/2023

CURRICULUM VITAE
LESLIE ANN DALINE BRICK

Assistant Professor
Department of Psychiatry and Human Behavior
Alpert Medical School of Brown University
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EDUCATION

Undergraduate	University of Colorado-Boulder, Psychology and Neuroscience, BS, 2009
Masters	University of Rhode Island, Psychology (Behavioral Science), MA, 2013
Doctoral	University of Rhode Island, Psychology (Behavioral Science), PhD, 2015
Other Advanced Degrees	University of Rhode Island, Neuroscience, Post-baccalaureate Certificate, 2015

POSTGRADUATE TRAINING

Fellowship	Alpert Brown Medical School of Brown University Fellowship in Developmental Psychopathology: Genetic/Epigenetic Influences, 2015-2016
Fellowship	Alpert Brown Medical School of Brown University T32 Research Fellowship in Child Mental Health, 2016-2017

HONORS AND AWARDS

2nd Place Best Postdoctoral Fellow Research, Mind Brain Research Day at Brown Medical School, 2016

3rd Place Golden Helix Inc. Annual Abstract Competition, 2016

Graduate Student Excellence in Behavioral Science Award, University of Rhode Island, 2015

Peter Merenda Prize in Statistics and Research Methodology, 2015

Graduate Student Association Travel Award, University of Rhode Island, 2015

Society of Multivariate Experimental Psychology (SMEP) Dissertation Research Grant, 2015

University of Rhode Island Graduate Fellowship, 2014-2015

Graduate Student Association Travel Award, University of Rhode Island, 2014

Society of Multivariate Experimental Psychology (SMEP) Student Travel Award, 2014
Society of Multivariate Experimental Psychology (SMEP) Student Travel Award, 2012

ACADEMIC APPOINTMENTS

Assistant Professor, Department of Psychiatry and Human Behavior, Alpert Warren Medical School of Brown University, 2017-present

Associate Director, Quantitative Sciences, Alpert Warren Medical School of Brown University, 2017-present

Adjunct Professor, Department of Psychology, Emory University, 2017-present

Instructor, University of Rhode Island, 2012

ACADEMIC AFFILIATIONS

Carney Institute for Brain Science, Brown University, 2020-present

Consortium for Research Innovation in Suicide Prevention, Brown University, 2018-present

The Initiative on Stress, Trauma, and Resilience, Brown University, 2019-present

HOSPITAL APPOINTMENTS

Health Sciences Specialist, Providence Veterans Affairs Medical Center, 2017-present

OTHER APPOINTMENTS

Genomics & Trauma Special Interest Group (SIG) Co-Chair, International Society for Traumatic Stress Studies, 2021-present

Ad-Hoc Reviewer, Translational Psychiatry, Addiction, Addictive Behaviors, Clinical Psychological Science, Biological Psychiatry, Psychological Methods, Psychiatric Genetics, Journal of Health Psychology, Journal of Physiology and Health, Journal of American College Health, Stress and Health, Tobacco Induced Disease

UNIVERSITY COMMITTEES

Anti-Racism Communications Working Group, Anti-Racism Steering Committee, Department of Psychiatry and Human Behavior, 2022-present

GRANT REVIEW ACTIVITIES

NIH Ad Hoc Reviewer, Addition Risks and Mechanisms Study Section, October 20-31, 2023

NIH/NIEHS Special Emphasis Panel, Biological Basis for how Environmental Exposures Impact Risk for Psychiatric Disorders (RFA-ES-22-008, RFA-ES-22-009), June 28-29, 2023

MEMBERSHIP IN SOCIETIES

International Society for Traumatic Stress Studies

Behavior Genetics Association
Research Society for Alcoholism
Society for Behavioral Medicine
Association for Psychological Science

PUBLICATIONS LIST

° mentored student, trainee, or research assistant

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Kemp, K., Micalizzi, L., Becker, S. J., **Brick, LA.**, Cheaito, A., Suazo, N. C., Fox, K., Hernandez, L & Spirito, A. (2023). Intervention for marijuana using, court-involved non-incarcerated youth. *Journal of Substance Use and Addiction Treatment*, <https://doi.org/10.1016/j.josat.2023.209141>.
2. Kudinova, A. Y., **Brick, L. A.**, Armev, M., & Nugent, N. R. (2023). Micro-sequences of anger and shame and non-suicidal self-injury in youth: an ecological momentary assessment study. *Journal of child psychology and psychiatry*.
3. Moitra, E., **Brick, L.A.**, Cancilliere, M.K., Elwy, A.R., Erbe, A.M., Fenn, N., Nunn, A.S., Salhaney, P., & Chan, P.A. (in press). A randomized trial of acceptance-based behavioral therapy to improve mental health outcomes for LGBTQ+ persons: study protocol. *Contemporary Clinical Trials*.
4. Mereish EH, Peters JR, **Brick LA**, Killam MA, Yen S. (in press). A Daily Diary Study of Minority Stressors, Suicidal Ideation, Non-Suicidal Self-Injury Ideation, and Affective Mechanisms Among Sexual and Gender Minority Youth. *Journal of Psychopathology and Clinical Science*.
5. Jampel, J., Quinn, M. J., Catalano, J. L., Benca-Bachman, C. B., **Brick, L.**, Philip, N. S., Swift, R. M., & McGeary, J. E. (2023). Synchronised transcranial magnetic stimulation for substance use-disordered Veterans: protocol for the pilot sham-controlled acceptability trial. *BMJ Open*, *13*(1), e066175. <https://doi.org/10.1136/bmjopen-2022-066175>
6. Primack, J. M., Quinn, M. J., Carskadon, M. A., Holman, C. S., Nazem, S., Kelsey, M. R., Fedorenko, E. J., McGeary, S., **Brick, L.** & McGeary, J. E. (2023). Longitudinal assessment of the sleep suicide link in Veterans: methods and study protocol. *Sleep advances*, *4*(1), zpad025.
7. Gibb B., Owens M, **Brick LA.** (2022). Attentional Biases for Sad Faces in Offspring of Mothers with a History of Major Depression: Trajectories of Change from Childhood to Adolescence. *Journal of Child Psychology and Psychiatry*. doi: 10.1111/jcpp.13740. Online ahead of print.
8. Weiss, N. H., **Brick, L. A.**, Schick, M. R., Forkus, S. R., Raudales, A. M., Contractor, A. A., & Sullivan, T. P. (2022). Posttraumatic stress disorder strengthens the momentary associations between emotion dysregulation and substance use: a micro-longitudinal study of community women experiencing intimate partner violence. *Addiction*. PMID: 35792057
9. Primack, J. M., Bozzay, M. L., Gaudiano, B. A., Weinstock, L. M., Armev, M. F., **Brick, L. A.**, Holman, C. S., & Miller, I. W. (2022). A Randomized Controlled Trial of the Veterans Coping Long Term With Active Suicide (CLASP) Program. *Psychiatric Annals*, *52*(5), 199-207.
10. Bountress, K. E., **Brick, L. A.**, Sheerin, C., Grotzinger, A., Bustamante, D., Hawn, S. E., ... & Psychiatric Genomics Consortium Posttraumatic Stress Disorder Working Group.

- (2022). Alcohol use and alcohol use disorder differ in their genetic relationships with PTSD: a genomic structural equation modelling approach. *Drug and Alcohol Dependence*, 234, 109430.
11. Goldschmidt, A. B., Tortolani, C. C., Egbert, A. H., **Brick, L. A.**, Elwy, A. R., Donaldson, D., & Le Grange, D. (2022). Implementation and outcomes of home-based treatments for adolescents with anorexia nervosa: Study protocol for a pilot effectiveness-implementation trial. *International Journal of Eating Disorders*, 1– 8. <https://doi.org/10.1002/eat.23796>
 12. Brick, M. A., Kleintop, A., Echeverria, D., Kammlade, S., **Brick, L. A.**, Osorno, J. M., ... & Thompson, H. J. (2022). Dry Bean: A Protein-Rich Superfood With Carbohydrate Characteristics That Can Close the Dietary Fiber Gap. *Frontiers in Plant Science*, 13.
 13. Nugent NR, Arney MF, Boker S, **Brick LA**, Knopik V, McGeary JE, Spirito A, Mehl, MR. (2022). Adolescents hospitalised for suicidality: biomarkers, social and affective predictors: a cohort study. *BMJ Open*, 12(10), e056063
 14. **Brick LA**, Gajewski-Newes JA, Marraccini ME, Brown S, Arney M, Nugent NR. (in press). Ecological Momentary Assessment of Cannabis Use and Affect Among Adolescents Following Psychiatric Discharge. *Journal of Studies on Alcohol and Drugs*.
 15. Weiss, N. H., **Brick, L. A.**, Forkus, S. R., Goldstein, S. C., Thomas, E. D., Schick, M. R., ... & Sullivan, T. P. (2022). Modeling reciprocal relations between emotion dysregulation and alcohol use using dynamic structural equation modeling: A micro-longitudinal study. *Alcoholism: Clinical and Experimental Research*, 46(8), 1460-1471. PMID: 35676805
 16. Cersonsky, T. E. K^o, Mechery, S., Carper, M. M., Thompson, L., Lee, A., Alber, J., Sarkar, I. N., & **Brick, L. A.*** (2022). Using the Montreal cognitive assessment to identify individuals with subtle cognitive decline. *Neuropsychology*. Advance online publication. <https://doi.org/10.1037/neu0000820>
 17. Cersonsky, T. E., Mechery, S., Thompson, L., Lee, A., Alber, J., Sarkar, I. N., & **Brick, L. A. D.** (2022). Related amyloid burden and cortical atrophy in individuals with subtle cognitive decline. *Journal of Neuroimaging*, 32(6), 1075-1079.
 18. Feurer, C., McGeary, J. E., **Brick, L. A.**, Knopik, V. S., Carper, M. M., Palmer, R. H., & Gibb, B. E. (2022). Associations between depression-relevant genetic risk and youth stress exposure: Evidence of gene–environment correlations. *Journal of Psychopathology and Clinical Science*, 131(5), 457.
 19. Victor SE, Christensen K, Johnson SL, Van Allen JA, **Brick LA**. (2022). Dynamic Regulatory Processes in the Transition from Suicidal Ideation to Action in Adults Leaving Inpatient Psychiatric Care: An Intensive Longitudinal Study Protocol. *JMIR Research Protocols*.
 20. Kudinova AY^o, **Brick LA**, Barthelemy CM, MacPherson HA, Jenkins GA, DeYoung LLA, Gilbert AC, Radoeva P, Kim KL, Arney M, Dickstein DP. (in press). Sex and age moderate the trajectory of guilt among children and adolescents with and without recent suicidal ideation. *Cognition and Emotion*.

21. Thomas JG, Goldstein SP, **Brick LA**. (in press). Preliminary evidence of contextual factors' influence on weight loss treatment outcomes: Implications for future research. *International Journal of Obesity*.
22. Abrantes, A. M., Kunicki, Z., Braun, T., Miranda Jr, R., Blevins, C. E., **Brick, L.**, ... & Stein, M. D. (2022). Daily associations between alcohol and sweets craving and consumption in early AUD recovery: Results from an ecological momentary assessment study. *Journal of Substance Abuse Treatment*, 132, 108614.
23. Grocott, L. R.°, Leach, N. R., **Brick, L. A.**, Meza-Lopez, R., & Orchowski, L. M. (2021). Institutional response and impact of reporting sexual violence: an examination of sexual and gender minority college students. *Journal of Interpersonal Violence*.
24. Marceau, K., **Brick, L. A.**, Pasman, J. A., Knopik, V. S., & Reijneveld, S. A. (2021). Interactions between Genetic, Prenatal, Cortisol, and Parenting Influences on Adolescent Substance Use and Frequency: A TRAILS Study. *European Addiction Research*, 1-10.
25. Marraccini ME, Resnikoff A, **Brick LA**, Brier ZMF, Nugent MR. (2021). Adolescent perceptions of school before and after psychiatric hospitalization: Predicting suicidal ideation. *School Psychology*.
26. Stevenson, B.°, Kunicki, Z.J., **Brick, L.**, Blevins, C., Stein, M.D., & Abrantes, A.M. (2021). Using Ecological Momentary Assessments and Fitbit data to examine daily associations between physical activity, affect, and alcohol cravings in patients with alcohol use disorder. *International Journal of Behavioral Medicine*.
27. **Brick LA***, Schatten H*, Holman C, Czyz E. (2021). Differential time varying associations among affective states and suicidal ideation among adolescents following hospital discharge. *Psychiatry Research*. * Authors contributed equally.
28. **Brick LA**, Nugent NR, Arney MF. (2021). Affective variability and childhood maltreatment increase risk for non-suicidal self-injury following psychiatric hospitalization. *Journal of Traumatic Stress*.
29. Goldstein SP, Thomas JG, **Brick LA**, Zhang F, & Forman EF. (2021). Identifying behavioral types of dietary lapse from a mobile weight loss program: Preliminary investigation from a secondary data analysis. *Appetite*, 166, 105440.
30. **Brick, LA**, Benca-Bachman C, Bertin L, Martin K, Risner V, Palmer RHC. (2021). The intermediary role of adolescent temperamental and behavioral traits on the prospective associations between polygenic risk and cannabis use among young adults of European Ancestry. *Addiction*.
31. Goldstein SP, **Brick LA**, Thomas JG, & Forman EM (2021). Examination of the relationship between lapses and weight loss in a smartphone-based just-in time adaptive intervention. *Translational Behavioral Medicine*, 11(4), 993-1005.
32. Weyandt LL, Gudmundsdottir BG, Shepard E, **Brick L**, Buchanan A, Clarkin C, Frances A & Marraccini M. (2021). Nonmedical Prescription Opioid Use among a Sample of College Students: Prevalence and Predictors. *Pharmacy*, 9(2), 106.

33. Micalizzi, L., Marceau, K., Evans, A. S., **Brick, L. A.**, Palmer, R. H. C., Heath, A. C., & Knopik, V. S. (2021). A sibling-comparison study of smoking during pregnancy and risk for reading-related problems. *Neurotoxicology and Teratology*, *84*, 106961.
34. Thomas S, **Brick LA**, Micalizzi L, Wolff J, Esposito-Smythers C, Spirito A. (2020). Parent-Adolescent Relationship Characteristics and Adolescent Cannabis Use: A Growth Curve Analysis. *The American Journal of Drug and Alcohol Abuse*, *46*(5), 659-669.
35. López Jr., R.°, **Brick, L.A.**, Defayette, A., Whitmyre, E., Wolff, J., Frazier, E., Spirito, A., Esposito-Smythers, C. (2020). Depressive symptom severity mediates the association between avoidant problem-solving style and suicidal ideation. *Journal of Affective Disorders*, *274*, 662-670.
36. Micalizzi L, **Brick LA**, Thomas SA, Wolff J, Esposito-Smythers C, Spirito A. (2020). Cannabis Use and Emotional Awareness Difficulties in Adolescents with Co-occurring Substance Use and Psychiatric Disorders. *Substance Use and Misuse*. PMID: 32107955
37. Harlow*, LL, Aiken, L, Blankson, AN, Boodoo, GM, **Brick, LA**, Collins, LM, Cumming, G, Fava, JL, Goodwin, MS, Hoepfner, B, Mackinnon, DP, Molenaar, PCM, Rodgers, JL, Rossi, JS, Scott, A, Steiger, JH & West, SG. (2020). A Tribute to the Mind, Methodology and Memories of Wayne Velicer. *Multivariate Behavioral Research*.
*After the first author, co-authors contributed equally and are alphabetized by last name.
DOI: 10.1080/00273171.2020.1729083
38. Dalvie, S., Maihofer, A. X., Coleman, J. R., Bradley, B., Breen, G., **Brick, L. A.**, Chen, C, Choi, K.W., Duncan, L.E., Guffanti, G., Haas, M., Harnal, S., Liberzon, I., Nugent, N.R., Provost, A.C, Ressler, K.J., Torres, K., Amstadter, A.B., Austin, S.B., Baker, D.G., ... & Nivergelt, C.M. (2020). Genomic Influences on Self-Reported Childhood Maltreatment. *Translational Psychiatry*. PMID: 32066696
39. Micalizzi L, **Brick LA**, Marraccini ME, Benca-Bachman CE, Palmer RHC, Knopik VS. (2020). Differential patterns of genetic overlap between inattention and four neurocognitive factors in youth. *Development and Psychopathology*. PMID: 31959275
40. Marceau, K., **Brick, L.**, Knopik, V.S., & Reijneveld, S.A. (2020). Developmental pathways from genetic, prenatal, parenting and emotional/behavioral risk to cortisol reactivity and adolescent substance use: A TRAILS study. *Journal of Youth and Adolescence*. PMID: 31786769
41. Lind MJ, **Brick LA**, Gehrman PR, Duncan L, Nugent NR, Stein MB, Nivergelt CM, Gelaye B, Maihofer AX, PTSD Working Group of the Psychiatric Genetics Consortium, Amstadter AB. (2020). Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. *SLEEP*. PMID: 31802129
42. Peterson, R. E., Kuchenbaecker, K., Walters, R. K., Chen, C.-Y., Popejoy, A. B., Periyasamy, S., Lam, M., Iyegbe, C., Strawbridge, R. J., **Brick, L.**, Carey, C., Martin, A., Meyers, J. L., Su, J., Chen, J., Edwards, A. C., Kalungi, A., Koen, N., Majara, L., Schwarz, E., Smoller, J., Stahl, E. A., Sullivan, P., Vassos, E., Bryan Mowry, B., Prieto, M., Cuellar-Barboza, A., Bigdeli, T. B., Edenberg, H. J., Huang, H., and Duncan, L. E..

- (2019). Genome-wide association studies in ancestrally diverse populations: opportunities, methods, pitfalls, and recommendations. *Cell*. PMID: 31607513.
43. **Brick LA**, Micalizzi L, Knopik VS, Palmer RHC. (2019). Characterization of DSM-IV Opioid Dependence Among Individuals of European Ancestry. *Journal of Studies for Alcohol and Drugs*. PMID: 31250797
 44. Palmer RHC, **Brick LA**, Chou Y, Agrawal, A, McGeary JE, Heath AC, Bierut L, Keller MC, Johnson E, Hartz SM, Schuckit MA, Knopik VS. (2019). The etiology of DSM-5 Alcohol Use Disorder: Evidence of shared and non-shared additive genetic effects. *Drug and Alcohol Dependence*. PMID: 31229702
 45. Nugent NR, **Brick LA**, Armev MF, Tyrka AR, Uebelacker LA. (2019). Benefits of yoga on IL-6: Findings from a randomized controlled trial of adjunctive yoga for persistent major depression. *Behavioral Medicine*. PMID: 31141465.
 46. **Brick LA**, Marraccini ME, Micalizzi L, Benca-Bachman CE, Knopik VS, Palmer RHC. (2019). Overlapping genetic contribution between suicidal ideation and neurocognitive functioning. *Journal of Affective Disorders*. PMID: 30769295.
 47. **Brick LA**, Keller, M, Knopik VS, McGeary J, Palmer RHC. (2019). Shared additive genetic variation for alcohol dependence among subjects of African and European ancestry. *Addiction Biology*, 24(1), 132-144. PMID: PMC6312725.
 48. Marraccini ME, **Brick LA**, Francis A, Clarkin C, Fang Y, Weyendt, L. (2019). Effects of self-injurious thoughts and behaviors and sexual risk-taking behaviors through emotional control. *Journal of Affective Disorders*. PMID: 30772746.
 49. Micalizzi L, **Brick LA**, Flom M, Ganibam J, Saudino K. (2019). Effects of socioeconomic status and executive function on school readiness differ for children in high chaos homes. *Child Development*. PMID: 31341348
 50. Armev MF, **Brick LA**, Schatten HT, Nugent NR, Miller IW. (2018). Ecologically assessed affect and suicidal ideation following psychiatric inpatient hospitalization. *General Hospital Psychiatry*. PMID: PMC6581626.
 51. Yurasek A, **Brick LA**, Nestor B, Hernandez L, Graves H, Spirito A. (2018). The effects of parent, sibling, and peer substance use on adolescent drinking behaviors. *Journal of Clinical and Family Studies*. doi: 10.1007/s10826-018-1251-9
 52. Marraccini ME, **Brick LA**, Weyendt L. (2018). Instructor and peer bullying in college students: Distinct typologies based on Latent Class Analysis. *American Journal of College Health*. PMID: 29565751.
 53. **Brick LA**, Nugent N, Douglas B, Fernandez I, Bauermeister J, Tanney M, Kahana, S. (2018). Interaction effects of neighborhood disadvantage and individual social support on frequency of alcohol use in youth living with HIV. *Journal of Community Psychology*, 61(3-4), 276-284. PMID: 29400400.
 54. Micalizzi, L., Marceau, K., **Brick, L. A.**, Palmer, R. H. C., Todorov, A. A., Heath, A. C., Evans, A. & Knopik, V. S. (2018). Executive function outcomes in siblings discordant for exposure to maternal smoking during pregnancy. *Developmental Psychology* 54(2), 199-208. PMID: PMC5788709.
 55. Moghaddam SM, Brick MA, Echeverria D, Thompson H, **Brick LA**, Lee R, Mamidi S, McClean P. (2018). Genetic Architecture of Dietary Fiber and Oligosaccharide Content in a Middle American Panel of Edible Dry Bean. *The Plant Genome*, 11(1). PMID: 29505640.

56. Feurer C°, McGeary J, Knopik VS, **Brick LA**, Palmer RHC, Gibb BE. (2017). HPA axis multilocus genetic profile score moderates the impact of interpersonal stress on prospective increases in depressive symptoms for offspring of depressed mothers. *Journal of Abnormal Psychology*, 126(8), 1017-1028. PMID: PMC5726770.
57. **Brick LA**, Redding CA, Paiva A, Velicer WF. (2017). Intervention effects on stage of change membership and transitions among adolescent smoking and alcohol use acquisition. *Psychology of Addictive Behaviors* 31(5), 614-624. PMID: 28714725.
58. Bidwell LC, Marceau K, **Brick LA**, Karoly HC, Todorov AA, Palmer RHC, Heath AC, Knopik VS. (2017). Prenatal exposure effects on early adolescent substance use: A genetically-informed Bayesian approach. *Journal of Studies on Alcohol and Drugs*. 78(5), 789-794. PMID: PMC5675430.
59. **Brick LA**, Redding CA, Paiva A, Harlow LL, Velicer WF. (2017). Intervention effects on stage of change membership and transitions among adolescent energy balance behaviors. *Multivariate Behavioral Research*. 52(4), 485-498. PMID: 28426252.
60. **Brick LA**, Yang S, Harlow LL, Redding CR, Prochaska JO. (2016). Longitudinal analysis of intervention effects on diet temptations and readiness to change a high fat diet using parallel process latent growth modeling. *Journal of Health Psychology*. DOI: [10.1177/1359105316679723](https://doi.org/10.1177/1359105316679723)
61. Fu, T., Mundorf, M., Redding, C.A., **Brick, L.**, Paiva, A., Prochaska, J.O. (2016). Exploring Sustainable Transportation Attitudes and Stages of Change Using Survey and Geospatial Data in New England Campus Commuters. *Journal of Transportation Research Forum*, 55(2), 71-90.
62. Palmer RHC, Beevers CG, McGeary JE, **Brick LA**, Knopik VS. (2016). A Preliminary Study of Genetic Variation in the Dopaminergic and Serotonergic Systems and Genome-wide Additive Genetic Effects on Depression Severity and Treatment Response. *Clinical Psychological Science*, 5(1), 158-165. PMID: 28426252.
63. Pearson R°, Palmer RHC, **Brick LA**, McGeary JE, Knopik VS, Beevers CG. (2016). Additive Genetic Contribution to Symptom Dimensions in Major Depressive Disorder. *Journal of Abnormal Psychology*, 125(4), 495-501.
64. Palmer RHC, Nugent NR, **Brick LA**, Bidwell LC, McGeary JE, Keller MC, Knopik VS. (2016). Evidence of shared genome-wide additive genetic effects on interpersonal trauma exposure and generalized vulnerability to drug dependence in a population of substance users. *Journal of Traumatic Stress*, 29(3), 197-204.
65. Bidwell LC, Palmer RHC, **Brick LA**, McGeary JE, Knopik VS. (2016). Genome-wide SNP Heritability of Nicotine Dependence as a Multidimensional Phenotype. *Psychological Medicine*, 7, 1-11.
66. Palmer RHC, Bidwell LC, Heath AC, **Brick LA**, Madden PAF, Knopik VS. (2016). Maternal Smoking During Pregnancy and Offspring Externalizing Problems: A Propensity Score Approach. *Behavior Genetics*, 6(3), 403-415.
67. Bidwell LC, Palmer RHC, **Brick LA**, Heath AC, Knopik VS. (2016). A propensity scoring approach to characterizing the effects of maternal smoking during pregnancy on initial responses to tobacco and alcohol in adolescents. *Behavior Genetics*, 6(3), 416-430.
68. **Brick, L.**, Sorensen, D., Robbins, M., Paiva, A., McSorley, A., Peipert, J., Waterman, A. (2016). Invariance of measures to understand decision-making for pursuing living donor kidney transplant. *Journal of Health Psychology*, 21(12), 2912-2922.

69. Redding CA, Mundorf N, Kobayashi H, **Brick L**, Horiuchi S, Paiva AL, & Prochaska JO. (2015). Sustainable transportation stage of change, decisional balance, and self-efficacy scale development and validation in two university samples. *International journal of environmental health research*, 25(3), 241-253.
70. **Brick, L.**, Velicer, W.F., Redding, C.A., Prochaska, J.O. (2015). Extending Theory-Based Quantitative Predictions to New Health Behaviors. *International Journal of Behavioral Medicine*, 23(2), 123-134.
71. Palmer RHC, McGeary JE, Heath A, Keller MC, **Brick L**, Knopik VS. (2015). Shared Additive Genetic Influences on DSM-IV Criteria for Alcohol Dependence in Subjects of European Ancestry. *Addiction*, 110(12), 1922-1931.
72. Palmer RHC, **Brick L**, Nugent NR, Bidwell LC, McGeary JE, Knopik VS, Keller MC. (2015). Examining the role of common genetic variants on alcohol, tobacco, cannabis and illicit drug dependence: genetics of vulnerability to drug dependence. *Addiction*, 110(3), 530-537.
73. Robbins, M.L., Paiva, A.L., Amoyal, N.R., **Brick, L.**, Kessler, D.A., Burditt, C., Caltabiano, M., Shaz, B.H. (2015). Acceptability and Feasibility of a Culturally Tailored Internet-Delivered Intervention to Promote Blood Donation in Blacks. *Health Promotion Practice*, 16(2), 227-235.
74. Babbin SF, Velicer WF, Paiva AL, **Brick LA**, & Redding CA. (2014). Replicating cluster subtypes for the prevention of adolescent smoking and alcohol use. *Addictive Behaviors*, 40, 57-65.
75. Waterman AD, Robbins ML, Paiva AL, Peipert JD, Kynard-Amerson CS, Goalby C, Davis L, Thein J, Schenk E, Baldwin KA, Skelton S, Amoyal N, **Brick L**. (2014). Your Path to Transplant: a randomized controlled trial of a tailored computer education intervention to increase living donor kidney transplant. *BMC Nephrology*, 15(1), 166.
76. Kleintop, A., Echeverria, D., **Brick, L.**, Thompson, H., Brick, M. (2013). Adaptation of the AOAC 2011.25 Integrated Total Dietary Fiber Assay to Determine Dietary Fiber and Oligosaccharide Content of Dry Edible Bean. *Journal of Agricultural and Food Chemistry*, 61(40), 9719-9726.
77. Velicer, W.F., **Brick, L.**, Fava, J., Prochaska, J.O. (2013). Testing 40 Predictions from the Transtheoretical Model Again, With Confidence. *Multivariate Behavioral Research*, 48(2), 220-240.

OTHER PEER-REVIEWED PUBLICATIONS (CONFERENCE PAPERS)

1. **Brick LA***, Benca-Bachman CE, Gustavson DE, Johnson E, Palmer RHC. (2022). Distinct associations among genetic internalizing and externalizing factors with polysubstance use among young adults. *Behavior Genetics*, 52, 343–405.
2. **Brick LA**, Marraccini ME, Micalizzi L, Knopik VS, Palmer RHC. (2018). Genetic contributions to suicidal ideation and neurocognitive functioning. *Behavior Genetics*, 48, 454–526.
3. Micalizzi L, **Brick LA**, Marraccini ME, Palmer RHC, Knopik VS. (2018). Differential patterns of genetic overlap between inattention and four neurocognitive factors. *Behavior Genetics*, 48, 454–526.
4. **Brick LA**, Micalizzi L, Marraccini ME, Palmer RHC, Knopik VS. (2017). Evidence for genetic correlation of DSM-IV opioid dependence and childhood trauma based on

- additive genome-wide effects. *Behavior Genetics* (Vol. 47, No. 6, pp. 666-666).
5. Micalizzi L, Marceau K, **Brick LA**, Palmer RHC, Todorov AA, Heath AC, Evans A, & Knopik VS. (2017). A sibling comparison study of maternal smoking during pregnancy and child cognitive functioning. *Behavior Genetics* (Vol. 47, No. 6, pp. 711-711).
 6. **Brick L**, Knopik VS, Velicer WF, Palmer RHC. (2015) Genome-wide complex trait analysis of shared genetic effects between brain electrophysiology measures and alcohol dependence. *Multivariate Behavioral Research*, 50(1), 129-130.
 7. Palmer R, **Brick L**, Nugent N, Bidwell C, McGeary J, Knopik V, & Keller M. (2014). Common genetic variants have generalized influences on substance dependence. *Behavior Genetics*, 44(6), 675-676.
 8. **Brick L.**, Babbin SF, Velicer WF. (2014) Using latent transition analysis to diagnose intervention effectiveness among subgroups. *Annals of Behavioral Medicine*, 47, S139.
 9. Velicer, WF, Babbin, SF, **Brick, LA**, Redding, CA, & Paiva, AL. (2014). Using prevention subtypes to predict future smoking and alcohol status. *International Journal of Behavioral Medicine*, 21 (Supplement 1), S152.
 10. **Brick L.**, Velicer, W.F., Prochaska, J.O. (2013). Testing-Theory Based Quantitative Predictions: Tailoring theory with empirical support (Abstract). *Multivariate Behavioral Research*, 48(1), 148-149.
 11. Velicer, WF, **Brick, L.**, & Babbin, S. (2012). Testing Theory-based Quantitative Predictions: Replication and Extension (Abstract). In Arce, C & Seoane, eds., European Congress of Methodology. Santiago de Compostela, Spain: Universade de Santiago de Compostela Press (p. 273).
 12. McGee HA, **Brick L**, Babbin SF, Paiva A, Redding C, Oatley K, Meier K, Sillice M, Velicer EF. (2011). Psychometric assessment of the Decisional Balance Inventory for smoking prevention in middle school students. *Annals of Behavioral Medicine*, 41, S213.

BOOKS AND BOOK CHAPTERS

1. **Brick LA** & Harlow LL. (in press). Latent Growth Modeling. In *The Essence of Multivariate Thinking: Basic Themes and Methods (3rd Ed.)*. Taylor & Francis.
2. Sheerin C, **Brick LA**, Nugent NR, Amstader AB. (2019). Genetic Studies of Posttraumatic Stress Disorder and Substance Use Disorders: Background, Developments, and Future Directions. *Posttraumatic Stress and Substance Use Disorders: A Comprehensive Clinical Handbook*. Eds. A. Vujanovic & S. Back. Routledge.
3. Bountress, KE, Brick LA, Cusack S, Sheerin CM, Nugent NR, Amstadter AN. (2020). Genetic influences on PTSD. *Emotion in Posttraumatic Stress Disorder: Etiology, Assessment, Neurobiology, and Treatment*. Eds. M. Tull & N. Kimbrell. Elsevier.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Brick LA**, Echeverria D, Brick MA, and Thompson HJ. (2011). Dietary fiber content of dry edible beans. *Colorado Bean News*, 24(2), 6-7.
2. **Brick LA**, Echeverria D, Brick, MA, and Thompson HJ. (2010). Dietary fiber content of dry edible beans based on the 2009.01 Codex method. *Annual Report of the Bean Improvement Cooperative*, 54, 4-5.

CONFERENCE ABSTRACTS/PRESENTATIONS

1. Wallace, G. T., **Brick, L.**, Peters, J., & Schatten, H. (2023, November). Associations between Affect and Suicidality after Psychiatric Inpatient Discharge: An Application of Dynamic Structural Equation Modeling. In Zainal, N. H. & Shin, K. E. (Chairs) *Caveats and recommendations in using novel analytic methods: Application to clinical psychological data*. Symposium talk at the Association for Behavioral and Cognitive Therapies Annual Convention, Seattle, WA.
2. **Brick LA**, Katrinli S, Smith A, Nugent N*. (November 2022). Polyepigenetic Scores Representing Prenatal Glucocorticoid Exposure Associated with Blunted Affect Among Psychiatrically Hospitalized Youth. In Sage Hawn (chair) “The Epigenetic Impact of Stress and Trauma Across the Lifespan: Implications for Mental and Physical Health” *Presenter. 37th Annual Meeting of the International Society for Traumatic Stress Studies. Atlanta, GA.
3. **Brick LA***, Benca-Bachman CE, Gustavson DE, Johnson E, Palmer RHC. (June 2022). Distinct associations among genetic internalizing and externalizing factors with polysubstance use among young adults. In Rohan Palmer (chair) “Genomic structural equation modeling and polygenic score approaches to understanding substance use and related behaviors”. *Presenter. 52th Annual Meeting of the Behavior Genetics Association, Los Angeles, CA.
4. Hughes, C. D.^o, **Brick LA**, Schatten, H. T., & Armev, M. F., (2022, June). Feasibility of GIMME in modeling suicide risk among individuals at high-risk for suicide. In C. D. Hughes (Chair), *GIMME personalized suicide models: Insights gleaned from an idiographic approach to understanding suicide risk* [Symposium]. Suicide Research Symposium, Virtual Convention.
5. Hughes, C. D.^o, **Brick LA** Schatten, H. T., & Armev, M. F., (2022, June). Ecological momentary assessment: Experienced affect, cognitions, and suicidal thoughts in daily life. In Kaplan, D.M., (Chair), *Measuring emotion during daily life: Clinical applications of naturalistic observation, ambulatory audio, experience sampling and daily diary methods* [Symposium]. Society for Ambulatory Assessment, Virtual Convention.
6. Hughes, C. D.^o, **Brick LA**, Schatten, H. T., & Armev, M. F., (2022, March). *The role of repetitive negative thinking and negative affect in suicidal ideation* [Conference session]. 24th Annual Mind Brain Research Day, Providence, RI.
7. Hughes, C. D.^o, Armev, M. F., **Brick LA**, Schatten, H. T., & Carosa, C., (2021, November). Ecological Momentary Assessment: Experienced Affect in Daily Life. In C. D. Hughes (Chair), *Beyond Retrospective Self-Report Questionnaires: Novel Methods for Assessing Affect* [Symposium]. Association of Behavioral and Cognitive Therapies, Virtual Convention.

8. **Brick LA***, Benca-Bachman CE, Palmer RHC. (November 2020). Polygenic scores for childhood maltreatment and PTSD predict lifetime cannabis use via adolescent traits and behaviors. *Presenter. 36th Annual Meeting of the International Society for Traumatic Stress Studies. (Virtual Meeting), Atlanta, GA.
9. Kunicki, Z. J.^o, **Brick, L. A.**, Miranda, R., Thomas, J. G., Blevins, C. E., Stein, M. D., & Abrantes, A. M. (2020). Consumption of highly palatable foods to curb alcohol cravings: A time-varying effect modeling approach. Poster presented at Modern Modeling Methods (Canceled Due to COVID-19), Storrs, CT.
10. **Brick, L. A.**, Nugent, N. R., Arney, M. F. (2020). Affect variability and childhood trauma increase risk for non-suicidal self-injury following psychiatric hospitalization. Paper presented at Modern Modeling Methods (Canceled Due to COVID-19), Storrs, CT.
11. **Brick LA***, Benca-Bachman CE, Palmer RHC. (January 2020). Shared Sources of Genetic Variation Underlying the Transmissible Liability Index for Substance Use Disorders and Subsequent Cannabis Use. *Presenter. NIDA Genetics and Epigenetics Cross-Cutting Research Team. Rockville, MD.
12. **Brick, L***, Kim, S, Marraccini, M, Arney, M, Nugent, NR (November 2019). History of childhood emotional abuse associated with higher risk for suicidal ideation following discharge from psychiatric hospitalization: An ecological study. *Presenter. Poster presented at the International Society for Traumatic Stress Studies in Boston, Massachusetts.
13. Schulwolf, S^{o*}, Fong, G, Kim, S, **Brick, L**, Huang, J, Nugent, NR (November 2019). Exploring agreement in substance use reporting between online social networking data analysis, clinical interview, and self-report survey. *Presenter. Poster presented at the International Society for Traumatic Stress Studies in Boston, Massachusetts.
14. Peters, J.R., **Brick, L.A.**, Barnett, N., & Yen, S. (2019, October). Environmental factors and borderline personality symptom networks in high risk adolescents. In Lori Scott & Joseph Beeney (Chairs), Exploring the Role of Intergenerational Transmission of Borderline Personality Disorder in Children and Adolescents. Symposium presented at the meeting of the International Society for the Study of Personality Disorders, Vancouver, Canada.
15. **Brick LA***, Benca-Bachman CE, Palmer RHC. (2019). Genetic sources of variation underlying cannabis use and the transmissible liability index for substance use disorders. *Presenter. World Congress for Psychiatric Genetics. Los Angeles, CA.
16. Thomas SA*, **Brick LA**, Micalizzi L, Spirito A. (2019). Parent-adolescent relationship characteristics and adolescent cannabis use: A growth curve analysis. Poster presented at the Collaborative Perspectives on Addiction. April 4-6, 2019, Providence, RI.

17. **Brick LA***, Thomas SA, Micalizzi L, Wolff J, Esposito-Smythers C, Spirito A. (2019). The role of between and within person self-control on cannabis and alcohol use in a sample of high-risk adolescents. *Presenter. Poster presented at the Collaborative Perspectives on Addiction, April 4-6, 2019. Providence, RI.
18. Micalizzi, L. *, **Brick, L. A.**, Thomas, S., & Spirito, A. (March, 2019). Exploring transactional relations between adolescent marijuana use and emotional awareness over time. *Presenter. Society for Research in Child Development Biennial Meeting, Baltimore, MD.
19. Peters, J.R., **Brick, L.A.**, Barnett, N., & Yen, S. (2019, October). Environmental factors and borderline personality symptom networks in high risk adolescents. In Lori Scott & Joseph Beeney (Chairs), Exploring the Role of Intergenerational Transmission of Borderline Personality Disorder in Children and Adolescents. Symposium presented at the meeting of the International Society for the Study of Personality Disorders, Vancouver, Canada.
20. Thomas SA*, **Brick LA**, Micalizzi L, Spirito A. (2019). Parent-adolescent relationship characteristics and adolescent cannabis use: A growth curve analysis. *Presenter. Poster presented at the annual Mind Brain Research Day at Brown University, March 26, 2019, Providence, RI.
21. Hamm, T. °*, **Brick, L.A.**, Rodriguez-Guzman, V.M., Nugent, N.R. (August, 2018). Posttraumatic stress and emotion regulation: Adolescent perceived risk for future suicidal thoughts. *Presenter. Poster presented at the annual meeting of the American Psychological Association, San Francisco, CA.
22. **Brick LA***, Marraccini M, Micalizzi L, Benca-Bachman C, Knopik V, Palmer RHC. (June 2018). Genetic contributions to suicidal ideation and neurocognitive functioning. In Leslie Brick (chair) "Internalizing Problems". *Presenter. 48th Annual Meeting of the Behavior Genetics Association, Boston, MA.
23. Rosenfeld AZ°*, Aguinaldo, LD, **Brick LA**, Nugent NR. (2018). *Alcohol/Marijuana Use, Sensitivity to Reward, and Suicidal Thoughts and Behaviors in Adolescent Inpatients*. *Presenter. Poster presented at 30th APS Annual Convention, May 24th-27th, 2018, San Francisco, CA.
24. **Brick LA***, Marraccini ME, Army M, Nugent NR. (2018). Gender Differences in Time Varying Effects of Adolescent Affect and Suicidal Ideation Following Discharge from Psychiatric Hospitalization. *Presenter. Paper presented at the annual meeting of Modern Modeling Methods, May 21-24, 2018, Storrs, CT.
25. Junglen AG°*, **Brick LA**, Jensen T, Nugent NR & Delahanty DL. (January, 2018). *The role of CAMK2A in the comorbidity of PTSD/SUD in individuals seeking detoxification treatment*. *Presenter. Poster Presentation at the annual meeting of the NIDA Genetics Consortium Meeting, Rockville, MD.
26. Schulwolf S°*, Kim S, **Brick LA**, Zonfillo M, Nugent NR. (2017). In It for the Long Haul: Exploring Socio-demographic Predictors of Retention in a Longitudinal Study of Adolescents and Parents. **Honorable mention in annual abstract competition.**

- *Presenter. Poster presented at 25th Annual Hospital Research Celebration, Rhode Island Hospital, October 30, 2017, Providence, RI.
27. Hamm T^{o*}, Rodruiguez-Guzman VM, Bello Perez H, Forkus S, **Brick LA**, Nugent, NR. (2017). Emotion regulation and suicidal ideation in an adolescent inpatient population. *Presenter. Poster presented at 25th Annual Hospital Research Celebration, Rhode Island Hospital, October 31st, 2017, Providence, RI.
 28. Wiersma, EA^{o*}, **Brick LA**, Forkus SR, Nugent NR. (2017). Effect of Caregiver-child differences in Emotion Regulation on Suicidal Thoughts and Behaviors. *Presenter. Poster presented at 25th Annual Hospital Research Celebration, Rhode Island Hospital, October 31, 2017, Providence, RI.
 29. Rosenfeld AZ^{o*}, Aguinaldo LD, **Brick LA**, Forkus SR, Nugent NR. (2017). Examining the Relationship Between Alcohol and Marijuana Use, Sensitivity to Reward, and Suicidal Thoughts and Behaviors (STBs). *Presenter. Poster presented at 25th Annual Hospital Research Celebration, Rhode Island Hospital, October 31, 2017, Providence, RI.
 30. Bauerband, L*, **Brick LA**, Velicer WF. (2017). Measurement Implications: Assessment of Invariance in the Everyday Discrimination Scale across Transgender and Sexual Minority Identities. *Presenter. Paper presented at the annual meeting of Modern Modeling Methods, May 22-25, 2017, Storrs, CT.
 31. **Brick LA**, Velicer WF, Redding C, Paiva A. (2017). Intervention effects on stage transitions for adolescent smoking and alcohol use acquisition *Presenter. Paper presented at the annual meeting of Modern Modeling Methods, May 22-25, 2017, Storrs, CT.
 32. **Brick LA***, Micalizzi L, Marraccini ME, Palmer RHC, Knopik VS. (2017). *Additive genomewide effects on DSM-IV Opioid Dependence: Preliminary evidence for genetic correlation*. *Presenter. Poster presented at the annual Mind Brain Research Day at Brown University, March 28, 2017, Providence, RI.
 33. Micalizzi*, L., Marceau, K., **Brick, L. A.**, Palmer, R. H. C., Todorov, A. A., Heath, A. C., Evans, A. & Knopik, V. S. (2017). *Developmental consequences of maternal smoking during pregnancy on offspring auditory memory: A sibling comparison study*. *Presenter. Poster presented at the annual Mind Brain Research Day at Brown University, March 28, 2017, Providence, RI.
 34. Marraccini ME*, **Brick LA**, Armev MF, Nugent NR. (2017). *The time varying effects of psychosocial factors on recovery in youth hospitalized for suicidal thoughts and behaviors*. *Presenter. Poster presented at the annual Mind Brain Research Day at Brown University, March 28, 2017, Providence, RI.
 35. Marceau K*, **Brick LA**, Tarter R. (2017, April). *Boys' testosterone-to-cortisol responsivity ratio and externalizing and substance use problems in adolescence and early adulthood*. *Presenter. Paper to be presented at the annual meeting of the Society for Research in Child Development, Austin, TX.
 36. Feurer C^{o*}, McGeary JE, Knopik VS, **Brick LA**, Palmer RH, & Gibb BE. (2017, April). *Polygenic Reactivity Score Moderates the Impact of Stress on Increases in Depressive Symptoms for Offspring of Depressed Mothers*. *Presenter. Poster to be presented at the annual meeting of the Society for Research in Child Development, Austin, TX.
 37. Marceau K*, **Brick L.**, Knopik VS, & Tarter R. (2016). Cortisol-related genes and

substance use severity at age 16 years. *Presenter. Poster presented at the Genetics and Epigenetics Cross Cutting Research Team of the National Institute on Drug Abuse, December 1-2, Rockville, MD.

38. Brier Z^o*, Marraccini M, **Brick L**, Nugent N, (2016, November). *Examining the role of childhood trauma on negative affect in a recently hospitalized adolescent population*. *Presenter. Poster presented at the International Society for Traumatic Stress Studies 32nd Annual Meeting, November 10-12, 2016, Dallas, Texas.
39. Manning M^o*, **Brick LA**, Brier ZF, Nugent NR. (2016). Reported worry post-discharge in anxious adolescents hospitalized for suicidal thoughts and behaviors. *Presenter. Poster presented at 24th Annual Hospital Research Celebration, Rhode Island Hospital, October 20, 2016, Providence, RI.
40. **Brick LA***, Palmer RHC, Knopik VS, Keller MC. (2016) Investigating shared additive genetic variation for alcohol dependence. *Presenter. Poster presented at the annual meeting of the Research Society on Alcoholism, June 25-29, 2016, New Orleans, LA.
41. **Brick LA***, Nugent NR, Kahana SY, Bruce D, Tanney MR, Fernández MI, Bauermeister JA. (2016). Interaction effects of neighborhood disadvantage and individual social support on frequency of alcohol use in youth living with HIV. *Presenter. Poster presented at the annual meeting of Modern Modeling Methods, May 23-26, 2016, Storrs, CT.
42. **Brick LA***, Palmer RHC, Knopik VS, Keller MC. (2016) Investigating shared additive genetic variation for alcohol dependence. *Presenter, **2nd place winner in Best Postdoctoral Research category**. Poster presented at the annual Mind Brain Research Day at Brown University, March 30, 2016, Providence, RI.
43. Makhaboroda, A^o*; **Brick, LA**; Li, X; Sylvan, T; Marraccini, ME; Nugent, NR (2016, March). Characterizing substance use in adolescents hospitalized for suicidal thoughts and behavior. *Presenter. Poster presented at the 3rd annual Mind Brain Research Day at Brown University, Providence, RI.
44. Brier, Z^o*; Marraccini, M; **Brick, L**; Ovaitte, N; Jolson, M; Nugent, N. (2016, March). Childhood Trauma and Affect Post Discharge in Adolescents Hospitalized for Suicidal Thoughts and Behaviors. *Presenter Poster presented at the 3rd Annual Mind Brain Research Day at Brown University, Providence, Rhode Island.
45. Palmer RHC, **Brick LA**, Knopik VS, Keller MC. (2016) Investigating shared additive genetic variation for alcohol dependence. **3rd place winner of annual abstract competition**. Oral presentation for the annual Golden Helix Inc. Abstract Challenge.
46. Bidwell LC*, Palmer RHC, **Brick, L**, McGeary J, Knopik VS. (2015). Genome-Wide SNP Heritability of Multiple Indices of Nicotine Dependence. *Presenter. Paper presented at the annual meeting of the World Congress on Psychiatric Genetics. Toronto, Canada.
47. Bidwell LC*, Palmer RHC, **Brick L**, Madden PAF, Heath AC, Hutchison KE, Knopik, VS (2015). Effects of maternal smoking during pregnancy on offspring's initial reactions to substance use: A propensity scoring approach. *Presenter. Poster presented at the annual meeting of the Research Society on Alcoholism. San Antonio, Texas.
48. Moghaddam SM*, Echeverria D, Thompson H, Brick M, **Brick L**, McClean P. (2015). Discovering the Genetic Architecture of Dietary Fiber and Oligosaccharide Content in

- Common Bean (*Phaseolus vulgaris*). *Presenter. Poster presented at the Plant and Animal Genome XXIII Conference, January 10-15, 2015, San Diego, CA.
49. Palmer RHC*, **Brick LA**, Nugent NR, Bidwell LC, McGeary JE, Knopik VS, Keller MC. (2014). Genetic effects on comorbid drug dependence: consistent effects across measurements. *Presenter. Poster presented at World Congress of Psychiatric Genetics, October 12-16, Copenhagen, Denmark.
 50. **Brick L**, Knopik VS, Velicer WF, Palmer RHC. (2014) Genome-wide complex trait analysis of shared genetic effects between brain electrophysiology measures and alcohol dependence. Poster presented at 10th Annual Student Pre-Conference, Society of Multivariate Experimental Psychology, October 9-11, 2014, Nashville, TN.
 51. **Brick L**, Knopik VS, Palmer RHC. (2014). An Exploratory Analysis of Shared Genetic Effects between Brain Oscillations and DSM-IV Alcohol Dependence. Poster presented at Systems Biology of Human Disease at Harvard Medical School, June 17-19, Boston, MA.
 52. Palmer RHC*, **Brick L**, Nugent NR, Bidwell LC, McGeary JE, Knopik VS. (2014). Genomewide Genetic and GxE Effects on the Liability to Drug Dependence. *Presenter. Poster presented at Research Society of Alcoholism, June 21-25, 2014, Bellvue, WA.
 53. **Brick L.**, Babbin, SF, Velicer WF. (2014). Using Latent Transition Analysis to Examine Intervention Effectiveness among Subgroups. Poster presented at Modern Modeling Methods Conference, May 21-22, 2014, University of Connecticut, Storrs-Mansfield, CT.
 54. Velicer, W.F.*, **Brick, L.**, Babbin, S. (2013). Extending Testing Theory-based Quantitative Predictions (TTQP) to Two New Behaviors. *Presenter. Paper presented at the American Psychological Association Meeting, August 2, Honolulu, Hawaii.
 55. Robbins M., Paiva A., Davis L., Hyland S., **Brick L.**, Peipert J., Schenk E., Amoyal N., Baldwin K., Waterman A. (2013). Measuring Kidney Patients' Motivation to Pursue Living Donor Kidney Transplant: Development of Stage of Change, Decisional Balance and Self Efficacy Measures. American Transplant Congress, Seattle, WA.
 56. **Brick, L.**, Yang, S., Harlow, L.L. (2013). Mediation analysis of intervention effects on dietary fat reduction using parallel process latent growth modeling. Poster presented at Modern Modeling Methods Conference, May 21-22, 2013, University of Connecticut, Storrs-Mansfield, CT.
 57. **Brick, L.** (2012). Testing Theory-Based Quantitative Behaviors: Tailoring Theory with Specific, Informative, and Empirical Support. Poster presented at 10th Annual Student Pre-Conference, Society of Multivariate Experimental Psychology, October 11-14, 2012, Vancouver, British Columbia.
 58. Harlow, L.*, Duerr, S., Barid, G., Yang, S., **Brick, L.** (2012). Scientific Inference through Statistical Modeling and Hypothesis Testing. *Presenter. Symposium on Moving Science Forward with Varying Inferential Methods presented at European Assoc. of Methodology Congress, July 17-20, 2012, Santiago de Compostela, Spain.
 59. Velicer, W.* , **Brick, L.**, Babbin, S. (2012). Testing Theory-based Quantitative Predictions: Replication and Extension. *Presenter. Symposium on Moving Science Forward with Varying Inferential Methods presented at the European Association of Methodology Congress, July 17-20, 2012, Santiago de Compostela, Spain.
 60. **Brick, L.**,* Robbins, M.L., Paiva, A., Amoyal, N., Harlow, L.L., Kessler, D. (2012). Modeling the roles of mistrust, myths, and knowledge with blood donation behavior.

*Presenter. Poster presentation at the Association for Psychological Science Annual Convention, May 24-27, 2012, Chicago, IL, USA

61. **Brick, L.A.**, Brick, M.A.*, Echeverria, D., Thompson, H.J., and Kleintop, A. (2011). Variation for dietary fiber content in dry edible beans. Oral Presentation at the Western Society of Crop Science Meetings, June 20-22, 2011, Laramie, WY. *Presenter. Published abstract in American Society of Agronomy Abstracts, 2011, Madison, WI.
62. McGee, H. A. *, **Brick, L.**, Babbin, S. F., Pavia, A., Redding, C., Oatley, K., Meier, K., Sillice, M., & Velicer, W. F. (2011, April). *Presenter. Psychometric assessment of the Decisional Balance Inventory for smoking prevention in middle school students. Poster presented at annual meeting of the Society of Behavioral Medicine, Washington, D.C.
63. Barnett, A.G., **Brick, L.A.**, Hester, L.L., McGinley, J.N., and Thompson, H.J. (2007). Utilization of High Resolution Digital Image Acquisition to Investigate Mammary Carcinogenesis in the Rat. Poster presented at National Society for Histotechnology Conference, Denver, CO.

INVITED PRESENTATIONS

1. **Brick, L.** (2011). Psychological barriers to blood donation in African Americans: Does knowledge play a role? Oral presentation at the Annual Structural Equation Modeling Symposium, Department of Psychology, December 5, 2011, Kingston, RI.
2. **Brick, L.**, Yin, H., Babbin, S. (2012) Introduction to Statistical Computing with SPSS. Workshop given at the University of Rhode Island, April, 9, 2012, Kingston, Rhode Island.
3. Babbin, S., **Brick, L.**, Yin, H. (2012). Introduction to Statistical Computing with SAS. Workshop given at the University of Rhode Island, March 30, 2012, Kingston, Rhode Island.
4. **Brick, L.***, Yin, H., Babbin, S. (2012). Psychology Department Statistics Consultation: A Semester in Review, Spring 2012. *Presenter. Presented at the University of Rhode Island Psychology Department Colloquium, May 7, 2012, Kingston, Rhode Island.
5. **Brick LA.** (2015). Examination of Intervention Effects on State Transitions Among Adolescent Substance Abuse Behaviors. Invited talk at the Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University. March 16, 2015. Richmond, VA.
6. **Brick, LA.** (2015). Challenges and opportunities: Large, molecular genetic datasets in behavioral research. Invited talk at the Cancer Prevention Research Center, University of Rhode Island. November 18, 2015. Kingston, RI.
7. **Brick LA.** (2015). Introduction to R Computing. Invited workshop for the Behavior Genetics Seminar Series at Rhode Island Hospital, October 22, 2015, Providence, RI.
8. **Brick LA.** (2012-2018). Latent Growth Curve Modeling: A Special Case of SEM, Annual lecture in the Department of Psychology, University of Rhode Island. Course: Structural Equation Modeling (Graduate Level). Kingston, RI.
9. **Brick, LA.** (2017). Longitudinal Frameworks for Understanding Risk and Transition. Invited talk at the Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University. September 12, 2017. Providence, RI.
10. **Brick LA.,*** Armeiy, M.* (2018). Novel multimethod approaches and statistical techniques in the prediction of suicide risk. *Co-presenters. Presented at Robert J. & Nancy D. Carney

Institute for Brain Science “Bench to Bedside” Seminar Series. October 25, 2018.
Providence, RI.

11. **Brick LA.** (2023). Methods Spotlight: Genomic Structural Equation Modeling (SEM). Presented at the Genomics and Trauma Special Interest Group “Coffee Break” Seminar for the International Society for Traumatic Stress Studies. February 15, 2023. Remote via videoconference.

GRANTS

PAST PI:

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| 2019-2021 | Rhode Island Center for Clinical and Translational Science - Building an Infrastructure and Dynamic Dataset for AD Risk Assessment (Project PI: Brick, Leslie)
U54-GM115677
Project Primary Investigator
This study leverages machine learning techniques to develop machine learning prediction algorithms for cognitive decline in Alzheimer’s Disease risk using novel biomarkers and large repository data. |
| 2022 | RIH Injury Control COBRE: A prospective study of posttraumatic stress symptom development and cannabis use among trauma exposed injured emerging adults following Emergency Department discharge (Project PI: Brick, Leslie)
P20-GM139664
This pilot study prospectively examines the interplay between cannabis use and the development of posttraumatic stress symptoms during the acute posttrauma period using ecological methods. |

CURRENT PI:

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| 2022-present | Cannabis use following trauma exposure: An observational study of the impact of acute stress and fear response on cannabis outcomes (MPI: Brick, Leslie; Nugent, Nicole)
R01 DA054116
Contact PI
The present investigation examines in vivo momentary and biological processes implicated in the development of negative outcomes of trauma including cannabis misuse and posttraumatic stress disorder among emerging adults during the acute posttrauma period. |
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PAST CO-I (20 total):

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| 2017-2022 | Predicting Suicide: A Longitudinal Analysis of Speech Patterns in a High Risk Sample (MPIs: Schatten, Healthier & Miller, Ivan)
R01-MH108610 |
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- Co-Investigator
This project is an observational study of unstructured speech patterns as a marker of suicide risk among discharged psychiatric patients.
- 2017-2022 **Computer-Assisted Brief Intervention Protocol for Marijuana Using Juvenile Offenders (PI: Spirito, Anthony)**
R34-DA042247
Co-Investigator
This study will examine the feasibility of implementing one potential model for increasing access to substance use interventions in a juvenile justice setting by using: 1) a computer- assisted intervention addressing marijuana use for adolescents, and 2) a computer program on strategies to improve management of teens who misuse drugs for parents.
- 2018 **Modulating Impulsivity in Suicidal Adolescents With tDCS: A Proof of Concept Study (PI: Liu, Richard)**
R21-MH112055
Co-Investigator
This proof-of-concept study seeks to determine whether transcranial direct current stimulation (tDCS) may affect impulsive cognition and behavior in adolescent suicide attempters.
- 2018-2019 **Life Stressors, Impulsivity, and Adolescent Behavior (PI: Liu, Richard)**
R01-MH101138
Co-Investigator
This observational study concerns risk for recurrence of suicide attempts among adolescents.
- 2018-2019 **Evaluation of the Coping Long Term with Active Suicide Program (PI Miller, Ivan)**
R01 MH101129
Co-Investigator
This project will evaluate an innovative intervention specifically designed to reduce suicidal behavior in a high risk group of suicidal inpatients.
- 2018-2019 **RCT of a tailored walking program to reduce stress among pregnant women (PI: Battle)**
R01 NR014540
Co-Investigator
The research involves a randomized controlled trial to contrast a prenatal walking program versus health education control among 152 pregnant women.
- 2018-2020 **Cognitive characteristics of short-term risk for suicidal behavior in adolescents (PI: Liu, Richard)**
R01-MH115905
Co-investigator
The purpose of this project is to clarify the neurocognitive processes underlying short-term risk for suicidal behavior in a high-risk adolescent clinical sample.
- 2018-2021 **Initiating and Maintaining Physical Activity in Depressed Individuals (MPI: Abrantes & Uebelacker)**

- R01-HL127695
Co-Investigator
This proposed intervention study seeks to promote the adoption and maintenance of exercise behavior among persons with depression.
- 2018-2022 **Integrated Treatment Adherence Program for Bipolar Disorder at the Time of Prison Release (PI: Weinstock, Lauren)**
R34-MH117198
Co-Investigator
This proposal represents the first attempt to develop and pilot a targeted transitional interventional for BD among prisoners, laying the groundwork for a larger clinical trial (R01) to evaluate the effectiveness of CARE for improving clinical outcomes for this seriously ill, high risk, understudied population
- 2018-2022 **Efficacy of a Prenatal Yoga Intervention for Antenatal Depression (PI: Battle, Cynthia)**
R01 HD081868
Co-Investigator
This study will involve a randomized controlled trial to evaluate a gentle prenatal yoga class compared to a prenatal health education workshop in lowering depressive symptoms among pregnant women with antenatal depression.
- 2018-2022 **Screening and Brief Intervention for Suicidality and Nonsuicidal Self-Injury Among Youth in the Juvenile Justice System (PI: Spirito, Anthony)**
R34-MH114307
Co-Investigator
This study will examine the feasibility and acceptability of a program designed to conduct safety planning with youth in the Juvenile Justice System who are at risk for a Suicide attempt and/or Self-Injury and to increase the possibility of them receiving outpatient mental health treatment,
- 2018-2022 **Reducing the Duration of Untreated Illness Among Youth in the Juvenile Justice System with Psychosis-Spectrum Disorders (PI: Spirito)**
R34-MH115457
Co-Investigator
This study will examine the feasibility of identifying youth in the Juvenile Justice System with thought disturbances and referring them to a specialized state program serving youth. We will train staff in ways to improve the chances that families will follow through with their referral for mental health care.
- 2018-2022 **Brief Individual and Parent Interventions for Marijuana Misuse in Truant Adolescents (PI: Spirito, Anthony)**
R01-DA045396
Co-Investigator

- The goal of this application is to find out if a Brief, motivation-building approach with parents and teens who have been involved in the juvenile justice system results in better outcomes for marijuana use and truancy than standard educational information.
- 2018-2022 **Risk Profiles and Mechanisms of Disease in Maltreated Children (PI: Tyrka)**
R01-HD086487
Co-Investigator
The goal of this observational study is to identify risk and protective profiles for the development of psychiatric and medical conditions in a high-risk sample of children. This involves a follow-up of a study of maltreated and non- maltreated preschool-age children 5 years later at age 8-10.
- 2018-2023 **Predicting Adult Outcomes in Bipolar Youth (PROBY) (PI: Yen, Shirley)**
R01-MH112543
Co-Investigator
The goal of PROBY is to examine what happens to youth with bipolar disorders (BP) once they become adults, including mood symptoms, suicidal behaviors, substance abuse, psychosocial and cognitive functioning, and cardiovascular illnesses.
- 2018-2022 **Integrating Computer-Assisted Parent Training Therapy into Community Mental Health Clinic Practice (PI: Wolff, Jennifer)**
R34-MH113598
Co-Investigator
The proposed study will evaluate a low cost, low intensity, technology based model for delivering parenting skills to parents of adolescents in a community mental health clinic.
- 2018-2023 **Brain/behavior mechanisms of irritability and cognitive flexibility in children (PI: Dickstein, Daniel)**
R01-MH111542
Co-Investigator
The long-term goal of the proposed research is to improve the biological classification and treatment irritability in children.
- 2018-2023 **Non-Suicidal Self Injury in children: Brain/behavior alterations and risk for Suicidal Behavior (PI: Dickstein, Daniel)**
Co-Investigator
R01-MH110379
This is an observational study of neural signatures of adolescents with non-suicidal self-injury (NSSI).
- 2019-2021 **Treatment Development of Yoga for Anger Management in Incarcerated Adults (MPIs: Weinstock, Lauren & Uebelacker, Lisa)**
R34 AT010172
Co-Investigator
This project proposed to develop and pilot a Hatha yoga intervention for dysregulated anger and reactive aggression in incarcerated adults.

- 2019-2021 **Eating Related Self Regulation and Its Neural Substrates as Mechanisms Underlying the Sleep/Eating Behavior Association (PI: Goldschmidt, Andrea)**
R01 HL147914
Co-Investigator
The proposed mechanistic clinical trial aims to assess the effects of an experimental sleep manipulation on eating-related self-regulation and its neural substrates, and on real-world eating behavior, among children with overweight/obesity.
- CURRENT CO-I (14 total):
- 2018-present **Comparison of Patient-Centered versus Provider-Centered Delivery of Cognitive Behavioral Treatment (CBT) for Pediatric Anxiety and Obsessive Compulsive Disorder (OCD) (PI: Freeman, Jennifer)**
PCORI
Co-Investigator
There is strong evidence that cognitive behavioral therapy (CBT) with exposure is the preferred treatment for youth with anxiety disorders, but outpatient services that provide this type of treatment are limited. The present 5-year study aims to compare the efficacy, efficiency, and feasibility of patient-centered, home-based CBT with a traditional office-based model of care.
- 2020-present **Executive Functioning, Weight Trajectories, and Loss of Control Eating in Children with Overweight/Obesity: A Prospective Study (PI: Goldschmidt, Andrea)**
R01 DK120597
Co-Investigator
This study, which is the first to prospectively examine associations among general and food-specific EF, weight trajectories, and LOC eating, has clear potential to advance scientific and clinical understanding of mechanisms that promote the onset and maintenance of maladaptive eating in youth and inform interventions to alleviate their cumulative personal and societal burden.
- 2020-present **Longitudinal Assessment of the Sleep-Suicide Link in Veterans Discharged from Inpatient Psychiatric Care (PIs: Primack, Jennifer & McGeary, John)**
VA 650D15016
Co-investigator
This goal of this study is to examine how sleep impacts suicide behaviors in Veterans recently discharged from inpatient psychiatric hospitalization by using a multimodal, longitudinal assessment of sleep, suicide behaviors, and related mechanisms in the 6-month period following psychiatric hospitalization.
- 2020-present **Dynamic Impacts of Sleep Disruption on Ecologically Assessed Affective, Behavioral, and Cognitive Risk Factors for Suicide (PIs: Bozzay, Melanie & Arme, Michael)**

- R01 MH124832
Co-investigator
The proposed study aims to characterize proximal risk for suicide using intensive longitudinal methods and to identify “windows” of greatest risk for suicide, which may vary from person to person, that serve as markers for intensive intervention.
- 2021-present **Distinct Steroid Mechanisms in Menstrual Cycle Exacerbation of Psychopathology (PI: Peters, Jessica)**
R01MH126940
Co-investigator
The major goals of this project are to evaluate a novel theory of how changes in ovarian hormones differentially exacerbate psychopathology across the menstrual cycle, by examining links from hormones to behavioral mechanisms to symptoms in a sample of female individuals with borderline personality disorder symptoms.
- 2021-present **Examining feasibility, acceptability, and sustainability, of a novel personalized smartphone intervention for suicide (PI: Schatten, Heather)**
R34 MH124971
Co-investigator
This study examines a novel smartphone intervention for suicide.
- 2021-present **Examining Highly Palatable Food Consumption upon Initiation of Methadone Maintenance Treatment (PI: Abrantes, Ana)**
R21 DA052133
Co-Investigator
Understanding associations between negative affect, opioid cravings, and consumption and cravings for highly palatable foods is critical. We will conduct a prospective study of patients with opioid use disorder who recently initiated methadone maintenance treatment utilizing ecological momentary assessment methodology.
- 2022-present **Development of a lifestyle physical activity intervention to address perinatal cannabis use (PI: Battle, Cynthia)**
R34 DA055317
Co-Investigator
We propose to develop and pilot-test an LPA intervention for pregnant women with recent cannabis use, and to obtain data on the intervention’s feasibility and acceptability.
- 2022-present **Administrative Supplement to Development of a lifestyle physical activity intervention to address perinatal cannabis use (PI: Battle, Cynthia)**
R34 DA055317-S1
Co-Investigator
The purpose of this administrative supplement is to examine mechanisms of action of a new physical activity intervention designed for women who are pregnant and seeking to reduce their use of cannabis.

- 2022-present **Improving mental health among the LGBTQ+ community impacted by the COVID-19 pandemic (MPI: Moitra, Ethan; Chan, Philip)**
R01-MH132348
Co-Investigator
This study will conduct a Hybrid Type 1 Effectiveness-Implementation trial.
- 2022-present **Attentional biases for affective cues as a mechanism of risk in children of depressed mothers (PI: Gibb, Brandon)**
R01MH130397
Co-Investigator
The present investigation examines mechanisms of risk for children of depressed mothers using laboratory-based assessments of attentional bias and affective cues.
- 2022-present **Mechanisms of Accelerated Aging: Stress, Health Behaviors, and the Role of Mitochondria (PI: Tyrka, Audrey)**
R21AG077332
Co-Investigator
To examine associations of early adversity with markers of molecular aging, test associations of these markers with hormonal, inflammatory, and oxidative stress mediators, and examine the effects of health behaviors.
- 2022-present **Ecological Assessment of Proximal Risk Factors for Suicide During Care Transitions (MPI: Hughes, Chris; Armev, Michael; Schatten, Heather)**
R01MH128248
Co-Investigator
This study aims to identify proximal risk factors for suicide and use intensive longitudinal methods to characterize the relationships among affective and contextual factors before and after discharge from psychiatric hospitalization.
- 2022-present **COVID19 Vaccine Hesitancy Among Pregnant Women at Risk for Health Disparities.**
R21HD110912
Co-Investigator
The purpose of this grant is to examine factors influencing vaccine uptake and refusal among pregnant women at risk for health disparities, including both patient and provider factors.

MENTORSHIP/SUPERVISION:

K award mentorship, Co-mentor (7 total): K23-MH122587 (PI Kudinova, 4/1/2020-3/31/25); K23-DK132500 (PI Egbert, 9/15/22-8/31/27); K23-AT011388 (PI Kraines, 1/1/22-/12/31/26); K08-DA056697 (PI Brown, 9/1/22-8/31/27); K01-PI MH129510 (PI Camerota, 4/1/22-3/31/27); K23-MH122737 (PI Bettis, 1/1/21-10/31/24); **Consultant (1 total):** K23-MH122775 (PI Marraccini, 7/9/2020-6/30/24).

F award mentorship, Co-mentor (2 total): F32-MH131285 (PI Haliczzer, 9/15/22-9/14/24); F31-AA031157 (PI Grocott)

Postdoctoral Fellows, 2 incoming for fall 2023 (Gemma Wallace and Katherine Ingram); 2019-2021 (Matthew Carper)

Clinical Psychology Residents, 2 incoming for fall 2023 (Aleksandrs Karnick & Esther Palacios); 2022-2023 (Gemma Wallace)

UNIVERSITY TEACHING ROLES

Courses:

Instructor, Quantitative Sciences Program Seminar, 2018-2020

Introduction to R Programming (~15 students)

Multilevel Modeling (~20 students)

Summer at Brown Teaching Instructor, Brown University, 2019, 2022

Conducting Research at the Forefront of Science: Mental Health, Policy, and

Social Implications of Cannabis Use in the U.S. (Summer course, ~9-32 students)

Summer at Brown Teaching Associate, Brown University, 2014-2017

Psychological Responses to Stress and Trauma (Summer course, ~30 students)

Psychology of Resilience (Summer course, ~30 students)

Graduate Teaching Assistant, University of Rhode Island, Department of Psychology, 2013-2015

Laboratory Instructor: Experimental Design (Graduate course, ~40 students)

Laboratory Instructor: Advanced Quantitative Methods in Psychology (Graduate, ~30 students)

Instructor, University of Rhode Island, College of Continuing Education, 2012

Quantitative Methods in Psychology (Undergraduate course, ~40 students)

Graduate Teaching Assistant, University of Rhode Island, Department of Psychology, 2011

Honors section of Quantitative Methods in Psychology (Undergraduate course, ~40 students)

Undergraduate Teaching Assistant, University of Colorado – Boulder, Department of Psychology and Neuroscience, 2008

General Psychology (Undergraduate course, ~30 students)