

## COBRE PUBLICATIONS

### 2013

1. Ades PA, Keteyian SJ, Balady GJ, Houston-Miller N, Kitzman DW, Mancini DM, Rich MW. Cardiac rehabilitation exercise and self-care for chronic heart failure. *JACC Heart Fail.* 2013 Dec;1(6):540-7. doi: 10.1016/j.jchf.2013.09.002. Epub 2013 Oct 24. PMID: 24622007; PMCID: PMC4271268.

### 2014

2. Ades PA. A controversial step forward: A commentary on the 2013 ACC/AHA guideline on the treatment of blood cholesterol to reduce atherosclerotic cardiovascular risk in adults. *Coron Artery Dis.* 2014;25(4):360-363. PMCID: PMC4107357.
3. Althoff RR, Kuny-Slock AV, Verhulst FC, Hudziak JJ, van der Ende J. Classes of oppositional-defiant behavior: concurrent and predictive validity. *J Child Psychol Psychiatry.* 2014;55(10):1162-1171. PMCID: PMC4159429.
4. Berkman A, F Cole B, Ades PA, Dickey S, Higgins ST, Trentham-Dietz A, Sprague BL, Lakoski SG. Racial differences in breast cancer, cardiovascular disease, and all-cause mortality among women with ductal carcinoma in situ of the breast. *Breast Cancer Res Treat.* 2014;148(2):407-413. PMCID: PMC4372117.
5. Bradstreet MP, Higgins ST, McClernon FJ, Kozink RV, Skelly JM, Washio Y, Lopez AA, Parry MA. Examining the effects of initial smoking abstinence on response to smoking-related stimuli and response inhibition in a human laboratory model. *Psychopharmacology (Berl).* 2014;231(10):2145-2158. PMCID: PMC4123458.
6. Davis DR, Kurti AN, Skelly JM, Redner R, White TJ, Higgins ST. A review of the literature on contingency management in the treatment of substance use disorders, 2009-2014. *Prev Med.* 2016;92:36-46. PMCID: PMC5385000.
7. Gaalema DE, Higgins ST, Shepard DS, Suaya JA, Savage PD, Ades PA. State-by-state variations in cardiac rehabilitation participation are associated with educational attainment, income, and program availability. *J Cardiopulm Rehabil Prev.* 2014;34(4):248-254. PMCID: PMC4098712.
8. Hand DJ, Heil SH, Sigmon SC, Higgins ST. Improving Medicaid health incentives programs: lessons from substance abuse treatment research. *Prev Med.* 2014;63:87-89. PMCID: PMC4043298.
9. Harvey JR, Ogden DE. Obesity treatment in disadvantaged population groups: where do we stand and what can we do? *Prev Med.* 2014;68:71-75. PMCID: PMC4452994.
10. Heil SH, Herrmann ES, Badger GJ, Solomon LJ, Bernstein IM, Higgins ST. Examining the timing of changes in cigarette smoking upon learning of pregnancy. *Prev Med.* 2014;68:58-61. PMCID: PMC4252916.
11. Higgins ST. Behavior change, health, and health disparities: an introduction. *Prev Med.* 2014;68:1-4. PMCID: PMC4338024.

### COBRE PUBLICATIONS

12. Higgins ST, Washio Y, Lopez AA, Heil SH, Solomon LJ, Lynch ME, Hanson JD, Higgins TM, Skelly JM, Redner R, Bernstein IM. Examining two different schedules of financial incentives for smoking cessation among pregnant women. *Prev Med.* 2014;68:51-57. PMID: PMC4183736.
13. Patrick ME, Dunn KE, Badger GJ, Heil SH, Higgins ST, Sigmon SC. Spontaneous reductions in smoking during double-blind buprenorphine detoxification. *Addict Behav.* 2014;39(9):1353-1356. PMID: PMC4083850.
14. Peel AB, Thomas SM, Dittus K, Jones LW, Lakoski SG. Cardiorespiratory fitness in breast cancer patients: a call for normative values. *J Am Heart Assoc.* 2014;3(1):e000432. PMID: PMC3959685.
15. Razavi M, Fournier S, Shepard DS, Ritter G, Strickler GK, Stason WB. Effects of lifestyle modification programs on cardiac risk factors. *PLoS One.* 2014;9(12):e114772. PMID: PMC4260956.
16. Redner R, White TJ, Harder VS, Higgins ST. Examining vulnerability to smokeless tobacco use among adolescents and adults meeting diagnostic criteria for major depressive disorder. *Exp Clin Psychopharmacol.* 2014;22(4):316-322. PMID: PMC4124457.
17. Rengo JL, Savage PD, Toth MJ, Ades PA. Statin therapy does not attenuate exercise training response in cardiac rehabilitation. *J Am Coll Cardiol.* 2014;63(19):2050-2051. PMID: PMC4107451.
18. Sigmon SC, Kennedy AG. The prescription opioid abuse epidemic in rural America: a look at how it begins. *J Opioid Manag.* 2014;10(4):225-226. PMID: 25162602.
19. Vurbic D, Higgins ST, McDonough SR, Skelly JM, Bernstein IM. Maternal body mass index moderates the influence of smoking cessation on breast feeding. *Nicotine Tob Res.* 2014;16(5):527-535. PMID: PMC3977482.
20. Whelan R, Watts R, Orr CA, Althoff RR, Artiges E, Banaschewski T, Barker GJ, Bokde AL, Buchel C, Carvalho FM, Conrod PJ, Flor H, Fauth-Buhler M, Frouin V, Gallinat J, Gan G, Gowland P, Heinz A, Ittermann B, Lawrence C, Mann K, Martinot JL, Nees F, Ortiz N, Paillere-Martinot ML, Paus T, Pausova Z, Rietschel M, Robbins TW, Smolka MN, Strohle A, Schumann G, Garavan H, Consortium I. Neuropsychosocial profiles of current and future adolescent alcohol misusers. *Nature.* 2014;512(7513):185-189. PMID: PMC4486207.
21. White TJ, Redner R, Skelly JM, Higgins ST. Examining educational attainment, prepregnancy smoking rate, and delay discounting as predictors of spontaneous quitting among pregnant smokers. *Exp Clin Psychopharmacol.* 2014;22(5):384-391. PMID: PMC4180793

### 2015

22. Ades PA. A lifestyle program of exercise and weight loss is effective in preventing and treating type 2 diabetes mellitus: Why are programs not more available? *Prev Med.* 2015;80:50-52. PMID: PMC4581884.
23. Bauld L, Sinclair L. Rewarding smoking cessation in pregnancy-will women cheat to gain incentives? *Addiction.* 2015 Apr;110(4):689-90. doi: 10.1111/add.12851. PMID: 25771693.

### COBRE PUBLICATIONS

24. Ades PA, Savage PD, Marney AM, Harvey J, Evans KA. Remission of recently diagnosed type 2 diabetes mellitus with weight loss and exercise. *J Cardiopulm Rehabil Prev.* 2015;35(3):193-197. PMID: PMC4409919.
25. Berkman AM, Lakoski SG. Treatment, behavioral, and psychosocial components of cardiovascular disease risk among survivors of childhood and young adult cancer. *J Am Heart Assoc.* 2015;4(4). PMID: PMC4579959.
26. Berkman AM, Trentham-Dietz A, Dittus K, Hart V, Vatovec CM, King JG, James TA, Lakoski SG, Sprague BL. Health behavior change following a diagnosis of ductal carcinoma in situ: An opportunity to improve health outcomes. *Prev Med.* 2015;80:53-59. PMID: PMC4592364.
27. Crehan ET, Althoff RR. Measuring the stare-in-the-crowd effect: a new paradigm to study social perception. *Behav Res Methods.* 2015;47(4):994-1003. PMID: 25413778.
28. Dittus KL, Lakoski SG, Savage PD, Kokinda N, Toth M, Stevens D, Woods K, O'Brien P, Ades PA. Exercise-based oncology rehabilitation: leveraging the cardiac rehabilitation model. *J Cardiopulm Rehabil Prev.* 2015;35(2):130-139. PMID: PMC4342296.
29. Dunn, KE, Saulsgiver KA, Miller ME, Nuzzo PA, Sigmon SC. Characterizing opioid withdrawal during double-blind buprenorphine detoxification. *Drug Alcohol Depend.* 2015; 151:47-55. PMID: PMC4447545.
30. Fenn JM, Laurent JS, Sigmon SC. Increases in body mass index following initiation of methadone treatment. *J Subst Abuse Treat.* 2015;51:59-63. PMID: PMC4346498.
31. Gaalema DE, Cutler AY, Higgins ST, Ades PA. Smoking and cardiac rehabilitation participation: Associations with referral, attendance and adherence. *Prev Med.* 2015;80:67-74. PMID: PMC4592377.
32. Gaalema DE, Miller ME, Tidey JW. Predicted impact of nicotine reduction on smokers with affective disorders. *Tob Regul Sci.* 2015;1(2):154-165. PMID: PMC4517852.
33. Higgins ST. Borrowing from tobacco control to curtail the overweight and obesity epidemic: Leveraging the U.S. Surgeon General's Report. *Prev Med.* 2015;80:47-49. PMID: PMC4490146.
34. Higgins ST. Editorial: 2nd Special Issue on behavior change, health, and health disparities. *Prev Med.* 2015;80:1-4. PMID: PMC4778247.
35. Higgins ST, Heil SH. Continuing efforts to improve cessation outcomes with pregnant cigarette smokers. *Addiction.* 2015;110(4):690-692. PMID: PMC4412735.
36. Higgins ST, Kurti AN, Redner R, White TJ, Gaalema DE, Roberts ME, Doogan NJ, Tidey JW, Miller ME, Stanton CA, Henningfield JE, Atwood GS. A literature review on prevalence of gender differences and intersections with other vulnerabilities to tobacco use in the United States, 2004-2014. *Prev Med.* 2015;80:89-100. PMID: 26123717. PMID: PMC4592404.
37. Lakoski SG, Jones LW, Krone RJ, Stein PK, Scott JM. Autonomic dysfunction in early breast cancer: Incidence, clinical importance, and underlying mechanisms. *Am Heart J.* 2015;170(2):231-241. PMID: 26299219. PMID: PMC4548856.

### COBRE PUBLICATIONS

38. Lakoski SG, Savage PD, Berkman AM, Penalosa L, Crocker A, Ades PA, Kahn SR, Cushman M. The safety and efficacy of early-initiation exercise training after acute venous thromboembolism: a randomized clinical trial. *J Thromb Haemost.* 2015;13(7):1238-1244. PMID: 25912176.
39. Lakoski SG, Willis BL, Barlow CE, Leonard D, Gao A, Radford NB, Farrell SW, Douglas PS, Berry JD, DeFina LF, Jones LW. Midlife cardiorespiratory fitness, incident cancer, and survival after cancer in men: The Cooper Center Longitudinal Study. *JAMA Oncol.* 2015;1(2):231-237. PMID: PMC5635343.
40. Lopez AA, Skelly JM, Higgins ST. Financial incentives for smoking cessation among depression-prone pregnant and newly postpartum women: effects on smoking abstinence and depression ratings. *Nicotine Tob Res.* 2015;17(4):455-462.. PMID: PMC4402351.
41. Lopez AA, Skelly JM, White TJ, Higgins ST. Does impulsiveness moderate response to financial incentives for smoking cessation among pregnant and newly postpartum women? *Exp Clin Psychopharmacol.* 2015;23(2):97-108. PMID: PMC4388785.
42. Meyer AC, Miller ME, Sigmon SC. Lifetime history of heroin use is associated with greater drug severity among prescription opioid abusers. *Addict Behav.* 2015;42:189-193. PMID: PMC4272898.
43. Meyer M, Phillips J. Caring for pregnant opioid abusers in Vermont: a potential model for non-urban areas. *Prev Med.* 2015;80:18-22. PMID: PMC4592470.
44. Miller ME, Sigmon SC. Are pharmacotherapies ineffective in opioid-dependent smokers? reflections on the scientific literature and future directions. *Nicotine Tob Res.* 2015;17(8):955-959. PMID: PMC4830239.
45. Peel AB, Barlow CE, Leonard D, DeFina LF, Jones LW, Lakoski SG. Cardiorespiratory fitness in survivors of cervical, endometrial, and ovarian cancers: The Cooper Center Longitudinal Study. *Gynecol Oncol.* 2015;138(2):394-397. PMID: 26026734.
46. Rohsenow DJ, Tidey JW, Kahler CW, Martin RA, Colby SM, Sirota AD. Intolerance for withdrawal discomfort and motivation predict voucher-based smoking treatment outcomes for smokers with substance use disorders. *Addict Behav.* 2015;43:18-24. PMID: PMC4304939.
47. Savage J, Verhulst B, Copeland W, Althoff RR, Lichtenstein P, Roberson-Nay R. A genetically informed study of the longitudinal relation between irritability and anxious/depressed symptoms. *J Am Acad Child Adolesc Psychiatry.* 2015;54(5):377-384. PMID: PMC4407138.
48. Savage PD, Rengo JL, Menzies KE, Ades PA. Cardiac rehabilitation after heart valve surgery: comparison with coronary artery bypass graft patients. *J Cardiopulm Rehabil Prev.* 2015;35(4):231-237. PMID: PMC4483139.
49. Sigmon SC. Interim treatment: Bridging delays to opioid treatment access. *Prev Med.* 2015;80:32-36. PMID: PMC4592374.
50. Sigmon SC. The untapped potential of office-based buprenorphine treatment. *JAMA Psychiatry.* 2015;72(4):395-396. PMID: 25671806.

### COBRE PUBLICATIONS

51. Sigmon SC, Meyer, AC, Hruska B, Ochalek T, Rose G, Badger GJ, Brooklyn JR, Heil SH, Higgins ST, Moore BA, Schwartz RP. Bridging waitlist delays with interim buprenorphine treatment: initial feasibility. *Addict Behav.* 2015;51:136-142. PMID: PMC4558243.
52. Spechler PA, Orr CA, Chaarani B, Kan KJ, Mackey S, Morton A, Snowe MP, Hudson KE, Althoff RR, Higgins ST, Cattrell A, Flor H, Nees F, Banaschewski T, Bokde AL, Whelan R, Buchel C, Bromberg U, Conrod P, Frouin V, Papadopoulos D, Gallinat J, Heinz A, Walter H, Ittermann B, Gowland P, Paus T, Poustka L, Martinot JL, Artiges E, Smolka MN, Schumann G, Garavan H, Consortium I. Cannabis use in early adolescence: evidence of amygdala hypersensitivity to signals of threat. *Dev Cogn Neurosci.* 2015;16:63-70. PMID: PMC4801124.
53. Tidey JW, Miller ME. Smoking cessation and reduction in people with chronic mental illness. *BMJ.* 2015;351:h4065. PMID: PMC4707528.
54. Vurbic D, Harder VS, Redner RR, Lopez AA, Phillips JK, Higgins ST. Co-occurring obesity and smoking among U.S. women of reproductive age: associations with educational attainment and health biomarkers and outcomes. *Prev Med.* 2015;80:60-66. PMID: PMC4592382.
55. White TJ, Redner R, Skelly JM, Higgins ST. Examination of a recommended algorithm for eliminating nonsystematic delay discounting response sets. *Drug Alcohol Depend.* 2015;154:300-303. PMID: PMC4752816.

### 2016

56. Valeri L, Chen JT, Garcia-Albeniz X, Krieger N, VanderWeele TJ, Coull BA. The Role of Stage at Diagnosis in Colorectal Cancer Black-White Survival Disparities: A Counterfactual Causal Inference Approach. *Cancer Epidemiol Biomarkers Prev.* 2016 Jan;25(1):83-9. doi: 10.1158/1055-9965.EPI-15-0456. Epub 2015 Oct 26. PMID: 26503034; PMID: PMC4713332.
57. Althoff RR, Ametti M, Bertmann F. The role of food insecurity in developmental psychopathology. *Prev Med.* 2016;92:106-109. PMID: PMC5085882.
58. Althoff RR, Crehan ET, He JP, Burstein M, Hudziak JJ, Merikangas KR. Disruptive mood dysregulation disorder at ages 13-18: results from the National Comorbidity Survey-Adolescent Supplement. *J Child Adolesc Psychopharmacol.* 2016;26(2):107-113. PMID: PMC4800387
59. James TA, Kreiger L, Zia A, Gaalema D, Jones CA. A Practical Framework for Incentive-Based Cancer Prevention. *Popul Health Manag.* 2016 Dec;19(6):377-379. doi: 10.1089/pop.2016.0007. Epub 2016 Apr 28. PMID: 27123744; PMID: PMC6453489.
60. Tidey JW. A behavioral economic perspective on smoking persistence in serious mental illness. *Prev Med.* 2016 Nov;92:31-35. doi: 10.1016/j.ypmed.2016.05.015. Epub 2016 May 16. PMID: 27196141; PMID: PMC5085837.
61. Crannell WC, Clark E, Jones C, James TA, Moore J. A pattern-matched Twitter analysis of US cancer-patient sentiments. *J Surg Res.* 2016 Dec;206(2):536-542. doi: 10.1016/j.jss.2016.06.050. Epub 2016 Jun 25. PMID: 27523257.

### COBRE PUBLICATIONS

62. Bickel WK, Moody L, Higgins ST. Some current dimensions of the behavioral economics of health-related behavior change. *Prev Med.* 2016;92:16-23. PMID: PMC5085840.
63. Chivers LL, Hand DJ, Priest JS, Higgins ST. E-cigarette use among women of reproductive age: Impulsivity, cigarette smoking status, and other risk factors. *Prev Med.* 2016;92:126-134. PMID: PMC5085878.
64. Gaalema DE, Savage PD, Rengo JL, Cutler AY, Higgins ST, Ades PA. Financial incentives to promote cardiac rehabilitation participation and adherence among Medicaid patients. *Prev Med.* 2016;92:47-50. PMID: PMC4985497.
65. Hart V, Sprague BL, Lakoski SG, Hampton JM, Newcomb PA, Gangnon RE, Trentham-Dietz A. Trends in health-related quality of life after a diagnosis of ductal carcinoma in situ. *J Clin Oncol.* 2016;34(12):1323-1329. PMID: PMC4872345.
66. Higgins ST. Editorial: 3rd Special Issue on behavior change, health, and health disparities. *Prev Med.* 2016;92:1-5. PMID: PMC5384999.
67. Higgins ST, Kurti AN, Redner R, White TJ, Keith DR, Gaalema DE, Sprague BL, Stanton CA, Roberts ME, Doogan NJ, Priest JS. Co-occurring risk factors for current cigarette smoking in a U.S. nationally representative sample. *Prev Med.* 2016;92:110-117. PMID: PMC4992654.
68. Higgins ST, Solomon LJ. Some recent developments on financial incentives for smoking cessation among pregnant and newly postpartum women. *Curr Addict Rep.* 2016;3(1):9-18. PMID: PMC4854429.
69. Khadanga S, Lakoski SG, Hart V, Sprague BL, Ba Y, Hampton JM, Higgins ST, Ades PA, Newcomb PA, Trentham-Dietz A. Partnership status and socioeconomic factors in relation to health behavior changes after a diagnosis of ductal carcinoma in situ. *Cancer Epidemiol Biomarkers Prev.* 2016;25(1):76-82. PMID: PMC4713311.
70. Khadanga S, Savage PD, Ades PA. Insulin resistance and diabetes mellitus in contemporary cardiac rehabilitation. *J Cardiopulm Rehabil Prev.* 2016;36(5):331-338. PMID: PMC5048191.
71. Kurti AN, Davis DR, Redner R, Jarvis BP, Zvorsky I, Keith DR, Bolivar HA, White TJ, Rippberger P, Markesich C, Atwood G, Higgins ST. A review of the literature on remote monitoring technology in incentive-based interventions for health-related behavior change. *Transl Issues Psychol Sci.* 2016;2(2):128-152. PMID: PMC5074560.
72. Kurti AN, Davis DR, Skelly JM, Redner R, Higgins ST. Comparison of nicotine dependence indicators in predicting quitting among pregnant smokers. *Exp Clin Psychopharmacol.* 2016;24(1):12-17. PMID: PMC4822339.
73. Kurti AN, Keith DR, Noble A, Priest JS, Sprague B, Higgins ST. Characterizing the intersection of co-occurring risk factors for illicit drug abuse and dependence in a U.S. nationally representative sample. *Prev Med.* 2016;92:118-125. PMID: PMC5138160.

### COBRE PUBLICATIONS

74. Kurti AN, Klemperer EM, Zvorsky I, Redner R, Priest JS, Higgins ST. Some context for understanding the place of the general educational development degree in the relationship between educational attainment and smoking prevalence. *Prev Med.* 2016;92:141-147. PMID: PMC4992659.
75. Redner R, White TJ, Bunn JY, Higgins ST. Use of high-nicotine/tar-yield (full-flavor) cigarettes and risk for nicotine dependence in nationally representative samples of US smokers. *Nicotine Tob Res.* 2016;18(6):1424-1430. PMID: PMC4906263.
76. Rengo JL, Callahan DM, Savage PD, Ades PA, Toth MJ. Skeletal muscle ultrastructure and function in statin-tolerant individuals. *Muscle Nerve.* 2016;53(2):242-251. PMID: PMC4673037.
77. Savage PD, Dittus K, Lakoski SG. Fitness during breast cancer treatment and recovery in an athlete: a case study. *Med Sci Sports Exerc.* 2016;48(10):1893-1897. PMID: 27187100. DOI: 10.1249/MSS.0000000000000987.
78. Sigmon SC. Additive burdens of malnutrition, poverty, and substance abuse. *Lancet.* 2016;388(10054):1879-1880. PMID: PMC5514411
79. Sigmon SC, Miller ME, Meyer AC, Saulsgiver K, Badger GJ, Heil SH, Higgins ST. Financial incentives to promote extended smoking abstinence in opioid-maintained patients: a randomized trial. *Addiction.* 2016;111(5):903-912. PMID: PMC4826799.
80. Sigmon SC, Ochalek TA, Meyer AC, Hruska B, Heil SH, Badger GJ, Rose G, Brooklyn JR, Schwartz RP, Moore BA, Higgins ST. Interim buprenorphine vs. waiting list for opioid dependence. *N Engl J Med.* 2016;375(25):2504-2505. PMID: PMC5373028.
81. Stanton CA, Keith DR, Gaalema DE, Bunn JY, Doogan NJ, Redner R, Kurti AN, Roberts ME, Higgins ST. Trends in tobacco use among US adults with chronic health conditions: National Survey on Drug Use and Health 2005-2013. *Prev Med.* 2016;92:160-168. PMID: PMC5065737.
82. Mackey S, Kan KJ, Chaarani B, Alia-Klein N, Batalla A, Brooks S, Cousijn J, Dagher A, de Ruyter M, Desrivieres S, Feldstein Ewing SW, Goldstein RZ, Goudriaan AE, Heitzeg MM, Hutchison K, Li CS, London ED, Lorenzetti V, Luijten M, Martin-Santos R, Morales AM, Paulus MP, Paus T, Pearson G, Schluter R, Momenan R, Schmaal L, Schumann G, Sinha R, Sjoerds Z, Stein DJ, Stein EA, Solowij N, Tapert S, Uhlmann A, Veltman D, van Holst R, Walter H, Wright MJ, Yucel M, Yurgelun-Todd D, Hibar DP, Jahanshad N, Thompson PM, Glahn DC, Garavan H, Conrod P. Genetic imaging consortium for addiction medicine: From neuroimaging to genes. *Prog Brain Res.* 2016;224:203-23. doi: 10.1016/bs.pbr.2015.07.026. Epub 2015 Nov 4. PMID: 26822360; PMID: PMC4820288.
83. White TJ, Redner R, Bunn JY, Higgins ST. Do socioeconomic risk factors for cigarette smoking extend to smokeless tobacco use? *Nicotine Tob Res.* 2016;18(5):869-873. PMID: PMC4900232.
84. Ades PA. Exercise in chronic heart failure: Anything left to learn? *J Card Fail.* 2016 July;22(7):498-500. doi: 10.1016/j.cardfail.2016.05.003. PMID: 27224552.
85. Clark EM, Jones CA, Williams JR, Kurti AN, Norotsky MD, Danforth CM, & Dodds PS. Vaporous marketing: uncovering pervasive electronic cigarette advertisements on Twitter. *PLoS One.* 2016 Jul;11(7):e0157304. PMID: PMC4943591.

## COBRE PUBLICATIONS

### 2017

86. Higgins ST, Reed DD, Redner R, Skelly JM, Zvorsky IA, Kurti AN. Simulating demand for cigarettes among pregnant women: a low-risk method for studying vulnerable populations. *J Exp Anal Behav.* 2017 Jan;107(1):176-190. PMID: PMC5322444.
87. Higgins ST, Heil SH, Sigmon SC, Tidey JW, Gaalema DE, Stitzer ML, Durand H, Bunn JY, Priest JS, Arger CA, Miller ME, Bergeria CL, Davis DR, Streck JM, Zvorsky I, Redner R, Vandrey R, Pacek LR. Response to varying the nicotine content of cigarettes in vulnerable populations: an initial experimental examination of acute effects. *Psychopharmacol (Berl).* 2017 Jan;234(1):89-98. PMID: PMC5203959.
88. Ades PA, Keteyian SJ, Wright JS, Hamm LF, Lui K, Newlin K, Shepard DS, Thomas RJ. Increasing cardiac rehabilitation participation from 20% to 70%: a road map from the million hearts cardiac rehabilitation collaborative. *Mayo Clin Proc.* 2017 Feb;92(2):234-242. PMID: PMC5292280.
89. Gaalema DE, Savage PD, Rengo JL, Cutler AY, Elliott RJ, Priest JS, Higgins ST, Ades PA. Patient characteristics predictive of cardiac rehabilitation adherence. *J Cardiopulm Rehabil Prev.* 2017 Mar;37(2):103-110. PMID: PMC5322217.
90. Sigmon SC, Schwartz RP, Higgins ST. Buprenorphine for persons on waiting lists for treatment for opioid dependence. *N Engl J Med.* 2017 Mar;376(10):1000-1001. PMID: PMC5514413.
91. Phillips JK, McBride CA, Hale SA, Solomon RJ, Badger GJ, Bernstein IM. Examination of prepregnancy and pregnancy urinary protein levels in healthy nulliparous women. *Reprod Sci.* 2017 Mar;24(3):407-412. PMID: PMC5933079.
92. Rengo JL, Savage PD, Shaw JC, Ades PA. Directly measured physical function in cardiac rehabilitation. *J Cardiopulm Rehabil Prev.* 2017 May;37(3):175-181. PMID: PMC5407931.
93. Villanti AC, Johnson AL, Ilakkuvan V, Jacobs MA, Graham AL, Rath JM. Social media use and access to digital technology in U.S. young adults in 2016. *J Med Internet Res.* 2017 Jun;19(6):e196. PMID: PMC5480010.
94. Veal CT, Hart V, Lakoski SG, Hampton JM, Gangnon RE, Newcomb PA, Higgins ST, Trentham-Dietz A, Sprague BL. Health-related behaviors and mortality outcomes in women diagnosed with ductal carcinoma in situ. *J Cancer Surviv.* 2017 Jun;11(3):320-328. PMID: PMC5419859.
95. Gaalema DE, Elliott RJ, Morford ZH, Higgins ST, Ades PA. Effect of socioeconomic status on propensity to change risk behaviors following myocardial infarction: implications for healthy lifestyle medicine. *Prog Cardiovasc Dis.* 2017 Jun - Jul;60(1):159-168. PMID: PMC5498261.
96. Brooklyn JR, Sigmon SC. Vermont hub-and-spoke model of care for opioid use disorder: development, implementation, and impact. *J Addict Med.* 2017 July/Aug;11(4):286-292. PMID: PMC5537005.
97. Hitchman SC, Pearson JL, Villanti AC. The need for more nuance in headline adult cigarette smoking prevalence estimates. *Addiction.* 2017 Aug;112(8):1327-1328. PMID: PMC5519138.



### COBRE PUBLICATIONS

98. McMahon SR, Ades PA, Thompson PD. The role of cardiac rehabilitation in patients with heart disease. *Trends Cardiovasc Med*. 2017 Aug;27(6):420-425. PMID: PMC5643011.
99. Harvey J, Dittus K, Mench E. eHealth and behavioral weight loss interventions for female cancer survivors: A review. *Womens Health (Lond)*. 2017 Dec;13(3):80-88. doi: 10.1177/1745505717731012. Epub 2017 Sep 14. PMID: 28905688; PMID: PMC7789030.
100. Keith DR, Stanton CA, Gaalema DE, Bunn JY, Doogan NJ, Redner R, Kurti AN, Cepeda-Benito A, Lopez AA, Morehead AL, Roberts ME, Higgins ST. Disparities in US healthcare provider screening and advice for cessation across chronic medical conditions and tobacco products. *J Gen Intern Med*. 2017 Sep;32(9):974-980. PMID: PMC5570737.
101. Collins LK, Villanti AC, Pearson JL, Glasser AM, Johnson AL, Niaura RS, Abrams DB. Frequency of youth e-cigarette, tobacco, and poly-use in the United States, 2015: Update to Villanti et al., "Frequency of youth e-cigarette and tobacco use patterns in the united states: measurement precision is critical to inform public health". *Nicotine Tob Res*. 2017 Oct 1;19(10):1253-1254. PMID: PMC5896483.
102. Higgins ST, Heil SH, Sigmon SC, Tidey JW, Gaalema DE, Hughes JR, Stitzer ML, Durand H, Bunn JY, Priest JS, Arger CA, Miller ME, Bergeria CL, Davis DR, Streck JM, Reed DD, Skelly JM, Tursi L. Addiction potential of cigarettes with reduced nicotine content in populations with psychiatric disorders and other vulnerabilities to tobacco addiction. *JAMA Psychiatry*. 2017 Oct 1;74(10):1056-1064. PMID: PMC5710465.
103. Higgins ST. Editorial for the Special Issue on behavior change, health, and health disparities 2017. *Prev Med*. 2017 Nov;104:1-3. doi: 10.1016/j.yjmed.2017.10.026. PMID: PMC5858188.
104. Ades PA, Savage PD. Obesity in coronary heart disease: an unaddressed behavioral risk factor. *Prev Med*. 2017 Nov;104:117-119. PMID: PMC5640469.
105. Albaugh MD, Orr C, Chaarani B, Althoff RR, Allgaier N, D'Alberto N, Hudson K, Mackey S, Spechler PA, Banaschewski T, Bruhl R, Bokde AL, Bromberg U, Buchel C, Cattrell A, Conrod PJ, Desrivieres S, Flor H, Frouin V, Gallinat J, Goodman R, Gowland P, Grimmer Y, Heinz A, Kappel V, Martinot JL, Paillere Martinot ML, Nees F, Orfanos DP, Penttila J, Poustka L, Paus T, Smolka MN, Struve M, Walter H, Whelan R, Schumann G, Garavan H, Potter AS. Inattention and reaction time variability are linked to ventromedial prefrontal volume in adolescents. *Biol Psychiatry*. 2017 Nov 1;82(9):660-668. PMID: PMC5509516.
106. Higgins ST, Redner R, Priest JS, Bunn JY. Socioeconomic disadvantage and other risk factors for using higher-nicotine/tar-yield (regular full-flavor) cigarettes. *Nicotine Tob Res*. 2017 Nov 7;19(12):1425-1433. PMID: PMC5896555.
107. Keith DR, Kurti AN, Davis DR, Zvorsky IA, Higgins ST. A review of the effects of very low nicotine content cigarettes on behavioral and cognitive performance. *Prev Med*. 2017 Nov;104:100-116. PMID: PMC5831363.

### **COBRE PUBLICATIONS**

108. Dittus KL, Gramling RE, Ades PA. Exercise interventions for individuals with advanced cancer: a systematic review. *Prev Med.* 2017 Nov;104:124-132. doi: 10.1016/j.ypmed.2017.07.015. PMID: 28716654.
109. Higgins ST, Redner R, Arger CA, Kurti AN, Priest JS, Bunn JY. Use of higher-nicotine/tar-yield (regular full flavor) cigarettes is associated with nicotine dependence and smoking during pregnancy among U.S. women. *Prev Med.* 2017 Nov;104:57-62. PMID: PMC5858192.
110. Kurti AN, Redner R, Lopez AA, Keith DR, Stanton CA, Gaalema DE, Bunn J, Doogan NJ, Cepeda-Benito A, Roberts ME, Phillips J, Higgins ST. Tobacco and nicotine delivery product use in a national sample of pregnant women. *Prev Med.* 2017 Nov;104:50-56. PMID: PMC5734954.
111. Pericot-Valverde I, Gaalema DE, Priest JS, Higgins ST. E-cigarette awareness, perceived harmfulness, and ever use among U.S. adults. *Prev Med.* 2017 Nov;104:92-99. PMID: PMC5871224.
112. Phillips JK, Higgins ST. Applying behavior change techniques to weight management during pregnancy: impact on perinatal outcomes. *Prev Med.* 2017 Nov;104:133-136. PMID: PMC5735012.
113. Villanti AC, Johnson AL, Rath JM. Beyond education and Income: Identifying novel socioeconomic correlates of cigarette use in U.S. young adults. *Prev Med* 2017 Nov;104:63-70. PMID: PMC5857885.
114. Matusiewicz AK, Melbostad HS, Heil SH. Knowledge of and concerns about long-acting reversible contraception among women in medication-assisted treatment for opioid use disorder. *Contraception.* 2017 Nov;96(5):365-369. PMID: PMC5643244.
115. Abudayyeh HS, Glasser AM, Johnson AL, Cohn AM, Wagener TL, Mays D, Villanti AC. Social and substance use correlates of adult hookah use, 2016. *Addict Behav.* 2017 Dec 9;79:39-44. PMID: PMC5807119.
116. Villanti AC, Collins LK, Niaura RS, Gagosian SY, Abrams DB. Menthol cigarettes and the public health standard: A systematic review. *BMC Public Health.* 2017 Dec 29;17(1):983. PMID: PMC5747135.

### **2018**

117. Collins L, Glasser AM, Abudayyeh H, Pearson JL, Villanti AC. E-cigarette marketing and communication: How e-cigarette companies market e-cigarettes and the public engages with e-cigarette information. *Nicotine Tob Res.* 2018 Jan 5. Doi:10.1093/ntr/ntx284. PMID: 29315420.
118. Ganz O, Johnson AL, Cohn AM, Rath J, Horn K, Vallone D, Villanti AC. Tobacco harm perceptions and use among sexual and gender minorities: findings from a national sample of young adults in the United States. *Addict Behav.* 2018 Jan 31;81:104-108. PMID: PMC5848066.
119. Higgins TM, Dougherty AK, Badger GJ, Heil SH. Comparing long-acting reversible contraception insertion rates in women with Medicaid vs. private insurance in a clinic with a two-visit protocol. *Contraception* 2018 Jan;97(1):76-78. PMID: PMC5732034.

### COBRE PUBLICATIONS

120. Rengo JL, Savage PD, Barrett T, Ades, PA. Cardiac rehabilitation participation rates and outcomes for patients with heart failure. *J Cardiopulm Rehabil Prev.* 2018 Jan;38(1):38-42. PMID: PMC5741463.
121. Taghavi T, Arger CA, Heil SH, Higgins ST, Tyndale RF. Longitudinal influence of pregnancy on nicotine metabolic pathways. *J Pharmacol Exp Ther.* 2018 Feb;364(2):238-245. PMID: PMC5774213.
122. Villanti AC, Niaura RS, Pearson JL, Glasser AM, Abrams DB. Fostering transparency in e-cigarette research synthesis: The utility and limitations of methodological hierarchies. *Addiction.* 2018 Mar;113(3):409-410. Doi: 10.1111/add.14143. PMID: 29423991.
123. Villanti AC, Feirman SP, Niaura R, Pearson JL, Glasser AM, Katz L, Abrams DB. How do we determine the impact of e-cigarettes on cigarette smoking cessation or reduction? Review and recommendations for answering the research question with scientific rigor. *Addiction.* 2018 Mar;113(3):391-404. doi: 10.1111/add.14020. PMID: 28975720.
124. Dittus KL, Harvey JR, Bunn JY, Kokinda ND, Wilson KM, Priest J, Pratley RE. Impact of a behaviorally-based weight loss intervention on parameters of insulin resistance in breast cancer survivors. *BMC Cancer.* 2018 Mar 27;18(1):351. PMID: PMC5872579.
125. Harraz OF, Longden TA, Dabertrand F, Hill-Eubanks D, Nelson MT. Endothelial GqPCR activity controls capillary electrical signaling and brain blood flow through PIP<sub>2</sub> depletion. *Proc Natl Acad Sci U S A.* 2018 Apr 10;115(15):E3569-E3577. PMID: PMC5899484.
126. Ades PA, Gaalema DE. Geographic variations in cardiac rehabilitation use: Regional variations in medical care or in patient behaviors? *Circulation.* 2018 May 1;137(18):1909-1911. PMID: PMC5935129.
127. Hart V, Trentham-Dietz A, Berkman A, Fujii M, Veal C, Hampton J, Gangnon RE, Newcomb PA, Gilchrist SC, Sprague BL. The association between post-diagnosis health behaviors and long-term quality of life in survivors of ductal carcinoma in situ: a population-based longitudinal cohort study. *Qual Life Res.* 2018 May;27(5):1237-1247. PMID: PMC6168944
128. Zvorsky I, Skelly JM, Higgins ST. Effects of financial incentives for smoking cessation on mood and anxiety symptoms among pregnant and newly postpartum women. *Nic Tob Res.* 2018 May; 20(5): 620–627. PMID: PMC5892853.
129. Phillips JK, Skelly JM, King SE, Bernstein IM, Higgins ST. Associations of maternal obesity and smoking status with perinatal outcomes. *J Matern Fetal Neonatal Med.* 2018 Jun;31(12):1620-1626. PMID: PMC5685927.
130. Spechler PA, Allgaier N, Chaarani B, Whelan R, Watts R, Orr C, Albaugh MD, D'Albarto N, Higgins ST, Hudson KE, Mackey S, Potter A, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Cattrell A, Conrod PJ, Desrivières S, Flor H, Frouin V, Gallinat J, Gowland P, Heinz A, Ittermann B, Martinot JL, Martinot MP, Nees F, Orfanos DP, Paus T, Smolka MN, Walter H, Schumann G, Althoff RR, Garavan H; IMAGEN Consortium. The initiation of cannabis use in adolescence is predicted by sex-

### COBRE PUBLICATIONS

- specific psychosocial and neurobiological features. *Eur J Neurosci*. 2018 Jun 11. doi: 10.1111/ejn.13989. PMID: 29889330.
131. Fujii MH, Hodges AC, Russell RL, Roensch K, Beynon B, Ahern TP, Holoch P, Moore JS, Ames SE, MacLean CD. Post-discharge opioid prescribing and use after common surgical procedures. *J Am Coll Surg*. 2018 Jun;226(6):1004-1012. PMID: PMC5971152.
  132. Phillips J, McBride CA, Morris E, Crocker AM, Bernstein I. Adiposity, but not obesity, is associated with arterial stiffness in young nulliparous women. *Repro Sci*. 2018 Jun;25(6):909-915. PMID: PMC6346307.
  133. Streck JM, Ochalek TA, Miller ME, Meyer AC, Badger G, Teneback C, Dixon A, Higgins ST, Sigmon SC. Promoting smoking abstinence among patients with chronic obstructive pulmonary disease: Initial feasibility. *Prev Med Rep*. 2018 Jun 30;11:176-179. PMID: PMC6037905.
  134. Streck JM, Ochalek TA, Badger GJ, Sigmon SC. Interim buprenorphine treatment during delays to comprehensive treatment: Changes in psychiatric symptoms. *Exp Clin Psychopharmacol*. 2018 Aug;26(4):403-409. PMID: 29939049. PMID: PMC6072576.
  135. Harraz OF, Longden TA, Hill-Eubanks D, Nelson MT. PIP<sub>2</sub> depletion promotes TRPV4 channel activity in mouse brain capillary endothelial cells. *Elife*. 2018 Aug 7; 7: e38689. PMID: PMC6117155.
  136. Arger CA, Taghavi T, Heil SH, Skelly J, Tyndale RF, Higgins ST. Pregnancy-induced increases in the nicotine metabolite ratio: Examining changes during antepartum and postpartum. *Nicotine Tob Res*. 2019 Nov 19;21(12):1706-1710. PMID: PMC6861834.
  137. Pearson JL, Villanti AC. Recommendations for linking client data with clinic services to improve our ability to make inferences. *Addiction*. 2018 Aug;113(8):1393-1395. doi: 10.1111/add.14270. PMID: 29896864.
  138. D'Silva J, Cohn AM, Johnson AL, Villanti AC. Differences in subjective experiences to first use of menthol and non-menthol cigarettes in a national sample of young adult cigarette smokers. *Nicotine Tob Res*. 2018 Aug;20(9):1062-1068. PMID: PMC6093322.
  139. Johnson AL, Collins LK, Villanti AC, Pearson JL, Niaura RS. Patterns of Nicotine and Tobacco Product Use in Youth and Young Adults in the United States, 2011-2015. *Nicotine Tob Res*. 2018 Aug;20(suppl 1):S48-S54. PMID: PMC6093370.
  140. Kurti AN, Bunn JY, Villanti AC, Stanton CA, Redner R, Lopez AA, Gaalema DE, Doogan NJ, Cepeda-Benito A, Roberts ME, Phillips JK, Quisenberry AJ, Keith DR, Higgins ST. Patterns of single and multiple tobacco product use among U.S. women of reproductive age. *Nicotine Tob Res*. 2018 Aug 14;20(suppl 1):S71-S80. PMID: PMC6093396.
  141. D'Alberto N, Chaarani B, Orr CA, Spechler PA, Albaugh MD, Allgaier N, Wonnell A, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Quinlan EB, Conrod PJ, Desrivières S, Flor H, Fröhner JH, Frouin V, Gowland P, Heinz A, Itterman B, Martinot JL, Paillère Martinot ML, Artiges E, Nees F, Papadopoulos Orfanos D, Poustka L, Robbins TW, Smolka MN, Walter H, Whelan R, Schumann G, Potter AS, Garavan H. Individual differences in stop-related activity are inflated by the adaptive

**COBRE PUBLICATIONS**

- algorithm in the stop signal task. *Hum Brain Mapp.* 2018 Aug;39(8):3263-3276. PMID: PMC6045976.
142. Cohn AM, Johnson AL, Rose SW, Pearson JL, Villanti AC, Stanton C. Population-level patterns and mental health and substance use correlates of alcohol, marijuana, and tobacco use and co-use in US young adults and adults: Results from the population assessment for tobacco and health. *Am J Addict.* 2018 Sep;27(6):491-500. PMID: PMC6467268.
  143. Paine AN, Krompf BL, Borrazzo EC, Ahern TP, Malhotra AK, Norotsky MC, Tsai MH. The Impact of an Acute Care Surgery Model on General Surgery Service Productivity. *Perioper Care Oper Room Manag.* 2018 Sep;12:26-30. PMID: PMC6532993.
  144. Cohn AM, Johnson AL, Fryer CS, Villanti AC. Marijuana use predicts onset of current little cigar use in a national sample of US young adults. *Drug Alcohol Depend.* 2018 Sept 1;190:235-241. doi: 10.1016/j.drugalcdep.2018.01.020. PMID: 30064060
  145. Pericot-Valverde I, Elliott RJ, Miller M, Tidey J, Gaalema DE. Posttraumatic Stress Disorder and tobacco use: A systematic review. *Addict Behav.* 2018 Sep;84:238-247. doi: 10.1016/j.addbeh.2018.04.024. PMID: 29753221.
  146. Parker MA, Streck JM, Bergeria CB, Bunn JY, Gaalema DG, Davis DR, Barrows AJ, Sigmon SC, Tidey JW, Heil SH, Higgins ST. Reduced nicotine content cigarettes and cannabis use in vulnerable populations. *Tob Reg Sci.* 2018 Sep;4(5):84-91. doi: 10.18001/TRS.4.5.8. PMID: 30417034. PMID: PMC6219758.
  147. Riley H, Headley S, Winter C, Mazur S, Gaalema DE, Goff S, Lindenauer PK, Pack QR. Effect of smoking status on exercise perception and intentions for cardiac rehabilitation enrollment among patients hospitalized with an acute cardiac condition. *J Cardiopulm Rehabil Prev.* 2018 Sep;38(5):286-290. PMID: PMC6294995.
  148. Higgins ST, Bergeria CL, Davis DR, Streck JM, Villanti AC, Hughes JR, Sigmon SC, Tidey JW, Heil SH, Gaalema DE, Stitzer ML, Priest JS, Skelly JM, Reed DD, Bunn JY, Tromblee MA, Arger CA, Miller ME. Response to reduced nicotine content cigarettes among smokers differing in tobacco dependence severity. *Prev Med.* 2018 Dec;117:15-23. doi: 10.1016/j.yjmed.2018.04.010.
  149. Pearson JL, Reed DM, Villanti AC. Vapes, e-cigs, and mods: what do young adults call e-cigarettes? *Nicotine Tob Res.* 2018 Oct 19. doi: 10.1093/ntr/nty223. PMID: 30339211.
  150. Borgquist S, Bjarnadottir O, Kimbung S, Ahern TP. Statins - a role in breast cancer therapy? *J Intern Med.* 2018 Oct;284(4):346-357. PMID: PMC6175478.
  151. Streck JM, Bergeria CL, Parker MA, Davis DR, DeSarno M, Sigmon SC, Hughes JR, Gaalema DE, Heil SH, Tidey JW, Stitzer ML, Rothman M, Higgins ST. Response to reduced nicotine content cigarettes among smokers with chronic health conditions. *Prev Med Rep.* 2018 Oct 15;12:321-329. PMID: PMC6224320.
  152. Ahern TP, Veres K, Jiang T, Farkas DK, Lash TL, Sørensen HT, Gradus JL. Adjustment disorder and type-specific cancer incidence: a Danish cohort study. *Acta Oncol.* 2018 Oct;57(10):1367-1372. PMID: PMC6200632.

### COBRE PUBLICATIONS

153. Nighbor TD, Doogan NJ, Roberts ME, Cepeda-Benito A, Kurti AN, Priest JS, Johnson HK, Lopez AA, Stanton CA, Gaalema DE, Redner R, Parker MA, Keith DR, Quisenberry AJ, Higgins ST. Smoking prevalence and trends among a U.S. national sample of women of reproductive age in rural versus urban settings. *PLoS ONE*. 2018 Nov 28; 13(11):e0207818. PMID: PMC6261597.
154. Cassidy RN, Kurti AN. Behavioral economic research in addiction as an area of growth for the experimental of behavior. *Behav Anal (Wash DC)*. 2018 Nov;18(4):333-339. PMID: PMC6296815.
155. Baggett TP, Chang Y, Yaqubi A, McGlave C, Higgins ST, Rigotti NA. Financial incentives for smoking abstinence in homeless smokers: A pilot randomized controlled trial. *Nicotine Tob Res*. 2018 Nov 15;20(12):1442-1450. PMID: PMC6236071.
156. Taghavi T, Arger CA, Heil SH, Higgins ST, Tyndale RF. Cigarette consumption and biomarkers of nicotine exposure during pregnancy and postpartum. *Addiction*. 2018 Nov;113(11):2087-2096. PMID: PMC6175668
157. MacLean CD, Fujii M, Ahern TP, Holoch P, Russell R, Hodges A, Moore J. Impact of Policy Interventions on Postoperative Opioid Prescribing. *Pain Med*. 2018 Nov 8. doi: 10.1093/pm/pny215. PMID: 30412235.
158. Guigni BA, Callahan DM, Tourville TW, Miller MS, Fiske B, Voigt T, Korwin-Mihavics B, Anathy V, Dittus K, Toth MJ. Skeletal muscle atrophy and dysfunction in breast cancer patients: role for chemotherapy-derived oxidant stress. *Am J Physiol Cell Physiol*. 2018 Nov 1;315(5):C744-C756. doi: 10.1152/ajpcell.00002.2018. Epub 2018 Sep 12. PMID: 30207784; PMID: PMC6293050.
159. Lopez AA, Redner R, Kurti AN, Keith DR, Villanti AC, Stanton CA, Gaalema DE, Bunn YU, Doogan NJ, Cepeda-Benito A, Roberts ME, Higgins ST. Tobacco and nicotine delivery product use in a US national sample of women of reproductive age. *Prev Med*. 2018 Dec;117:61-68. PMID: PMC6141351.
160. Abrams DB, Glasser AM, Villanti AC, Pearson JL, Rose S, Niaura RS. Managing nicotine without smoke to save lives now: Evidence for harm minimization. *Prev Med*. 2018 Dec;117:88-97. doi: 10.1016/j.ypmed.2018.06.010. PMID: 29944902.
161. Kurti AN, Redner R, Nighbor T, Lopez AA, Keith DR, Villanti AC, Stanton CA, Gaalema DE, Bunn JY, Doogan NJ, Cepeda-Benito A, Roberts ME, Phillips J, Parker M, Quisenberry A, Higgins ST. Examining the relationship between pregnancy and quitting tobacco products among a U.S. national sample of women of reproductive age. *Prev Med*. 2018 Dec;117:52-60. PMID: PMC6195821.
162. Wen X, Eiden RD, Justicia-Linde FE, Wang Y, Higgins ST, Long KL, Shittu AAT, Perkins JM, Esadah P, Mautner TE, Epstein LH. Reducing fetal origins of childhood obesity through maternal smoking cessation during pregnancy: An intervention study. *Int J Obes (Lond)*. 2018 Dec 5. doi: 10.1038/s41366-018-0267-y. PMID: 30518822.
163. Gaalema DE, Leventhal AM, Priest JS, Higgins ST. Commentary: Understanding individual differences in vulnerability to cigarette smoking will require attention to the intersection of common risk factors. *Prev Med*. 2018 Dec;117:38-42. PMID: PMC6234036

### **COBRE PUBLICATIONS**

164. Gaalema DE, Pericot-Valverde I, Bunn J, Villanti AC, Cepeda-Benito A, Doogan NJ, Keith DR, Kurti AN, Lopez A, Nighbor T, Parker M, Quisenberry A, Redner R, Roberts ME, Stanton CA, Ades PA, Higgins ST. Tobacco use in cardiac patients: Perceptions, use, and changes after a recent myocardial infarction among US adults in the PATH study (2013-2015). *Prev Med.* 2018 Dec;117:76-82. PMID: PMC6195824.
165. Parker MA, Ochalek TA, Sigmon SC. Feasibility of an Interactive Voice Response system for daily monitoring of illicit opioid use during buprenorphine treatment. *Psychol Addict Behav.* 2018 Dec;32(8):956-960. PMID: PMC6296868.
166. Parker MA, Villanti AC, Quisenberry A, Stanton CA, Doogan NJ, Redner R, Gaalema DE, Kurti AN, Nighbor T, Roberts ME, Cepeda-Benito A, Higgins ST. Tobacco product harm perceptions and new use. *Pediatrics.* 2018 Dec;142(6). doi: 10.1542/peds.2018-1505. PMID: 30397167. PMID: PMC6317771.
167. Cepeda-Benito A, Doogan NJ, Redner R, Roberts ME, Kurti AN, Villanti AC, Lopez AA, Quisenberry AJ, Stanton CA, Gaalema DE, Keith DR, Parker MA, Higgins ST. Trend differences in men and women in rural and urban U.S. settings. *Prev Med.* 2018 Dec;117:69-75. PMID: PMC6173654.
168. Higgins ST. Editorial: 5th Special Issue on behavior change, health, and health disparities. *Prev Med.* 2018 Dec;117:1-4. PMID: PMC6434320.
169. Henningfield JE, Higgins ST, Villanti AC. Are we guilty of errors of omission on the potential role of electronic nicotine delivery systems as less harmful substitutes for combusted tobacco use? *Prev Med.* 2018 Dec;117:83-87. PMID: PMC6396307.
170. Villanti AC, Gaalema DE, Tidey JW, Kurti AN, Sigmon SC, Higgins ST. Co-occurring vulnerabilities and menthol use in U.S. young adult cigarette smokers: Findings from Wave 1 of the PATH Study, 2013-2014. *Prev Med.* 2018 Dec;117:43-51. PMID: PMC6397770.
171. West JC, Villanti AC, Graham AL, Mays D, Mermelstein RJ, Higgins ST. Tobacco Use and Cessation Behaviors in Young Adults: 2016 National Health Interview Survey. *Am J Public Health.* 2018 Dec 20:e1-e4. PMID: PMC6336062.

### **2019**

172. Pack QR, Priya A, Lagu T, Pekow PS, Berry R, Atreya AR, Ades PA, Lindenauer PK. Cardiac Rehabilitation Utilization During an Acute Cardiac Hospitalization: A national sample. *J Cardiopulm Rehabil Prev.* 2019 Jan;39(1):19-26. PMID: PMC6310017.
173. Albaugh MD, Potter AS. The ventromedial prefrontal cortex: a putative locus for trait inattention. *Neuropsychopharmacology.* 2019 Jan;44(1):226-227. doi: 10.1038/s41386-018-0193-7. PMID: 30194422; PMID: PMC6235976.
174. Kurti AN, Bunn JY, Nighbor T, Cohen AH, Bolívar H, Tang KJ, Dallery J, Higgins ST. Leveraging technology to address the problem of cigarette smoking among women of reproductive age. *Prev Med.* 2019 Jan;118:238-242. PMID: PMC6322955.

**COBRE PUBLICATIONS**

175. Wackowski OA, Sontag JM, Hammond D, O'Connor RJ, Ohman-Strickland PA, Strasser AA, Villanti AC, Delnevo CD. The impact of e-cigarette warnings, warning themes and inclusion of relative harm statements on young adults' e-cigarette perceptions and use intentions. *Int J Environ Res Public Health*. 2019 Jan 10;16(2):184-. PMID: PMC6352031.
176. Fitzpatrick M, Johnson AC, Tercyak KP, Hawkins KB, Villanti AC, Mays D. Adolescent Beliefs About Hookah and Hookah Tobacco Use and Implications for Preventing Use. *Prev Chronic Dis*. 2019 Jan 10;16:E05. PMID: PMC6341829.
177. Ochalek TA, Parker MA, Higgins ST, Sigmon SC. Fentanyl exposure among patients seeking opioid treatment. *J Sub Abuse Treatment*. 2019 Jan;96:23-25. PMID: PMC6447297.
178. Miller KJ, Shenhav A, Ludvig EA. Habits without values. *Psychol Rev*. 2019 Mar;126(2):292-311. doi: 10.1037/rev0000120. Epub 2019 Jan 24. PMID: 30676040; PMID: PMC6548181.
179. Bergeria CL, Heil SH, Davis DR, Streck JM, Sigmon SC, Bunn JY, Tidey JW, Arger CA, Reed DD, Gallagher T, Hughes JR, Gaalema DE, Stitzer ML, Higgins ST. Evaluating the Utility of the Modified Cigarette Evaluation Questionnaire and Cigarette Purchase Task for Predicting Acute Relative Reinforcing Efficacy of Cigarettes Varying in Nicotine Content. *Drug Alcohol Depend*. 2019 Feb 13;197:56-64. PMID: PMC6440849.
180. Wood ME, Farina NH, Ahern TP, Cuke ME, Stein JL, Stein GS, Lian JB. Towards a more precise and individualized assessment of breast cancer risk. *Aging (Albany NY)*. 2019 Feb 20;11(4):1305-1316. PMID: PMC6402518.
181. Ilakkuvan V, Johnson A, Villanti AjC, Evans WD, Turner M. Patterns of Social Media Use and Their Relationship to Health Risks Among Young Adults. *J Adolesc Health*. 2019 Feb;64(2):158-164. doi: 10.1016/j.jadohealth.2018.06.025. PMID: 30269907.
182. Rawson R, Cousins SJ, McCann M, Pearce R, Van Donsel A. Assessment of medication for opioid use disorder as delivered within the Vermont hub-and-spoke system. *J Subst Abuse Treat*. 2019 Feb;97:84-90. PMID: 30577904. <https://doi.org/10.1016/j.jsat.2018.11.003>.
183. Leavens ELS, Meier E, Brett EI, Stevens EM, Tackett AP, Villanti AC, Wagener TL. Poly tobacco use and risk perceptions among young adults: The potential role of habituation to risk. *Addict Behav*. 2019 Mar;90:278-284. doi: 10.1016/j.addbeh.2018.11.003. PMID: 30472536.
184. Davis DR, Miller ME, Streck JM, Bergeria CL, Sigmon SC, Tidey JW, Heil SH, Gaalema DE, Villanti AC, Stitzer ML, Priest JS, Bunn JY, Skelly JM, Diaz V, Arger CA, Higgins ST. Response to reduced nicotine content in vulnerable populations: Effect of menthol status. *Tob Regul Sci*. 2019 Mar;5(2):135-142. [PMCID: PMC6936762](https://pubmed.ncbi.nlm.nih.gov/306936762/).
185. Mays D, Villanti AC, Niaura RS, Lindblom EN, Strasser AA. The effects of varying electronic cigarette warning label design features on attention, recall and product perceptions among young adults. *Health Comm*. 2019 Mar;34(3):317-324. PMID: PMC5999554.
186. Abrams DB, Glasser AM, Villanti AC, Pearson JL, Rose S, Niaura RS. Re: Disregarding the impact of nicotine on the developing brain when evaluating costs and benefits of noncombustible nicotine products. *Prev Med*. 2019 Mar;120:158-159. doi: 10.1016/j.ypmed.2018.12.027. PMID: 30738502.



### COBRE PUBLICATIONS

187. González-Roz A, Gaalema DE, Pericot-Valverde I, Elliott RJ, Ades PA. A systematic review of the diagnostic accuracy of depression questionnaires for cardiac populations: Implications for cardiac rehabilitation. *J Cardiopulm Rehabil Prev*. 2019 Mar 11. doi: 10.1097/HCR.0000000000000408. PMID: 30870244.
188. Wen X, Eiden RD, Justicia-Linde FE, Wang Y, Higgins ST, Thor N, Haghdel A, Peters AR, Epstein LH. A multicomponent behavioral intervention for smoking cessation during pregnancy: a non-concurrent multiple baseline design. *Translational Behavioral Medicine*. 2019 Mar 1;9(2):308-318. doi: 10.1093/tbm/iby027. PMID: 29648615.
189. Phillips JK, Skelly JM, Roberts LM, Bernstein IM, Higgins ST. Combined financial incentives and behavioral weight management to enhance adherence with gestational weight gain guidelines: a randomized controlled trial. *Am J Obstet Gynecol*. 2019 Mar;1(1):42-49. <https://doi.org/10.1016/j.ajogmf.2019.02.002>.
190. Cohn AM, Rose SW, D'Silva J, Villanti AC. Menthol Smoking Patterns and Smoking Perceptions Among Youth: Findings From the Population Assessment of Tobacco and Health Study. *Am J Prev Med*. 2019 Apr;56(4):e107-e116. doi: 10.1016/j.amepre.2018.11.027. PMID: 30898227.
191. Villanti AC, Niaura RS, Abrams DB, Mermelstein R. Preventing smoking progression in young adults: the concept of preescalation. *Prev Sci*. 2019 Apr;20(3):377-384. PMID: PMC6131072.
192. Peck KR, Parker MA, Sigmon SC. Reasons for non-medical use of prescription opioids among young adults: Role of educational status. *Prev Med*. 2019 Nov;128:105684. doi: 10.1016/j.yjmed.2019.03.047. Epub 2019 Apr 2. PMID: 30951735; PMID: PMC6774912.
193. Gilchrist SC, Barac A, Ades PA, Alfano CM, Franklin BA, Jones LW, La Gerche A, Ligibel JA, Lopez G, Madan K, Oeffinger KC, Salamone J, Scott JM, Squires RW, Thomas RJ, Treat-Jacobson DJ, Wright JS; American Heart Association Exercise, Cardiac Rehabilitation, and Secondary Prevention Committee of the Council on Clinical Cardiology; Council on Cardiovascular and Stroke Nursing; and Council on Peripheral Vascular Disease. Cardio-oncology rehabilitation to manage cardiovascular outcomes in cancer patients and survivors: a scientific statement from the American Heart Association. *Circulation*. 2019 May 21;139(21):e997-e1012. doi: 10.1161/CIR.0000000000000679. PMID: 30955352.
194. Brunette MF, Ferron JC, Geiger P, Villanti AC. Menthol cigarette use in young adult smokers with severe mental illnesses. *Nicotine Tob Res*. 2019 Apr 17;21(5):691-694. PMID: PMC6468123.
195. Albaugh MD, Hudziak JJ, Ing A, Chaarani B, Barker E, Jia T, Lemaitre H, Watts R, Orr C, Spechler PA, Lepage C, Fonov V, Collins L, Rioux P, Evans AC, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Quinlan EB, Desrivieres S, Flor H, Frouin V, Gowland P, Heinz A, Ittermann B, Martinot JL, Nees F, Orfanos DP, Paus T, Poustka L, Fröhner JH, Smolka MN, Walter H, Whelan R, Schumann G, Garavan H, Potter A. White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. *Neuropsychopharmacology*. 2019 Apr 6. doi: 10.1038/s41386-019-0383-y. PMID: 30952157.

### COBRE PUBLICATIONS

196. Schroth KRJ, Villanti AC, Kurti M, Delnevo CD. Why an FDA ban on menthol is likely to survive a tobacco industry lawsuit. *Public Health Rep.* 2019 May/Jun;134(3):300-306. PMID: PMC6505334
197. Ahern TP, Broe A, Lash TL, Cronin-Fenton DP, Ulrichsen SP, Christiansen PM, Cole BF, Tamimi RM, Sørensen HT, Damkier P. Phthalate exposure and breast cancer incidence: A Danish nationwide cohort study. *J Clin Oncol.* 2019 Jul 20;37(21):1800-1809. PMID: 30995175.
198. Ennis ZN, Pottegård A, Ahern TP, Hallas J, Damkier P. Exposure to phthalate-containing prescription drugs and the risk of colorectal adenocarcinoma: A Danish nationwide case-control study. *Pharmacoepidemiol Drug Saf.* 2019 Apr;28(4):528-535. doi: 10.1002/pds.4759. PMID: 30793813.
199. Albaugh MD, Hudziak JJ, Orr C, Spechler PA, Chaarani B, Mackey S, Lepage C, Fonov V, Rioux P, Evans AC, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Quinlan EB, Desrivières S, Flor H, Grigis A, Gowland P, Heinz A, Ittermann B, Martinot JL, Martinot MP, Nees F, Orfanos DP, Paus T, Poustka L, Millenet S, Fröhner JH, Smolka MN, Walter H, Whelan R, Schumann G, Potter AS, Garavan H; IMAGEN Consortium. Amygdalar reactivity is associated with prefrontal cortical thickness in a large population-based sample of adolescents. *PLoS One.* 2019 May 2;14(5):e0216152. PMID: PMC6497259.
200. Chaarani B, Spechler PA, Ivanciu A, Snowe M, Nickerson JP, Higgins ST, Garavan H. Multimodal neuroimaging differences in nicotine abstinent vs. satiated smokers. *Nicotine Tob Res.* 2019 May 21;21(6):755-763. doi: 10.1093/ntr/nty070. PMID: 29660044.
201. Higgins ST, Kurti AN, Palmer M, Tidey JW, Cepeda-Benito A, Cooper MR, Krebs NM, Baezconde-Garbanati L, Hart JL, Stanton CA. A review of tobacco regulatory science research on vulnerable populations. *Prev Med.* 2019 May 2. doi: 10.1016/j.ypmed.2019.04.024. PMID: 31054904.
202. Riley K, Gaalema DE, Headley S, Lindenauer P, Goff S, Pack QR. Patient perception of how smoking status influences cardiac rehabilitation attendance after an acute cardiac hospitalization. *J Cardiopulm Rehabil Prev.* 2019 May;39(3):181-186. PMID: PMC6492621.
203. Nighbor TD, Zvorsky I, Kurti AN, Skelly JM, Bickel WK, Reed DD, Naudé GP, Higgins ST. Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women. *J Exp Anal Behav.* 2019 May;111(3):405-415. PMID: PMC6508990
204. Albaugh MD, Ivanova M, Chaarani B, Orr C, Allgaier N, Althoff RR, D'Albarto N, Hudson K, Mackey S, Spechler PA, Banaschewski T, Brühl R, Bokde ALW, Bromberg U, Büchel C, Cattrell A, Conrod PJ, Desrivières S, Flor H, Frouin V, Gallinat J, Goodman R, Gowland P, Grimmer Y, Heinz A, Kappel V, Martinot JL, Martinot MP, Nees F, Papadopoulos Orfanos D, Penttilä J, Poustka L, Paus T, Smolka MN, Struve M, Walter H, Whelan R, Schumann G, Garavan H, Potter AS. Ventromedial Prefrontal Volume in Adolescence Predicts Hyperactive/Inattentive Symptoms in Adulthood. *Cereb Cortex.* 2019 May 1;29(5):1866-1874. doi: 10.1093/cercor/bhy066. PMID: 29912404; PMID: PMC6458906.
205. Soneji SS, Knutzen KE, Villanti AC. Use of flavored e-cigarettes among adolescents, young adults, and older adults: Findings from the population assessment for tobacco and health study. *Public Health Rep.* 2019 May/Jun;134(3):282-292. PMID: PMC6505324.

**COBRE PUBLICATIONS**

206. Leventhal AM, Bello MS, Galstyan E, Higgins ST, Barrington-Trimis JL. Association of cumulative socioeconomic and health-related disadvantage with disparities in smoking prevalence in the United States, 2008 to 2017. *JAMA Intern Med.* 2019 Jun 1;179(6):777-785. PMID: PMC6547249
207. Moran MB, Villanti AC, Johnson A, Rath J. Patterns of alcohol, tobacco, and substance use among young adult peer crowds. *Am J Prev Med.* 2019 Jun;56(6):e185-e193. doi: 10.1016/j.amepre.2019.02.010. PMID: 31104724.
208. Mercincavage M, Lochbuehler K, Villanti AC, Wileyto EP, Audrain-McGovern J, Strasser AA. Examining risk perceptions among daily smokers naïve to reduced nicotine content cigarettes. *Nicotine Tob Res.* 2019 Jun 21;21(7):985-990. PMID: PMC6588387.
209. Pearson JL, Moran M, Delnevo CD, Villanti AC, Lewis MJ. Widespread belief that organic and additive-free tobacco products are less harmful than regular tobacco products: results from the 2017 US Health Information National Trends Survey. *Nicotine Tob Res.* 2019 Jun 21;21(7):970-973. PMID: PMC6775854.
210. Gaalema DE, Savage PD, Leadholm K, Rengo J, Naud S, Priest JS, Ades PA. Clinical and demographic trends in cardiac rehabilitation: 1996-2015. *J Cardiopulm Rehabil Prev.* 2019 Jul;39(4):266-273. PMID: PMC6594875.
211. Gaalema DE, Elliott RJ, Savage PD, Rengo JL, Cutler AY, Pericot-Valverde I, Priest JS, Shepard DS, Higgins ST, Ades PA. Financial incentives to increase cardiac rehabilitation participation among low-socioeconomic status patients: a randomized clinical trial. *JACC Heart Fail.* 2019 Jul;7(7):537-546. PMID: PMC6599560.
212. Johnson AL, Villanti AC, Glasser AM, Pearson JL, Delnevo CD. Impact of question type and question order on tobacco prevalence estimates in us young adults: A randomized experiment. *Nicotine Tob Res.* 2019 Jul 17;21(8):1144-1146. PMID: PMC6636246.
213. Chaarani B, Kan KJ, Mackey S, Spechler PA, Potter A, Orr C, D'Alberto N, Hudson KE, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Cattrell A, Conrod PJ, Desrivières S, Flor H, Frouin V, Gallinat J, Gowland P, Heinz A, Ittermann B, Martinot JL, Nees F, Papadopoulos-Orfanos D, Paus T, Poustka L, Smolka MN, Walter H, Whelan R, Higgins ST, Schumann G, Althoff RR, Stein EA, Garavan H; IMAGEN Consortium. Low smoking exposure, the adolescent brain, and the modulating role of CHRNA5 polymorphisms. *Biol Psychiatry Cogn Neurosci Neuroimaging.* 2019 Jul;4(7):672-679. doi: 10.1016/j.bpsc.2019.02.006. PMID: 31072760.
214. Rescorla LA, Althoff RR, Ivanova MY, Achenbach TM. Effects of society and culture on parents' ratings of children's mental health problems in 45 societies. *Eur Child Adolesc Psychiatry.* 2019 Aug;28(8):1107-1115. doi: 10.1007/s00787-018-01268-3. Epub 2019 Jan 18. Erratum in: *Eur Child Adolesc Psychiatry.* 2019 Mar 12;: PMID: 30659384.
215. Parker MA, Pearson JL, Villanti AC. Limited utility of detailed e-cigarette use measures: an analysis of NESARC-III. *Addict Behav.* 2019 Oct;97:56-62. doi: 10.1016/j.addbeh.2019.05.001. PMID: 31150991

### COBRE PUBLICATIONS

216. Pericot-Valverde I, Priest JS, Wagener TL, Gaalema DE. Examination of a mouthpiece-based topography device for assessing relative reinforcing effects of e-cigarettes: A preliminary study. *Exp Clin Psychopharmacol*. 2019 Jul 15. doi: 10.1037/pha0000288. PMID: 31305091.
217. Villanti AC, Naud S, West JC, Pearson JL, Wackowski OA, Niaura RS, Hair E, Rath JM. Prevalence and correlates of nicotine and nicotine product perceptions in U.S. young adults, 2016. *Addict Behav*. 2019 Jun 10;98:106020. doi: 10.1016/j.addbeh.2019.06.009. PMID: 31238235
218. Rawson RA, Rieckmann T, Cousins S, McCann M, Pearce R. Patient perceptions of treatment with medication treatment for opioid use disorder (MOUD) in the Vermont hub-and-spoke system. *Prev Med*. 2019 Jul 27:105785. doi: 10.1016/j.ypmed.2019. 105785. PMID: 31362002.
219. Stevens EM, Cohn AM, Villanti AC, Leshner G, Wedel A, Wagener TL. Perceived effectiveness of anti-marijuana messages in adult users and nonusers: an examination of responses to messages about marijuana's effects on cognitive performance, driving, and health. *J Stud Alcohol Drugs*. 2019 Jul;80(4):415-422. PMCID: PMC6739640.
220. Bonafede MM, Miller JD, Pohlman SK, Troeger KA, Sprague BL, Herschorn SD, Winder IH. Breast, cervical, and colorectal cancer screening: Patterns among women with Medicaid and commercial insurance. *Am J Prev Med*. 2019 Sep;57(3):394-402. [PMCID: PMC7433028](#).
221. Rose SW, Ganz O, Zhou Y, Carnegie BE, Villanti AC, Rath J, Hair EC. Longitudinal response to restrictions on menthol cigarettes among young adult US menthol smokers, 2011-2016. *Am J Public Health*. 2019 Oct;109(10):1400-1403. PMCID: PMC6726504.
222. Zvorsky I, Nighbor TD, Kurti AN, DeSarno M, Naudé G, Reed DD, Higgins ST. Sensitivity of hypothetical purchase task indices when studying substance use: A systematic literature review. *Prev Med*. 2019 Aug 7:105789. doi: 10.1016/j.ypmed.2019.105789. PMID: 31400376.
223. Parker MA, Sigmon SC, Villanti AC. Higher smoking prevalence among United States adults with co-occurring affective and drug use diagnoses. *Addict Behav*. 2019 Aug 26;99:106112. doi: 10.1016/j.addbeh.2019.106112.
224. Studts CR, Pilar MR, Jacobs JA, Fitzgerald BK. Fatigue and physical activity: Potential modifiable contributors to parenting sense of competence. 2019 Oct;28(10):2901-2909. [PMCID PMC7392161](#).
225. Villanti AC, West JC, Mays D, Donny EC, Cappella JN, Strasser AA. Impact of brief nicotine messaging on nicotine-related beliefs in a U.S. sample. *Am J Prev Med*. 2019 Oct;57(4):e135-e142. PMCID: [PMC6756180](#).
226. Gaalema DE, Dube S, Potter A, Elliott RJ, Mahoney K, Sigmon SC, Higgins ST, Ades PA. The effect of executive function on adherence with a cardiac secondary prevention program and its interaction with an incentive-based intervention. *Prev Med*. 2019 Nov;128:105865. PMCID: PMC6939881.
227. Coleman SRM, Gaalema DE, Nighbor TD, Kurti AA, Bunn JY, Higgins ST. Current cigarette smoking among U.S. college graduates. *Prev Med*. 2019 Nov;128:105853. PMCID: PMC6879857.
228. Collin LJ, Ulrichsen SP, Ahern TP, Goodman M, McCullough LE, Waller LA, Bang Christensen K, Damkier P, Hamilton-Dutoit S, Lauridsen KL, Yacoub R, Christiansen PM, Ejlersen B, Sørensen HT,

### **COBRE PUBLICATIONS**

- Cronin-Fenton DP, Lash TL. 17 $\beta$ -Hydroxysteroid dehydrogenase 1:2 and breast cancer recurrence: a Danish population-based study. *Acta Oncol.* 2020 Mar;59(3):329-333. [PMCID: PMC7033004](#).
229. Ganz O, Rimal RN, Johnson AL, Cohn AM, Horn K, Delnevo CD, Villanti AC. Tobacco use and the interplay of internalizing, externalizing and substance use problems: A latent class analysis of data from the Population Assessment of Tobacco and Health Study. *Drug Alcohol Depend.* 2019 Oct 28;205:107686. doi: 10.1016/j.drugalcdep.2019.107686. PMID: 31706253.
230. Pericot-Valverde I, Elliott R, Priest J, Barret T, Yoon JH, Miller CC, Okoli CT, Haliwa I, Ades PA, Gaalema DE. Patterns of tobacco use among smokers prior to hospitalization for an acute cardiac event: use of combusted and non-combusted products. *Prev Med.* 2019 Nov;128:105757 PMCID: PMC7248643.
231. Davis DR, DeSarno MJ, Bergeria CL, Streck JM, Tidey JW, Sigmon SC, Heil SH, Gaalema DE, Stitzer ML, Higgins ST. Examining effects of unit price on preference for reduced nicotine content cigarettes and smoking rate. *Prev Med.* 2019 Nov;128:105823. PMCID: PMC6879848.
232. Khadanga S, Savage PD, Ades PA. Resistance training for older adults in cardiac rehabilitation. *Clin Geriatr Med.* 2019 Nov;35(4):459-468. doi: 10.1016/j.cger.2019.07.005.
233. Jiang T, Farkas DK, Ahern TP, Lash TL, Sørensen HT, Gradus JL. Posttraumatic stress disorder and incident infections: A nationwide cohort study. *Epidemiology.* 2019 Nov;30(6):911-917. PMCID: PMC6779341
234. Spechler PA, Chaarani B, Orr C, Mackey S, Higgins ST, Banaschewski T, Bokde ALW, Bromberg U, Büchel C, Quinlan EB, Conrod PJ, Desrivières S, Flor H, Frouin V, Gowland P, Heinz A, Ittermann B, Martinot JL, Nees F, Orfanos DP, Poustka L, Fröhner JH, Smolka MN, Walter H, Whelan R, Schumann G, Garavan H, Althoff RR; IMAGEN Consortium. Neuroimaging evidence for right orbitofrontal cortex differences in adolescents with emotional and behavioral dysregulation. *J Am Acad Child Adolesc Psychiatry.* 2019 Nov;58(11):1092-1103. doi: 10.1016/j.jaac.2019.01.021. PMID: 31004740.
235. Higgins ST. 2019. Behavior change, health, and health disparities 2019: opioids, tobacco, and treatment adherence. *Prev Med.* 2019 Nov 9:105887. doi: 10.1016/j.ypmed.2019.105887. PMID: 31711863.
236. Pericot-Valverde I, Yoon JH, Gaalema DE. Single- and cross-commodity delay discounting of money and e-cigarette liquid in experienced e-cigarette users. *Drug Alcohol Depend.* 2019 Nov 15;206:107740. doi: 10.1016/j.drugalcdep.2019.107740. PMID: 31778948.
237. Sigmon SC. Innovations in efforts to expand treatment for opioid use disorder. 2019 Nov;128:105818. PMCID: PMC7081076.
238. Pacek LR, Villanti AC, McClernon FJ. Not quite the rule, but no longer the exception: multiple tobacco product use and implications for treatment, research, and regulation. *Nicotine Tob Res.* 2019 Dec 2. doi: 10.1093/ntr/ntz221. PMID: 31789377
239. Gaalema DE, Tidey, JW, Davis DR, Sigmon SC, Heil SH, Stitzer ML, DeSarno MJ, Diaz V, Hughes JR, Higgins ST. Potential moderating effects of psychiatric diagnosis and symptom severity on

### COBRE PUBLICATIONS

subjective and behavioral responses to reduced nicotine content cigarettes. *Nicotine Tob Res.* 2019 Dec 23;21(Suppl 1):S29-S37. PMID: PMC6939752.

240. Davis DR, Parker MA, Villanti AC, Streck JM, Priest JS, Tidey JW, Gaalema DE, Sigmon SC, Heil SH, Higgins ST. Examining Age as a Potential Moderator of Response to Reduced Nicotine Content Cigarettes in Vulnerable Populations. *Nicotine Tob Res.* 2019 Dec 23;21(Suppl 1):S49-S55. [PMCID: PMC6939764](#).
241. Villanti AC, Byron MJ, Mercincavage M, Pacek LR. Misperceptions of Nicotine and Nicotine Reduction: The Importance of Public Education to Maximize the Benefits of a Nicotine Reduction Standard. *Nicotine Tob Res.* 2019 Dec 23;21(Suppl 1):S88-S90. doi: 10.1093/ntr/ntz103. PMID: 31867645; PMID: PMC6939783.

### 2020

242. Miele GM, Caton L, Freese TE, McGovern M, Darfler K, Antonini VP, Perez M, Rawson R. Implementation of the hub and spoke model for opioid use disorders in California: Rationale, design and anticipated impact. *J Subst Abuse Treat.* 2020 Jan;108:20-25. doi: 10.1016/j.jsat.2019.07.013. Epub 2019 Jul 27. PMID: 31399272; PMID: PMC6893120.
243. Ahern TP, Collin LJ, Baurley JW, Kjærsgaard A, Nash R, Maliniak ML, Damkier P, Zwick ME, Isett RB, Christiansen PM, Ejlersen B, Lauridsen KL, Christensen KB, Silliman RA, Toft Sorensen H, Tramm T, Hamilton-Dutoit S, Lash TL, Cronin Fenton D. Metabolic pathway analysis and effectiveness of tamoxifen in Danish breast cancer patients. *Cancer Epidemiol Biomarkers Prev.* 2020 Mar;29(3):582-590. PMID: PMC7060091.
244. Ades PA, Balady GL, Berra K, Franklin BA, Froelicher V, Hamm LF, Kaminsky LA, Williams MA. The Journal of Cardiopulmonary Rehabilitation and Prevention at 40 years and its role in the evolution of cardiac rehabilitation. *J Cardiopulm Rehabil.* 2020 Jan;40(1):2-8. PMID: 31868839.
245. Shepard DS. Smart financial incentives to promote cardiovascular health. *J Cardiol Curr Res.* 2020;13(1):11-13. [PMCID: PMC7661851](#).
246. Kurti AN, Bunn JY, Tang K, Nighbor T, Gaalema DE, Coleman-Cowger V, Coleman SRM, Higgins ST. Impact of electronic nicotine delivery systems on other respondent characteristics on tobacco use transitions among a US national sample of women of reproductive age. *Drug Alc Depend.* 2020 Feb 1;207:107801. [PMCID: PMC6981035](#).
247. Collin LJ, Riis AH, MacLehose RF, Ahern TP, Erichsen R, Thorlacius-Ussing O, Lash TL. Application of the adaptive validation substudy design to colorectal cancer recurrence. *Clin Epidemiol.* 2020 Feb 3;12:113-121. PMID: PMC7007499
248. Nighbor TD, Coleman S, Bunn JY, Kurti AN, Zvorsky I, Orr E, Higgins ST. Smoking prevalence among U.S. national samples of pregnant women. *Prev Med.* 2020 Mar;132:105994. [PMCID: PMC7024639](#).
249. Peck KR, Ochalek TA, Badger GJ, Sigmon SC. Effects of Interim Buprenorphine Treatment for opioid use disorder among emerging adults. *Drug Alcohol Depend.* 2020 Mar 1;208:107879. PMID: [PMC7108757](#).

### **COBRE PUBLICATIONS**

250. Horton MB, Brady CJ, Cavallerano J, Abramoff M, Barker G, Chiang MF, Crockett CH, Garg S, Karth P, Liu Y, Newman CD, Rathi S, Sheth V, Silva P, Stebbins K, Zimmer-Galler I. Practice Guidelines for Ocular Telehealth-Diabetic Retinopathy, Third Edition. *Telemed J E Health*. 2020 Apr;26(4):495-543. doi: 10.1089/tmj.2020.0006. [Epub ahead of print]. PMID: 32209018.
251. Brady CJ, D'Amico S, Campbell JP. Telemedicine for retinopathy of prematurity. *Telemed J E Health*. 2020 Apr;26(4):556-564. [PMCID: PMC7187968](#).
252. Brady CJ, Garg S. Telemedicine for age-related macular degeneration. *Telemed J E Health*. 2020 Apr;26(4):565-568. [PMCID: PMC7187971](#).
253. Villanti AC, Pearson JL. Commentary on Beard et al. (2019): A systematic approach sharpens insights on e-cigarettes and smoking cessation. *Addiction*. 2020 May;115(5):975-976. [PMCID: PMC7271740](#).
254. Rey CN, Badger GJ, Melbostad HS, Wachtel D, Sigmon SC, MacAfee LK, Dougherty AK, Heil SH. Perceptions of long-acting reversible contraception among women receiving medication for Opioid Use Disorder in Vermont. *Contraception*. 2020 May;101(5):333-337. [PMCID: PMC7510935](#).
255. Tidey JW. Advancing our understanding of tobacco use in vulnerable populations. *Nicotine Tob Res*. 2020 May 26;22(6):865-866. [PMCID: PMC7392325](#).
256. Streck JM, Davis DR, Pang RD, Sigmon SC, Bunn JY, Bergeria CL, Tidey JW, Heil SH, Gaalema DE, Hughes JR, Stitzer ML, Reed E, Higgins ST. Potential moderating effects of sex/gender on the acute relative reinforcing and subjective effects of reduced nicotine content cigarettes in vulnerable populations. *Nicotine Tob Res*. 2020 May 26;22(6):878-884. [PMCID: PMC7395666](#).
257. Mehra VM, Gaalema DE, Pakosh M, Grace SL. Systematic review of cardiac rehabilitation guidelines: Quality and scope. *Eur J Prev Cardiol*. 2020 Jun;27(9):912-928. PMID: [PMC7262778](#).
258. Toth MJ, Voigt TB, Tourville TW, Prior SM, Guigni BA, Schlosberg AV, Smith IB, Forest TJ, Kaufman PA, Wood ME, Rehman H, Dittus K. Effect of neuromuscular electrical stimulation on skeletal muscle size and function in patients with breast cancer receiving chemotherapy. *J Appl Physiol (1985)*. 2020 Jun 1;128(6):1654-1665. [PMCID: PMC7311687](#).
259. Villanti AC, West JC, Klemperer EM, Graham AL, Mays D, Mermelstein RJ, Higgins ST. Smoking-cessation interventions for U.S. young adults: Updated systematic review. *Am J Prev Med*. 2020 Jul;59(1):123-136. [PMCID: PMC7453837](#).
260. Collin LJ, MacLehose RF, Ahern TP, Nash R, Getahun D, Roblin D, Silverberg MJ, Goodman M, Lash TL. Adaptive Validation Design: A Bayesian approach to validation substudy design with prospective data collection. *Epidemiology*. 2020 Jul;31(4):509-516. [PMCID: PMC7269021](#).
261. Kurti AN, Tang K, Bolivar HA, Evemy C, Medina N, Skelly J, Nighbor T, Higgins ST. Smartphone-based financial incentives to promote smoking cessation during pregnancy: A pilot study. *Prev Med*. 2020 Jul 9:106201. doi: 10.1016/j.ypmed.2020.106201. PMID: 32652133.

### **COBRE PUBLICATIONS**

262. Parker MA, Weinberger AH, Villanti AC. Quit ratios for cigarette smoking among individuals with opioid misuse and opioid use disorder in the United States. *Drug Alcohol Depend.* 2020 Jul 2;214:108164. [PMCID: PMC7423737](#).
263. Nighbor TD, Klemperer EM, Hughes JR, Reed EN, Simone SJ, West JC. Both reducing cigarettes per day and transitioning to very low-nicotine-content cigarettes decreases demand for usual-brand cigarettes. *Exp Clin Psychopharmacol.* 2020 Jul 13. doi: 10.1037/pha0000403. PMID: 32658536
264. Villanti AC, Vallencourt CP, West JC, Peasley-Miklus C, LePine SE, McCluskey C, Klemperer E, Priest JS, Logan A, Patton B, Erickson N, Hicks J, Horton K, Livingston S, Roemhildt M, Singer E, Trutor M, Williams R. Recruiting and retaining youth and young adults in the Policy and Communication Evaluation (PACE) Vermont Study: Randomized controlled trial of participant compensation. *J Med Internet Res.* 2020 Jul 20;22(7):e18446. PMID: [PMC7399955](#).
265. Nighbor TD, Barrows AJ, Bunn JY, DeSarno M, Oliver AC, Coleman S, Davis D, Streck J, Reed E, Reed D, Higgins S. Comparing participant estimated demand intensity on the cigarette purchase task to consumption when usual-brand cigarettes were provided free. *Prev Med.* 2020 Jul 24;106221. doi: 10.1016/j.ypmed.2020.106221. [PMCID: PMC7680356](#).
266. Dittus KL, Toth M, Priest J, O'Brien P, Kokinda N, Ades P. Effects of an exercise-based oncology rehabilitation program and age on strength and physical function in cancer survivors. *Supportive Care in Cancer.* 2020 Aug;28(8):3747-3754. PMID: 31828490.
267. Livingston-Rosanoff D, Trentham-Dietz A, Hampton JM, Newcomb PA, Wilke LG. Evaluation of long-term satisfaction with breast surgery in patients treated for ductal carcinoma in situ: a population-based longitudinal cohort study. *Ann Surg Oncol.* 2020 Aug;27(8):2628-2646. [PMCID: PMC7338253](#).
268. Delnevo CD, Giovenco DP, Villanti AC. Assessment of menthol and nonmenthol cigarette consumption in the US, 2000 to 2018. *JAMA Netw Open.* 2020 Aug 3;3(8):e2013601. [PMCID: PMC7414385](#).
269. Dube SL, Sigmon S, Althoff R, Dittus K, Gaalema DE, Ogden DE, Phillips J, Ades P, Potter AS. Association of self-reported executive function and mood with executive function task performance across adult populations. *Appl Neuropsychol Adult.* 2020 Aug 3;1-12. [PMCID: PMC7935411](#).
270. Chaarani B, Kan KJ, Mackey S, Spechler PA, Potter A, Banaschewski T, Millenet S, Bokde ALW, Bromberg U, Büchel C, Cattrell A, Conrod PJ, Desrivieres S, Flor H, Frouin V, Gallinat J, Gowland P, Heinz A, Ittermann B, Martinot JL, Nees F, Paus T, Poustka L, Smolka MN, Walter H, Whelan R, Stringaris A, Higgins ST, Schumann G, Garavan H, Althoff RR; IMAGEN Consortium. Neural correlates of adolescent irritability and its comorbidity with psychiatric disorders. *J Am Acad Child Adolesc Psychiatry.* 2020 Aug 26:S0890-8567(20)31355-1. doi: 10.1016/j.jaac.2019.11.028. [PMID: 32860907](#).
271. Klemperer EM, West JC, Peasley-Miklus C, Villanti AC. Change in tobacco and electronic cigarette use and motivation to quit in response to COVID-19. *Nicotine Tob Res.* 2020 Aug 24;22(9):1662-1663. [PMCID: PMC7197523](#).



### **COBRE PUBLICATIONS**

272. Peavey JJ, D'Amico SL, Kim BY, Higgins ST, Friedman DS, Brady CJ. Impact of socioeconomic disadvantage and diabetic retinopathy severity on poor ophthalmic follow-up in a rural Vermont and New York population. *Clin Ophthalmol*. 2020 Aug 21;14:2397-2403. doi: 10.2147/OPTH.S258270. PMID: 32904606
273. Wall HK, Stolp H, Wright JS, Ritchey MD, Thomas RJ, Ades PA, Sperling LS. The Million Hearts Initiative: Catalyzing utilization of cardiac rehabilitation and accelerating implementation of new care models. *J Cardiopulm Rehabil Prev*. 2020 Sep;40(5):290-293. PMID: [PMC7529047](#).
274. Rengo JL, Khadanga S, Savage PD, Ades PA. Response to exercise training during cardiac rehabilitation differs by sex. *J Cardiopulm Rehabil Prev*. 2020 Sep;40(5):319-324. DOI: 10.1097/HCR.0000000000000536. [PMID: 32796493](#).
275. Ahern TP, Damkier P, Feddersen S, Kjærsgaard A, Lash TL, Hamilton-Dutoit S, Lythjohan CB, Ejlertsen B, Christiansen PM, Cronin-Fenton DP. Predictive pharmacogenetic biomarkers for breast cancer recurrence prevention by simvastatin. *Acta Oncol*. 2020 Sep; 59(9): 1009–1015. PMID: [PMC7483991](#).
276. Higgins ST, Tidey JW, Sigmon SC, Heil SH, Gaalema DE, Lee D, Hughes JR, Villanti AC, Bunn JY, Davis DR, Bergeria CL, Streck JM, Parker M, Miller ME, DeSarno M, Priest JS, Cioe P, MacLeod D, Barrows A, Markesich C, Harfmann RF. Changes in cigarette consumption with reduced nicotine content cigarettes among smokers with psychiatric conditions or socioeconomic disadvantage: Three randomized clinical trials. *JAMA Network Open*. 2020 Oct 1;3(10):e2019311. doi: 10.1001/jamanetworkopen.2020.19311. [PMCID: PMC7576411](#).
277. Higgins ST, Slade EP, Shepard DS. Decreasing smoking during pregnancy: Potential economic benefit of reducing sudden unexpected infant death. *Prev Med*. 2020 Aug 17:106238. [PMCID: PMC7429512](#).
278. Melbostad HS, Badger GJ, Rey CN, MacAfee LK, Dougherty AK, Sigmon SC, Heil SH. Contraceptive knowledge among females and males receiving medication treatment for opioid use disorder compared to those seeking primary care. *Subst Use Misuse*. 2020;55(14):2403-2408. [PMCID: PMC7712494](#).
279. Higgins ST. Behavior change, health, and health disparities 2020: Current challenges in tobacco control and regulatory science. *Prev Med*. 2020 Oct 15:106287. doi: 10.1016/j.ypmed.2020.106287. PMID: [PMC8364292](#).
280. Kurti AN. Reducing tobacco use among women of childbearing age: Contributions of tobacco regulatory science and tobacco control. *Exp Clin Psychopharmacol*. 2020 Oct;28(5):501-516. Doi: 10.1037/pha0000342. [PMID: 31855002](#).
281. Villanti AC, Naud S, West JC, Pearson JL, Wackowski OA, Niaura RS, Hair E, Rath JM. Prospective associations between nicotine beliefs and tobacco-related susceptibility, curiosity, and use in U.S. adults. *Prev Med*. 2020 Nov;140:106285. [PMCID: PMC7779116](#).
282. Spechler PA, Chaarani B, Orr C, Albaugh MD, Fontaine NR, Higgins ST, Banaschewski T, Bokde ALW, Quinlan EB, Desrivières S, Flor H, Grigis A, Gowland P, Heinz A, Ittermann B, Artiges E,

## COBRE PUBLICATIONS

- Martinot MP, Nees F, Orfanos DP, Paus T, Poustka L, Hohmann S, Fröhner JH, Smolka MN, Walter H, Whelan R, Schumann G, Garavan H. Longitudinal associations between amygdala reactivity and cannabis use in a large sample of adolescents. *Psychopharmacol (Berl)*. 2020 Nov;237(11):3447-3458. PMID: [PMC7572697](#).
283. Heil SH, Bergeria CL, Lee DC, Bunn JY, Harfmann RF, Hughes JR, Tetreault HJ, Higgins ST. Abuse liability of cigarettes with very low nicotine content in pregnant cigarette smokers. *Prev Med*. 2020 Nov;140:106227. PMID: [PMC7680290](#).
284. Gaalema DE, Bolívar HA, Khadanga S, Priest JS, Higgins ST, Ades PA. Current smoking as a marker of a high-risk behavioral profile after myocardial infarction. *Prev Med*. 2020 Nov;140:106245. PMID: [PMC7680426](#).
285. Higgins ST, DeSarno M, Davis DR, Nighbor T, Streck JM, Adise S, Harfmann R, Nesheim-Case R, Markesich C, Reed D, Tyndale RF, Gaalema DE, Heil SH, Sigmon SC, Tidey JW, Villanti AC, Lee D, Hughes JR, Bunn JY. Relating individual differences in nicotine dependence severity to underpinning motivational and pharmacological processes among smokers from vulnerable populations. *Prev Med*. 2020 Nov;140:106189. PMID: [PMC7680415](#).
286. Barrett KV, Savage PD, Ades PA. Effects of Behavioral Weight Loss and Weight Loss Goal Setting in Cardiac Rehabilitation. *J Cardiopulm Rehabil Prev*. 2020 Nov;40(6):383-387. doi: 10.1097/HCR.0000000000000510. PMID: 32694455; PMID: PMC7647951.
287. West JC, Peasley-Miklus C, Graham AL, Mays D, Mermelstein R, Higgins ST, Villanti AC. Impact of alcohol and drug use on smoking and cessation in socioeconomically disadvantaged young adults. *Addict Behav*. 2020 Nov;110:106486. doi: 10.1016/j.addbeh.2020.106486. PMID: [32688226](#).
288. Baurley JW, Kjærsgaard A, Zwick ME, Cronin-Fenton DP, Collin LJ, Damkier P, Hamilton-Dutoit S, Lash TL, Ahern TP. Bayesian pathway analysis for complex interactions. *Am J Epidemiol*. 2020 Dec 1;189(12):1610-1622. PMID: [PMC7822643](#).
289. Streck JM, Sigmon SC, Priest J, Bergeria CL, Davis DR, Hughes JR, Villanti AC, Tidey JW, Heil SH, Gaalema DE, Stitzer ML, Higgins ST. Investigating tobacco withdrawal in response to reduced nicotine cigarettes among smokers with opioid use disorder and other vulnerabilities. *Exp Clin Psychopharmacol*. 2020 Dec;28(6):714-723. PMID: [PMC7415473](#).
290. Nighbor TD, Coleman S, Bunn JY, DeSarno M, Morehead AL, Tang KT, Keith DR, Plucinski S, Kurti AN, Zvorsky I, Higgins ST. Using the cigarette purchase task to examine the relative reinforcing value of cigarettes among mothers with versus without opioid dependence. *Exp Clin Psychopharmacol*. 2020 Dec;28(6):706-713. PMID: [PMC7483168](#).
291. Reed DD, Naudé GP, Salzer AR, Peper M, Monroe-Gulick AL, Gelino BW, Harsin JD, Foster RNS, Nighbor TD, Kaplan BA, Koffarnus MN, Higgins ST. Behavioral economic measurement of cigarette demand: A descriptive review of published approaches to the cigarette purchase task. *Exp Clin Psychopharmacol*. 2020 Dec;28(6):688-705. PMID: [PMC8428680](#).

### **COBRE PUBLICATIONS**

292. Higgins ST, Klemperer EM, Coleman SRM. Looking to the empirical literature on the potential for financial incentives to enhance adherence with COVID-19 vaccination. *Prev Med.* 2021 Jan 7;106421. doi: 10.1016/j.ypmed.2021.106421. [PMCID: PMC7792521](#).
293. Bolívar HA, Elliott RJ, Middleton W, Yoon JH, Okoli CTC, Haliwa I, Miller CC 3rd, Ades PA, Gaalema DE. Social smoking environment and associations with cardiac rehabilitation attendance. *J Cardiopulm Rehabil Prev.* 2021 Jan 1;41(1):46-51. [PMCID: PMC7755730](#).
294. Oleskowicz TN, Ochalek TA, Peck KR, Badger GJ, Sigmon SC. Within-subject evaluation of interim buprenorphine treatment during waitlist delays. *Drug Alcohol Depend.* 2021 Jan 20;220:108532. doi: 10.1016/j.drugalcdep.2021.108532. [PMCID: PMC8148627](#)
295. Brady CJ, Liu Y. Moving from just “thinking outside the box” to doing. *JAMA Ophthalmol.* 2021 Jan 28. Doi: 10.1001/jamaophthalmol.2020.6374. [PMID: 33507204](#).
296. Potter A, Dube S, Allgaier N, Loso H, Ivanova M, Barrios LC, Bookheimer S, Chaarani B, Dumas J, Feldstein-Ewing S, Freedman EG, Garavan H, Hoffman E, McGlade E, Robin L, Johns MM. Early adolescent gender diversity and mental health in the Adolescent Brain Cognitive Development study. *J. Child Psychol Psychiatry.* 2021 Feb;62(2):171-179. [PMCID: PMC7704539](#).
297. Lee CI, Zhu W, Onega T, Henderson LM, Kerlikowske K, Sprague BL, Rauscher GH, O'Meara ES, Tosteson ANA, Haas JS, diFlorio-Alexander R, Kaplan C, Miglioretti DL. Comparative Access to and Use of Digital Breast Tomosynthesis Screening by Women's Race/Ethnicity and Socioeconomic Status. *JAMA Netw Open.* 2021 Feb 1;4(2):e2037546. [PMCID: PMC7896194](#).
298. Brady CJ, D'Amico S, Withers N, Kim BY. Using public datasets to identify priority areas for ocular telehealth. *Telemed J E Health.* 2021 Feb 18. Doi: 10.1089/tmj2020.043. PMID [33600257](#).
299. Klemperer EM, Villanti AC. Why and how do dual users quit vaping? Survey findings from adults who use electronic and combustible cigarettes. *Tob Induc Dis.* 2021 Feb 16;19:12. doi: 10.18332/tid/132547. PMID: 33603595; PMCID: PMC7885258.
300. Collin LJ, Cronin-Fenton DP, Ahern TP, Goodman M, McCullough LE, Waller LA, Kjærsgaard A, Damkier P, Christiansen PM, Ejlersen B, Jensen MB, Sørensen HT, Lash TL. Early discontinuation of endocrine therapy and recurrence of breast cancer among premenopausal women. *Clin Cancer Res.* 2021 Mar 1;27(5):1421-1428. PMCID: [PMC7925421](#).
301. Grunvald W, Herrington R, King R, Lamberson M, Mackey S, Maruti S, Rawson R, Wolfson D. COVID-19: A new barrier to treatment for opioid use disorder in the emergency department. *J Am Coll Emerg Physicians Open.* 2021 Mar 17;2(2):e12403. [PMCID: PMC7967916](#).
302. Rawson R, Glasner S, Brecht ML, Farabee D. A randomized comparison of 4 vs 16 weeks of psychosocial treatment for stimulant users. *J Subst Abuse Treat.* 2021 May;124:108274. Doi: 10.1016/j.jsat.2020.108274. [PMID: 33771278](#).
303. Parker MA, Agle J, Adams ZW, Villanti AC. Opioid use, motivation to quit, and treatment status related to COVID-19: a cross-sectional study. *BMC Res Notes.* 2021 May 20;14(1):195. [PMCID: PMC8135148](#).

### **COBRE PUBLICATIONS**

304. Ahern TP, Sprague BL, Farina NH, Tsai E, Cuke M, Kontos D, Wood ME. Lifestyle, behavioral, and dietary risk factors in relation to mammographic breast density in women at high risk for breast cancer. *Cancer Epidemiol Biomarkers Prev.* 2021 May;30(5):936-944. [PMCID: PMC8102346.](#)
305. Coleman SRM, Bunn JY, Nighbor TD, Kurti AN, Bolívar HA, Tyndale RF, Higgins ST. Use of electronic nicotine delivery systems (ENDS) among U.S. women of reproductive age: Prevalence, reported reasons for use, and toxin exposure. *Prev Med.* 2021 Apr 27;106582. doi: 10.1016/j.ypmed.2021.106582. [PMID: 33930436.](#)
306. Peck KR, Ochalek TA, Streck JM, Badger GJ, Sigmon SC. Impact of current pain status on low-barrier buprenorphine treatment response among patients with opioid use disorder. *Pain Med.* 2021 May 21;22(5):1205-1212. [PMCID: PMC8139817.](#)
307. Harder VS, Plante TB, Koh I, Rogers EB, Varni SE, Villanti AC, Brooklyn JR, Fairfield KM. Influence of opioid prescription policy on overdoses and related adverse effects in a primary care population. *J Gen Intern Med.* 2021 May 4. doi: 10.1007/s11606-021-06831-4. [PMID: 33948793.](#)
308. O'Malley SS, Crouch MC, Higgins ST. Bringing together behavioral science, community engagement, and cultural adaptations to increase alcohol abstinence among American Indian and Alaska Native People using contingency management therapy. *JAMA Psychiatry.* 2021 Jun 1;78(6):595-596. [PMID: 33656541.](#)
309. Adise S, Allgaier N, Laurent J, Hahn S, Chaarani B, Owens M, Yuan D, Nyugen P, Mackey S, Potter A, Garavan HP. Multimodal brain predictors of current weight and weight gain in children enrolled in the ABCD study ®. *Dev Cogn Neurosci.* 2021 Jun;49:100948. [PMCID: PMC8066422.](#)
310. Klemperer EM, Hughes JR, Callas PW, West JC, Villanti AC. Tobacco and nicotine use among US adult “never smokers” in Wave 4 (2016-2018) of the Population Assessment of Tobacco and Health Study. *Nicotine Tob Res.* 2021 Jun 8;23(7):1199-1207. [PMCID: PMC8186421.](#)
311. Khadanga S, Gaalema DE, Savage P, Ades PA. Underutilization of Cardiac Rehabilitation in Women: barriers and solutions. *J Cardiopulm Rehabil Prev.* 2021 Jul 1;41(4):207-213. doi: 10.1097/HCR.0000000000000629. [PMID: 34158454](#)
312. Longden TA, Mughal A, Hennig GW, Harraz OF, Shui B, Lee FK, Lee JC, Reining S, Kotlikoff MI, König GM, Kostenis E, Hill-Eubanks D, Nelson MT. Local IP<sub>3</sub> receptor-mediated Ca<sup>2+</sup> signals compound to direct blood flow in brain capillaries. *Sci Adv.* 2021 Jul 21;7(30):eabh0101. [PMCID: PMC8294755.](#)
313. Peck KR, Nighbor TD, Price M. Examining associations between impulsivity, opioid use disorder, and posttraumatic stress disorder: The additive relation between disorders. *Exp Clin Psychopharmacol.* 2021 Jul 22. doi: 10.1037/pha0000507. [PMID: 34291989](#)
314. Heil SH, Melbostad HS, Matusiewicz AK, Rey CN, Badger GJ, Shepard DS, Sigmon SC, MacAfee LK, Higgins ST. Efficacy and cost-benefit of onsite contraceptive services with and without incentives among women with opioid use disorder at high risk for unintended pregnancy: A randomized clinical trial. *JAMA Psychiatry.* 2021 Jul 14. doi: 10.1001/jamapsychiatry.2021.1715. [PMCID: PMC8280955.](#)

### **COBRE PUBLICATIONS**

315. Barberio J, Ahern TP, MacLehose RF, Collin LJ, Cronin-Fenton DP, Damkier P, Sørensen HT, Lash TL. Assessing techniques for quantifying the impact of bias due to an unmeasured confounder: An applied example. *Clin Epidemiol.* 2021 Jul 27;13:627-635. PMID: [PMC8326776](#).
316. Keith DR, Skelly J, Tang KJ, Kurti AN, Higgins ST. Household-smoking bans are associated with reduced nicotine exposure, increased smoking abstinence, and improved birth outcomes among pregnant women enrolled in smoking-cessation treatment. *Exp Clin Psychopharmacol.* 2021 Aug;29(4):366-374. PMID: [33180541](#).
317. Leshner G, Stevens EM, Cohn AM, Kim S, Kim N, Wagener TL, Villanti AC. Cognitive and affective responses to marijuana prevention and educational messaging. *Drug Alcohol Depend.* 2021 Aug 1;225:108788. doi: 10.1016/j.drugalcdep.2021.108788. PMID: [PMC8282745](#).
318. Lash TL, Ahern TP, Collin LJ, Fox MP, MacLehose RF. Bias analysis gone bad. *Am J Epidemiol.* 2021 Aug 1;190(8):1604-1612. PMID: [PMC8484933](#).
319. Lash TL, Ahern TP, Collin LJ, Fox MP, MacLehose RF. Lash et al. Respond to “Better bias analysis” and “Toward better bias analysis”. *Am J Epidemiol.* 2021 Aug 1;190(8):1622-1624. PMID: [33778843](#).
320. Pericot-Valverde I, Heo M, Litwin AH, Niu J, Gaalema DE. Modeling the effect of stress on vaping behavior among young adults: A randomized cross-over pilot study. *Drug Alcohol Depend.* 2021 Aug 1;225:108798. PMID: [PMC8504555](#).
321. Bolivar HA, Klemperer EM, Coleman SRM, DeSarno M, Skelly JM, Higgins St. Contingency management for patients receiving medication for opioid use disorder: A systematic review and meta-analysis. *JAMA Psychiatry.* 2021 Aug 4. Doi: 10.1001/jamapsychiatry.2021.1969. PMID: [PMC8340014](#).
322. Harder VS, Villanti AC, Heil SH, Smith ML, Gaalema DE, Meyer MC, Schafrick NH, Sigmon SC. Opioid use disorder treatment in rural settings: The primary care perspective. *Prev Med.* 2021 Aug 16:106765. PMID: [34411588](#).
323. Livingston-Rosanoff D, Trentham-Dietz A, Hampton JM, Newcomb PA, Wilke LG. Does margin width impact breast cancer recurrence rates in women with breast conserving surgery for ductal carcinoma in situ? *Breast Cancer Res Treat.* 2021 Sep;189(2):463-470. PMID: [34129117](#).
324. Khadanga S, Savage PD, Gaalema DE, Ades PA. Predictors of cardiac rehabilitation participation: Opportunities to increase enrollment. *J Cardiopulm Rehabil Prev.* 2021 Sept 1;41(5):322-327. PMID: [PMC8310538](#).
325. Sprague BL, Lowry KP, Miglioretti DL, Alsheik N, Bowles EJA, Tosteson ANA, Rauscher G, Herschorn SD, Lee JM, Trentham-Dietz A, Weaver DL, Stout NK, Kerlikowske K. Changes in mammography use by women's characteristics during the first 5 months of the COVID-19 pandemic. *J Natl Cancer Inst.* 2021 Sep 4;113(9):1161-1167. PMID: [PMC8083761](#)
326. Ades PA, Savage PD. The treatment of obesity in cardiac rehabilitation. *J Cardiopulm Rehabil Prev.* 2021. 2021 Sep 1;41(5):295-301. PMID: [34461619](#).

### **COBRE PUBLICATIONS**

327. Melbostad HS, Savage PD, Mahoney K, Gaalema DE, Ades PA, Shepard DS: Financial analysis of cardiac rehabilitation and the impact of COVID-19. *J Cardiopulm Rehabil Prev.* 2021 Sep 1;41(5):308-314. [PMCID: PMC8436146](#).
328. MacLehose RF, Ahern TP, Lash TL, Poole C, Greenland S. The importance of making assumptions in bias analysis. *Epidemiology.* 2021 Sept 1;32(5):617-624. [PMCID: PMC8318561](#).
329. Higgins ST. Behavior change, health, and health disparities 2021: Rural addiction and health. *Prev Med.* 2021 Oct 6:106834. [PMID: 34626647](#).
330. Davis DR, Parker MA, Delnevo CD, Villanti AC. Examining menthol preference as a correlate of change in cigarette smoking behavior over a one-year period. *Int. J. Environ. Res. Public Health.* 2021 Oct 16;18(20):10878. [PMCID: PMC8535481](#).
331. Lowry KP, Bissell M, Miglioretti DL, Kerlikowske K, Alsheik N, Macarol T, Bowles EJA, Buist DSM, Tosteson ANA, Henderson L, Herschorn SD, Wernli KJ, Weaver DL, Stout NK, Sprague BL. Breast biopsy recommendations and breast cancers diagnosed during the COVID-19 pandemic. *Radiology.* 2021 Oct 19:211808. doi: 10.1148/radiol.2021211808. [PMCID: PMC8544262](#).
332. Parker MA, Villanti AC. Relationship between comorbid drug use disorders, affective disorders, and current smoking. *Subst Use Misuse.* 2021;56(1):93-100. [PMCID: PMC8269958](#).
333. Sprague BL, Ahern TP, Herschorn SD, Sowden M, Weaver DL, Wood ME. Identifying key barriers to effective breast cancer control in rural settings. *Prev Med.* 2021 Nov;152(Pt 2):106741. [PMCID: PMC8545865](#).
334. Rengo J, Savage PD, Hirashima F, Leavitt BJ, Ades PA, Toth MJ. Improvement in physical function after coronary artery bypass graft surgery using a novel rehabilitation intervention: A randomized, controlled trial. *J Cardiopulm Rehabil Prev.* 2021 Nov 1;41(6):413-418. [PMCID: PMC8310525](#).
335. Gaalema DE, Mahoney K, Ballon J. (2021). Cognition and exercise: General overview and implications for cardiac rehabilitation. *J Cardiopulm Rehabil Prev.* 2021 Nov 1;41(6):400-406. [PMCID: PMC8563446](#).
336. Naufal F, Brady CJ, Wolle MA, Saheb Kashaf M, Mkocho H, Bradley C, Kobana G, Njondi J, Massof RW, West SK. Evaluation of photography using head-mounted display technology (ICAPS) for district Trachoma surveys. *PLoS Negl Trop Dis.* 2021 Nov 8;15(11):e0009928. [PMCID: PMC8601615](#).
337. Collin LJ, Veres K, Gradus JL, Ahern TP, Lash TL, Sørensen HT. Preexisting stress-related diagnoses and mortality: A Danish cancer cohort study. *Cancer.* 2022 Mar 15;128(6):1312-1320. [PMCID: PMC8882160](#).
338. Higgins ST, DeSarno M, Bunn JY, Gaalema DE, Leventhal AM, Davis DR, Streck JM, Harfmann RF, Markesich C, Orr E, Sigmon SC, Heil SH, Tidey JW, Lee D, Hughes JR. Cumulative vulnerabilities as a potential moderator of response to reduced nicotine content cigarettes. *Prev Med.* 2021 Nov;152(Pt 2):106714. [PMID: 34242666](#).

### COBRE PUBLICATIONS

339. Harder VS, Varni SE, Murray KA, Plante TB, Villanti AC, Wolfson DL, Maruti S, Fairfield KM. Prescription opioid policies and associations with opioid overdose and related adverse effects. *Int J Drug Policy*. 2021 Nov;97:103306. [PMCID: PMC8585674](#).
340. Villanti AC, Klemperer EM, Sprague BL, Ahern TP. State-level rurality and cigarette smoking-associated cancer incidence and mortality: Do individual-level trends translate to population-level outcomes? *Prev Med*. 2021 Nov;152(Pt 2):106759. [PMCID: PMC8545854](#).
341. Gaalema DE, O'Neill S, Savage P, Bolívar HA, Denkmann D, Khadanga S, Ades PA. (2021). The association of patient educational attainment with cardiac rehabilitation adherence and benefits of cardiac rehabilitation. *J Cardiopulm Rehabil Prev*. 2021 Nov 24. Doi: 10.1097/HCR.0000000000000646. [PMID: 34840247](#).
342. Peck KR, Moxley-Kelly N, Badger GJ, Sigmon SC. Posttraumatic stress disorder in individuals seeking treatment for opioid use disorder in Vermont. *Prev Med*. 2021 Nov;152(Pt 2):106817. [PMCID: PMC8641000](#).
343. Leventhal AM, Dai H, Higgins ST. Smoking cessation prevalence and inequalities in the U.S., 2014-2019. *J Nat'l Cancer Inst*. 2021 Nov 24;djab208. Doi: 10.1093/jnci/djab208. [PMID: 34850047](#).
344. Ahern TP, MacLehose RF, Haines L, Cronin-Fenton DP, Damkier P, Collin LJ, Lash TL. Improving the transparency of meta-analyses with interactive web applications. *BMJ Evid Based Med*. 2021 Dec;26(6):327-332. [PMCID: PMC7530078](#).

### **2022**

345. Rengo JL, Savage PD, Hirashima F, Leavitt BJ, Ades PA, Toth MJ. Assessment of the early disabling effects of coronary artery bypass graft surgery using direct measures of physical function. In Press, 2020, *J Cardiopulm Rehabil Prev*. 2022 Jan 1;42(1):28-33. Doi: 10.1097/HCR.0000000000000587. PMID: [33797459](#). PMCID: PMC8464611.
346. Higgins ST. Leveraging behavioral economics and reinforcement theory in treating episodic heavy drinking among college students. *Alcohol Clin Exp Res*. 2022 Jan;46(1):25-28. [PMCID: PMC8799517](#)
347. Oliver AC, DeSarno M, Irvin CG, Kaminsky D, Tidey JW, Sigmon SC, Heil SH, Gaalema DE, Lee D, Bunn JY, Davis DR, Streck JM, Gallagher T, Higgins ST. Effects of reduced nicotine content cigarettes on Fractional Exhaled Nitric Oxide and self-reported respiratory health outcomes among smokers with psychiatric conditions or socioeconomic disadvantage. *Nicotine Tob Res*. 2022 Jan 1;24(1):135-140. [PMID: 34255068](#).
348. Ades PA, Khadanga S, Savage PD, Gaalema DE. Enhancing participation in cardiac rehabilitation: Focus on underserved populations. *Prog Cardiovasc Dis*. 2022 Jan-Feb;70:102-110. doi: 10.1016/j.pcad.2022.01.003. Epub 2022 Jan 31. PMID: 35108567.
349. Thrailkill EA, DeSarno M, Higgins ST. Loss aversion and risk for cigarette smoking and other substance use. *Drug Alcohol Depend*. 2022 Mar 1;232:109307. [PMCID: PMC8887823](#)
350. Ametti MR, Crehan ET, O'Loughlin K, Schreck MC, Dube SL, Potter AS, Sigmon SC, Althoff RR. Frustration, cognition, and psychophysiology in dysregulated children: A research domain criteria

### COBRE PUBLICATIONS

- approach. *J Am Acad Child Adolesc Psychiatry*. 2022 Jan 21:S0890-8567(22)00012-0. [PMID: 35074486](#)
351. Curran DM, Kim BY, Withers N, Shepard DS, Brady CJ. Telehealth screening for diabetic retinopathy: Economic modeling reveals cost savings. *Telemed J E Health*. 2022 Jan 24. [PMID: 35073213](#)
352. Khadanga S, Savage PD, Pecha A, Rengo J, Ades PA. Optimizing training response for women in cardiac rehabilitation. A randomized clinical trial. *JAMA Cardiol*. 2022 Feb 1;7(2):215-218. [PMCID: PMC8613699](#).
353. Higgins ST, Nighbor TD, Kurti AN, Heil SH, Slade EP, Shepard DS, Solomon LJ, Lynch ME, Johnson HK, Markesich C, Rippberger PL, Skelly JM, DeSarno M, Bunn J, Hammond JB, Roemhildt ML, Williams RK, O'Reilly DM, Bernstein IM. Randomized clinical trial examining the efficacy of adding financial incentives to best practices for smoking cessation among pregnant and newly postpartum women. *Prev Med*. 2022 Mar 3:107012. doi: 10.1016/j.ypmed.2022.107012. Epub ahead of print. [PMID: 35248683](#).
354. Cummings C, Crochiere R, Lansing AH, Patel R, Stanger C. A digital health program targeting physical activity among adolescents with overweight or obesity: Open trial. *JMIR Pediatr Parent*. 2022 Mar 28;5(1):e32420. doi: 10.2196/32420. PMID: 35343903; PMCID: PMC9002597.
355. Coleman SRM, Oliver AC, Klemperer EK, DeSarno M, Atwood G, Higgins ST. Delay discounting and narcissism: A review and meta-analysis with implications for narcissistic personality disorder. *Personal Disord*. 2022 May;13(3):210-220. [PMID: 34990195](#). PMCID: PMC9064993.
356. Middleton WA, Savage PD, Khadanga S, Rengo JL, Ades PA, Gaalema DE. Benchmarking depressive symptoms in cardiac rehabilitation. *J Cardiopulm Rehabil Prev*. 2022 May 1;42(3):163-171. [PMID: 34840245](#). PMCID: PMC9058142.
357. Every CG, Kurti AN, Skelly JM, Medina NA, Higgins ST. Examining the latent factor structure of a hypothetical cigarette purchase task among pregnant women. *Exp Clin Psychopharmacol*. 2022 May 19. doi: 10.1037/pha0000571. Epub ahead of print. [PMID: 35587423](#).
358. Kurti AN, Nighbor TD, Tang K, Bolívar HA, Every CG, Skelly J, Higgins ST. Effect of smartphone-based financial incentives on peripartum smoking among pregnant individuals: A randomized clinical trial. *JAMA Netw Open*. 2022 May 2;5(5):e2211889. doi: 10.1001/jamanetworkopen.2022.11889. [PMID: 35560055](#).
359. Khadanga S, Savage PD, Ades PA. High-intensity interval training vs moderate-intensity continuous training for women receiving cardiovascular rehabilitation-reply. *JAMA Cardiol*. 2022 Jun 15. doi: 10.1001/jamacardio.2022.1482. Epub ahead of print. [PMID: 35704343](#).
360. Klemperer EM, Streck JM, Lindson N, West JC, Su A, Hughes JR, Carpenter MJ. A systematic review and meta-analysis of interventions to induce attempts to quit tobacco among adults not ready to quit. *Exp Clin Psychopharmacol*. 2022 Jun 30. Doi: 10.1037/pha0000583. Epub ahead of print. [PMID: 35771496](#).
361. Gaalema DE, Savage PD, O'Neill S, Bolívar HA, Denkmann D, Priest JS, Khadanga S, Ades PA. The association of patient educational attainment with cardiac rehabilitation adherence and health



### **COBRE PUBLICATIONS**

- outcomes. *J Cardiopulm Rehabil Prev.* 2022 Jul 1;42(4):227-234. doi: 10.1097/HCR.0000000000000646. Epub 2021 Nov 24. PMID: 34840247; [PMCID: PMC9127001](#).
362. LePine SE, Klemperer EM, West JC, Peasley-Miklus C, McCluskey C, Jones A, Roemhildt M, Trutor M, Williams R, Villanti A. Exploring Definitions of "Addiction" in Adolescents and Young Adults and Correlation with Substance Use Behaviors. *Int J Environ Res Public Health.* 2022 Jun 30;19(13):8075. doi: 10.3390/ijerph19138075. PMID: 35805733; [PMCID: PMC9266281](#).
363. Nighbor TD, Browning KO, Reed EN, Oliver AC, DeSarno MJ, Kurti AN, Bickel WK, Higgins ST. Using an experimental tobacco marketplace to pilot test the substitutability of JUUL e-cigarettes and other alternative nicotine and tobacco products for conventional cigarettes among vulnerable populations. *Prev Med.* 2022 Jul 1:107122. doi: 10.1016/j.ypmed.2022.107122. Epub ahead of print. [PMID: 35787842](#).
364. Dube SL, Sigmon S, Althoff RR, Dittus K, Gaalema DE, Ogden DE, Phillips J, Ades P, Potter AS. Association of self-reported executive function and mood with executive function task performance across adult populations. *Appl Neuropsychol Adult.* 2022 Jul-Aug;29(4):605-616. doi: 10.1080/23279095.2020.1794869. Epub 2020 Aug 3. PMID: 32744868; [PMCID: PMC7935411](#).
365. Khadanga S, Yant B, Savage PD, Rengo J, Gaalema DE. Objective measure of smoking status highlights disparities by sex. *Am Heart J Plus.* 2022 May;17:100171. doi: 10.1016/j.ahjo.2022.100171. Epub 2022 Jul 5. PMID: 35937642; [PMCID: PMC9351394](#).
366. Villanti AC, Peasley-Miklus C, Cha S, Schulz JA, Klemperer EM, LePine E, West JC, Mays D, Mermelstein R, Higgins ST, Graham AL. Tailored text message and web intervention for smoking cessation in U.S. socioeconomically-disadvantaged young adults: a randomized controlled trial. *Prev Med.* In press.
367. Higgins ST, Erath TG, DeSarno M, Gaalema DE, Sigmon SC, Heil SH, Tidey JW, Reed DD. Leveraging the cigarette purchase task to understand relationships between cumulative vulnerabilities, the relative reinforcing effects of smoking, and response to reduced nicotine content cigarettes. *Prev Med.* In press.

#### **Publication Count:**

**Phase I: 130**

**Phase II: 237**