

CURRICULUM VITAE  
**CARA M. MURPHY, Ph.D.**

Center for Alcohol & Addiction Studies  
Department of Behavioral & Social Sciences  
Brown University School of Public Health  
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**EDUCATION**

**Undergraduate Bachelor of Science, Union College, 2007**

Majors: Psychology and Spanish, Minor: English  
Senior Thesis: *College Student Alcohol Use: The Role of Self-Monitoring and Impact on Neuropsychological Function*  
Honors: Magna Cum Laude, Presidential Scholarship, Scholars Program, Dean's List, Psychology Honors

**Graduate Master of Science, Clinical Psychology (APA-accredited), University of Georgia, 2012**

Master's Thesis: *An Experimental Examination of Mindfulness as a Strategy for Coping with Cravings for Alcohol*

**Doctor of Philosophy, Clinical Psychology (APA-accredited), University of Georgia, 2015**

Doctoral Dissertation: *The Substitutability of Cigarettes and Food: A Behavioral Economic Approach*

Honors: Graduate School Travel Funding Award; Office of the Vice President of Research International Travel Funding Award; Research Society on Alcoholism Student Merit Award; Nominee, Zimmer Research Award; Nominee, A. S. Edwards Award; Nominee, Florene M. Young Award in Clinical Psychology

**Residency Predoctoral Clinical Residency (APA-accredited), Brown University, 2015**

Brown Clinical Psychology Training Consortium - Adult Clinical Track  
Department of Psychiatry & Human Behavior, Alpert Medical School of Brown University

**POSTGRADUATE TRAINING**

**Fellowship Postdoctoral Research Fellow, 2015-2018**

NIDA T32 Substance Abuse Intervention Outcome Research Training Program  
Center for Alcohol and Addiction Studies, Brown University

**ACADEMIC APPOINTMENTS**

2019-present Assistant Professor, Department of Behavioral and Social Sciences  
Brown University School of Public Health, Providence, RI

2018-2019 Research Associate, Department of Behavioral and Social Sciences  
Brown University School of Public Health, Providence, RI

**HOSPITAL APPOINTMENTS**

10/15-10/18 Postdoctoral Fellow, Center for Weight and Wellness  
The Miriam Hospital, Providence, RI

**PROFESSIONAL LICENSES AND CERTIFICATIONS**

2018-present Psychologist, State of Rhode Island, #PS01712

**POSTGRADUATE HONORS AND AWARDS**

2015 Ruth L. Kirschstein National Research Service Award, Center for Alcohol and Addiction Studies  
 2016 Research Excellence Award, Center for Alcohol and Addiction Studies  
 2016 Extramural Loan Repayment Program for Clinical Researchers, National Institute on Drug Abuse  
 2018 Postdoctoral Sharon Chauncey Fellowship Award, Center for Alcohol and Addiction Studies  
 2019 Extramural Loan Repayment Program for Clinical Researchers, National Institute on Drug Abuse

**MEMBERSHIP IN SOCIETIES**

2006-present Psi Chi Psychological Honor Society  
 2007-present Phi Beta Kappa Society  
 2007-present Sigma Xi Scientific Research Society  
 2007-present Sigma Delta Pi Spanish Honor Society  
 2009-present American Psychological Association  
 2009-2014 Association for Behavioral and Cognitive Therapies  
 2011-2012 Association for Behavior Analysis International  
 2013-present Division 50: Society of Addiction Psychology, American Psychological Association  
 2016-present Division 28: Psychopharmacology and Substance Abuse, American Psychological Association  
 2016-present Division 38: Society for Health Psychology, American Psychological Association  
 2018-present Society for Research on Nicotine and Tobacco

**UNIVERSITY SERVICE**

2014-present Diversity Committee, Brown University  
 2016-present Diversity Mentoring Workgroup, Brown University

**NATIONAL SERVICE**

2018 Conference Session co-chair, Society for Research on Nicotine and Tobacco

**EDITORIAL ACTIVITIES**

Ad-hoc Addiction  
 Manuscript Addictive Behaviors  
 Reviewer Alcohol and Alcoholism  
 Cognitive Behaviour Therapy  
 Drug and Alcohol Dependence  
 Experimental and Clinical Psychopharmacology  
 International Journal of Methods in Psychiatric Research  
 Journal of Psychopathology and Behavioral Assessment  
 Journal of Studies on Alcohol and Drugs  
 Journal of Substance Abuse Treatment  
 Journal of the Experimental Analysis of Behavior

Nicotine & Tobacco Research  
 Physiology & Behavior  
 PLOS ONE  
 Psychiatry Research, Psychological Science  
 Psychology of Addictive Behaviors  
 Substance Use and Misuse  
 The American Journal on Addictions

## **PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. **Murphy, C. M.**, & MacKillop, J. (2011). Factor structure of the alcohol dependence scale in a heavy drinking college sample. *Journal of Psychopathology and Behavioral Assessment*, 33(4), 523-530. doi:10.1007/s10862-011-9239-4
2. Dickey, C. C., Panych, L. P., Voglmaier, M. M., Niznikiewicz, M. A., Terry, D. P., **Murphy, C.**, Zacks, R., Shenton, M. E., & McCarley, R. W. (2011). Facial emotion recognition and facial affect display in schizotypal personality disorder. *Schizophrenia Research*, 131(1-3), 242-249. doi:10.1016/j.schres.2011.04.020
3. **Murphy, C. M.**, & MacKillop, J. (2012). Living in the here and now: Interrelationships between impulsivity, mindfulness, and alcohol misuse. *Psychopharmacology*, 219(2), 527-536. doi:10.1007/s00213-011-2573-0
4. Few, L. R., Acker, J., **Murphy, C.**, & MacKillop, J. (2012). Temporal stability of a cigarette purchase task. *Nicotine & Tobacco Research*, 14(6), 761-765. doi:10.1093/ntr/ntr222
5. MacKillop, J., Few, L. R., Murphy, J. G., Wier, L. M., Acker, J., **Murphy, C.**, Stojek, M., Carrigan, M., & Chaloupka, F. (2012). High-resolution behavioral economic analysis of cigarette demand to inform tax policy. *Addiction*, 107(12), 2191–2200. doi:10.1111/j.1360-0443.2012.03991.x
6. MacKillop, J., Brown, C. L., Stojek, M. K., **Murphy, C. M.**, Sweet, L., & Niaura, R. S. (2012). Behavioral economic analysis of withdrawal- and cue-elicited craving for tobacco: An initial investigation. *Nicotine & Tobacco Research*, 14(12), 1426-1434. doi:10.1093/ntr/nts006
7. **Murphy, C. M.**, Stojek, M. K., Few, L. R., Rothbaum, A. O., & MacKillop, J. (2014). Craving as an alcohol use disorder symptom in DSM-5: An empirical examination in a treatment-seeking sample. *Experimental and Clinical Psychopharmacology*, 22(1), 43-49. doi: 10.1037/a0034535
8. **Murphy, C. M.**, Stojek, M. K., & MacKillop, J. (2014). Interrelationships among impulsive personality traits, food addiction, and Body Mass Index. *Appetite*, 73(1), 45-50. doi:10.1016/j.appet.2013.10.008
9. **Murphy, C. M.**, & MacKillop, J. (2014). Mindfulness as a strategy for coping with cue-elicited cravings for alcohol: An experimental examination. *Alcoholism: Clinical and Experimental Research*, 38(4), 1134-1142. doi:10.1111/acer.12322
10. Stojek, M. S., Fischer, S., **Murphy, C. M.**, & MacKillop, J. (2014). The role of impulsivity traits and delayed reward discounting in dysregulated eating and drinking among heavy drinkers. *Appetite*, 80, 81-88. doi:10.1016/j.appet.2014.05.004
11. MacKillop, J., Few, L.R., Stojek, M.K., **Murphy, C. M.**, Malutinok, S., Johnson, F., Hofmann, S., Swift, R., McGeary, J.E., & Monti, P.M. (2015). D-cycloserine to enhance extinction of cue-elicited craving for alcohol: A translational approach. *Translational Psychiatry*, 5(4), e544. doi:10.1038/tp.2015.41

12. Owens, M. M., **Murphy, C. M.**, MacKillop, J. (2015). Initial development of a brief behavioral economic assessment of acute motivation for alcohol. *Psychology of Consciousness: Theory, Research, and Practice*, 2(2), 144-152. doi:10.1037/cns0000056
13. MacKillop, J., **Murphy, C. M.**, Martin, R. A., Stojek, M., Tidey, J. W., Colby, S. M., & Rohsenow, D. J. (2016). Predictive validity of a cigarette purchase task in a randomized controlled trial of contingent vouchers for smoking in individuals with Substance Use Disorders. *Nicotine and Tobacco Research*, 18(5), 531-537. doi:10.1093/ntr/ntv233
14. Martin, R. A., Cassidy, R., **Murphy, C. M.**, & Rohsenow, D. J. (2016). Barriers to quitting smoking among substance dependent patients predict outcome. *Journal of Substance Abuse Treatment*, 64, 7-12. doi:10.1016/j.jsat.2016.02.007
15. **Murphy, C. M.**, Owens, M. M., Sweet, L. H., & MacKillop, J. (2016). The substitutability of cigarettes and food: A behavioral economic comparison in normal weight and overweight or obese smokers. *Psychology of Addictive Behaviors*, 30(8), 857-867. doi:10.1037/adb0000223
16. Owens, M. M., MacKillop, J., Gray, J. C., Hawkshead, B. E., **Murphy, C. M.**, & Sweet, L. H. (2017). Neural correlates of graphic cigarette warning labels predict smoking cessation relapse. *Psychiatry Research: Neuroimaging*, 262, 63-70. doi:10.1016/j.pscychresns.2017.02.005
17. **Murphy, C. M.**, MacKillop, J., Martin, R. A., Tidey, J. W., Colby, S. M. & Rohsenow, D. J. (2017). Effects of varenicline versus transdermal nicotine replacement therapy on cigarette demand on quit day in individuals with substance use disorders. *Psychopharmacology*, 234(16), 2443-2452. doi:10.1007/s00213-017-4635-4
18. **Murphy, C. M.**, Rohsenow, D. J., Johnson, K. C., & Wing, R. R. (2018). Smoking and weight loss among overweight and obese smokers in Look AHEAD. *Health Psychology*, 37(5), 399-406. doi:10.1037/hea0000607
19. Lechner, W., **Murphy, C. M.**, Colby, S., Janssen, T., Rogers, M. L., & Jackson, K. M. (2018). Cognitive risk factors of electronic and combustible cigarette use in adolescents. *Addictive Behaviors*, 82, 182-188. doi: 10.1016/j.addbeh.2018.03.006
20. **Murphy, C. M.**, Martin, R. A., Tidey, J. W., Colby, S. M. & Rohsenow, D. J. (2018). Smoking outcome expectancies predict smoking during voucher-based treatment for smokers with substance use disorders. *Journal of Substance Abuse Treatment*, 90, 73-78. doi: 10.1016/j.jsat.2018.04.013
21. **Murphy, C. M.**, Janssen, T., Colby, S. M., & Jackson, K. M. (2019). Low self-esteem for physical appearance mediates the effect of body mass index on smoking initiation among adolescents. *Journal of Pediatric Psychology*, 44(2), 197-207. doi: 10.1093/jpepsy/jsy070
22. **Murphy, C. M.**, Cassidy, R. N., Martin, R. A., Tidey, J. W., MacKillop, J., & Rohsenow, D. J. (2019). Brief Assessment of Cigarette Demand (BACD): Initial development and correlational results in adults and adolescents. *Experimental and Clinical Psychopharmacology*. doi: 10.1037/pha0000267
23. Becker, S. J., Scott, K., **Murphy, C. M.**, Pielech, M., Moul, S., Yap, K., Garner, B. (2019). User-centered design of contingency management for implementation in opioid treatment programs: A qualitative study. *BMC Health Services Research*, 19(1), 466. doi: 10.1186/s12913-019-4308-6
24. González-Roz, A., Jackson, J., **Murphy, C. M.**, Rohsenow, D., MacKillop, J. (2019). Behavioral economic tobacco demand in relation to cigarette consumption and nicotine dependence: A meta-analysis of cross-sectional relationships. *Addiction*, 114(11), 1926-1940. doi: 10.1111/add.14736

## **BOOK CHAPTERS**

1. MacKillop, J. & **Murphy, C. M.** (2013). Drug self-administration paradigms: Methods for quantifying motivation in experimental research. In J. MacKillop & H. de Wit (Eds.), *The Wiley-Blackwell handbook of addiction psychopharmacology*. (pp. 315-344). Oxford, UK: Wiley-Blackwell, Inc.
2. MacKillop, J., Amlung, M. T., **Murphy, C. M.**, Acker, J. & Ray, L. A. (2013). A behavioral economic approach to health behavior. In R. J. DiClemente, L. F. Salazar, & R. A. Crosby (Eds.), *Health behavior theory for public health* (pp. 131-162). Burlington, MA: Jones & Bartlett Learning, LLC.
3. **Murphy, C. M.** & MacKillop, J. (2019). Food addiction and self-regulation. In P. Cottone, V. Sabino, C. F. Moore, & G. F. Koob (Eds.), *Compulsive eating behavior and food addiction: Emerging pathological constructs* (pp. 193-216). London, UK: Academic Press.

## **INVITED PRESENTATIONS**

### **NATIONAL**

1. **Murphy, C. M.**, (2018, September). Tobacco use and obesity: Understanding co-occurrence and developing interventions to reduce risk & progression. Grand Rounds, Center for Addiction Medicine, Massachusetts General Hospital, Boston, MA.

## **OTHER PRESENTATIONS**

### **NATIONAL**

1. **Murphy, C. M.**, & Anderson-Hanley, C. (2007, May). College student alcohol use: The role of self-monitoring and impact on neuropsychological function. Oral presentation at 17<sup>th</sup> Annual Steinmetz Symposium, Schenectady, NY.
2. **Murphy, C. M.**, McCarley, R., Voglmaier, M., Niznikiewicz, M., Shenton, M., Seidman, L., ... Dickey, C. (2008, April). Deficits in emotional processing and social functioning in males with Schizotypal Personality Disorder. Poster presentation at National VA Research Week, Department of Veterans Affairs, West Roxbury, MA.
3. **Murphy, C. M.**, McCarley, R., Voglmaier, M., Niznikiewicz, M., Shenton, M., Seidman, L., ... Dickey, C. (2008, April). Deficits in emotional processing and social functioning in males with Schizotypal Personality Disorder. Poster presentation at Mysell Lecture and Harvard Psychiatry Research Day, Boston, MA.
4. Dickey, C. C., Niznikiewicz, M., Voglmaier, M., Shenton, M., Seidman, L., Chakerian, J., Zacks, R., **Murphy, C. M.**, & McCarley, R. (2008, May). Pars opercularis and verbal fluency in Schizotypal Personality Disorder. Poster presentation at 63<sup>rd</sup> Annual Scientific Convention and Meeting of the Society of Biological Psychiatry, Washington DC. *Biological Psychiatry*, 63(7), 141s. doi:10.1016/j.biopsych.2008.02.011
5. **Murphy, C. M.**, McCarley, R., Panych, L., Shenton, M., Morocz, I., Niznikiewicz, M., ... Dickey, C. (2009, April). Prosody in schizophrenia spectrum disorders. Poster presentation at Mysell Lecture and Harvard Psychiatry Research Day, Boston, MA.
6. Dickey, C., Panych, L., Shenton, M., Niznikiewicz, M., Voglmaier, M., **Murphy, C. M.**, Zacks, R., Terry, D. & McCarley, R. (2009, March). Impoverished prosody production in Schizotypal Personality Disorder. Poster presentation at 12<sup>th</sup> International Congress on Schizophrenia Research, San Diego, CA. *Schizophrenia Bulletin*, 35 (suppl 1), 240. doi:10.1093/schbul/sbn173

7. MacKillop, J., Pryor, L., Amlung, M., Wier, L., Murphy, J.G., Acker, J., **Murphy, C. M.**, & Chaloupka, F. (2010, February). High-resolution analysis of tobacco demand in a community sample of smokers: preliminary findings. Poster presentation at 16<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Baltimore, MD.
8. **Murphy, C. M.**, & MacKillop, J. (2010, June). Psychometric validation of the Alcohol Dependence Scale (ADS) in a heavy drinking collegiate sample. Poster presentation at 33<sup>rd</sup> Annual Scientific Meeting of the Research Society on Alcoholism, San Antonio, TX. *Alcoholism: Experimental and Clinical Research*, 34 (S2), 224A. doi:10.1111/j.1530-0277.2010.01210.x
9. **Murphy, C. M.**, & MacKillop, J. (2010, November). Psychometric validation of the Alcohol Dependence Scale (ADS) in a heavy drinking collegiate sample. Poster presentation at 44<sup>th</sup> Annual Association for Behavioral and Cognitive Therapies Convention, San Francisco, CA.
10. MacKillop, J., Few, L. R., Acker, J., **Murphy, C. M.**, Wier, L., Amlung, M., Murphy, J. G., & Chaloupka, F. (2011, March). Informing public policy via behavioral economics: High-resolution cigarette demand curve analysis in adult smokers. Poster presentation at Progress in Behavioral Economics: From Demand Curves to Public Policy, Association for Behavior Analysis International Conference, Chicago IL.
11. Few, L. R., Acker, J., **Murphy, C. M.**, & MacKillop, J. (2011, March). Short-term test-retest reliability of cigarette and alcohol purchase tasks: An initial investigation. Poster presentation at Progress in Behavioral Economics: From Demand Curves to Public Policy, Association for Behavior Analysis International Conference, Chicago IL.
12. Stojek, M. S., **Murphy, C. M.**, & MacKillop, J. (2011, March). Delay discounting, obesity, and binge eating: preliminary findings. Poster presentation at Progress in Behavioral Economics: From Demand Curves to Public Policy, Association for Behavior Analysis International, Conference, Chicago IL.
13. **Murphy, C. M.**, & MacKillop, J. (2011, March). Delay discounting and nicotine dependence in a large community sample. Poster presentation at Progress in Behavioral Economics: From Demand Curves to Public Policy, Association for Behavior Analysis International Conference, Chicago, IL.
14. Few, L. R., Acker, J., **Murphy, C. M.**, & MacKillop, J. (2011, June). Short-term test-retest reliability of alcohol and cigarette purchase tasks. Poster presentation at 34<sup>th</sup> Annual Meeting of the Research Society on Alcoholism, Atlanta, GA. *Alcoholism: Experimental and Clinical Research*, 35 (S2), 163A. doi:10.1111/j.1530-0277.2011.01497.x
15. **Murphy, C. M.**, MacKillop, J., Miranda, R., Meehan, J., Swift, R. W., & Monti, P. M. (2011, June). A dose-based meta-analysis of topiramate's effects on alcohol consumption and heavy drinking. Poster presentation at 34<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, Atlanta, GA. *Alcoholism: Experimental and Clinical Research*, 35 (S1), 21A. doi:10.1111/j.1530-0277.2011.01497.x
16. Rothbaum, A. O., **Murphy, C. M.**, & MacKillop, J. (2012, March). Using the Penn Alcohol Craving Scale to supplement the DSM-IV diagnosis of Alcohol Use Disorders. Poster presentation at the University of Georgia 35<sup>th</sup> Annual Psi Chi UGA Convention of the Behavioral Sciences, Athens, GA.
17. **Murphy, C. M.**, & MacKillop, J. (2012, June). Comparison of strategies for reducing cue-elicited craving for alcohol. Poster presentation at 35<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, San Francisco, CA. *Alcoholism: Experimental and Clinical Research*, 36 (S1), 70A. doi:10.1111/j.1530-0277.2012.01803.x
18. **Murphy, C. M.**, Rothbaum, A., Stojek, M., & MacKillop, J. (2012, June). Urge distress as a dimension of craving for alcohol. Poster presentation at 35<sup>th</sup> Annual Scientific Meeting of the Research Society on

Alcoholism, San Francisco, CA. *Alcoholism: Experimental and Clinical Research*, 36 (S1), 240A.  
doi:10.1111/j.1530-0277.2012.01803.x

19. MacKillop, J., Few, L. R., Malutinok, S., **Murphy, C. M.**, Stojek, M. K., Johnson, F. T., Hofmann, S. G., McGeary, J. E., Swift, R. M., & Monti, P. M. (2012, June). D-cycloserine and extinction to alcohol cues in treatment-seeking AUD+ adults: Preliminary findings. Poster presentation at 35<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, San Francisco, CA. *Alcoholism: Experimental and Clinical Research*, 36 (S1), 297A. doi:10.1111/j.1530-0277.2012.01803.x
20. Few, L. R., Malutinok, S., **Murphy, C. M.**, Stojek, M. K., Johnson, F., Hofmann, S., McGeary, J. E., Swift, R., Monti, P. M., & MacKillop, J. (2012, June). Tolerability of d-cycloserine in treatment-seeking AUD+ adults: Preliminary findings. Poster presentation at 35<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, San Francisco, CA. *Alcoholism: Experimental and Clinical Research*, 36 (S1), 297A. doi:10.1111/j.1530-0277.2012.01803.x
21. **Murphy, C. M.**, & MacKillop, J. (2013, May). Smoking, obesity, and preventable disease, death, and disability. Poster presentation at 1<sup>st</sup> Annual Collaborative Perspectives on Addiction Conference of the American Psychological Association Society of Addiction Psychology and Division of Psychopharmacology and Substance Abuse Division, Atlanta, GA.
22. Stojek, M., **Murphy, C. M.**, Few, L. R., & MacKillop, J. (2013, June). Behavioral economic and trait-based predictors of treatment response in AUD+ individuals. Poster presentation and symposium at 36<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, Orlando, FL. *Alcoholism: Experimental and Clinical Research*, 37 (S2), 83A. doi:10.1111/acer.12162
23. **Murphy, C. M.**, Few, L. R., Stojek, M., & MacKillop, J. (2013, June). Moderators of cue reactivity for alcohol in a treatment seeking sample. Poster presentation at 36<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism, Orlando, FL. *Alcoholism: Experimental and Clinical Research*, 37 (S2), 42A. doi:10.1111/acer.12162
24. **Murphy, C. M.**, & MacKillop, J. (2013, November). Smoking, obesity, and preventable disease, death, and disability. Poster presentation at 47<sup>th</sup> Annual Association for Behavioral and Cognitive Therapies Convention, Nashville, TN.
25. MacKillop, J., **Murphy, C. M.**, Gray, J., Acker, J., Schwarz, N., Hawkshead, B., Liebel, S., Owens, M., & Sweet, L. (2014, March). Functional MRI Biomarkers as translational predictors of smoking cessation treatment response. Poster presentation at 2<sup>nd</sup> Annual Collaborative Perspectives on Addiction Conference of the American Psychological Association Society of Addiction Psychology, Atlanta, GA.
26. Martin, R., **Murphy, C.M.**, Murphy, J., & Rohsenow, D. (2014, October) Alternative reinforcement from substance-free activities: Analysis of risk and protective factors in an alcohol treatment sample. Poster presentation at 2<sup>nd</sup> Annual Conference of the Vermont Center on Behavior and Health: Behavior Change, Health, and Health Disparities, Burlington, VT.
27. **Murphy, C.M.**, MacKillop, J., Martin, R., Tidey, J., Colby, S., & Rohsenow, D. (2014, October). Cigarette Purchase Task as predictor of response to contingent vouchers for smoking abstinence among smokers with Substance Use Disorders. Poster presentation at 2<sup>nd</sup> Annual Conference of the Vermont Center on Behavior and Health: Behavior Change, Health, and Health Disparities, Burlington, VT.
28. Hawkshead, B., Owens, M., **Murphy, C.**, Gray, J., MacKillop, J., Sweet, L. (2015, February). Neurocognitive markers of smoking cessation treatment outcome. Poster presentation at 21<sup>st</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Philadelphia, PA.

29. **Murphy, C.M.**, MacKillop, J., Martin, R., Tidey, J., Colby, S., & Rohsenow, D. (2015, March). Cigarette Purchase Task as predictor of response to contingent vouchers for smoking abstinence among smokers with Substance Use Disorders. Poster presentation at 2<sup>nd</sup> Annual Brown University Institute for Brain Science and Department of Psychiatry and Human Behavior Mind Brain Research Day, Providence, RI.
30. Owens, M.M., **Murphy, C.M.**, MacKillop, J. (2015, March). Initial development of a brief behavioral economic assessment of acute motivation for alcohol. Poster presentation at 3<sup>rd</sup> Annual Collaborative Perspectives on Addiction Conference of the American Psychological Association Society of Addiction Psychology, Baltimore, MD.
31. **Murphy, C. M.**, MacKillop, J., Owens, M., & Sweet, L. (2016, March). The substitutability of cigarettes and food: A behavioral economic approach. Poster presentation at 4<sup>th</sup> Collaborative Perspectives on Addiction Conference of the American Psychological Association Society of Addiction Psychology, San Diego, CA.
32. Rohsenow, D., Martin, R., & **Murphy, C.M.** (2016, March). Smoking effect expectancies predict smoking during treatment for smokers with Substance Use Disorders. Poster presentation at 22<sup>nd</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Chicago, IL.
33. Jackson, K. J., **Murphy, C. M.**, Lechner, W. V., Colby, S. M., & Rogers, M. L. (2016, March). Adolescent use of e-cigarettes vs. cigarettes: The role of smoking susceptibility. Poster presentation at 22<sup>nd</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Chicago, IL.
34. Gray, J., MacKillop, M., Owens, M. O., Hawkshead, B., **Murphy, C. M.**, Sweet, L. (2017, March). Brain reactivity on a delayed reward discounting task predicts smoking cessation treatment response. Poster presentation at Poster presentation at 4<sup>th</sup> Annual Brown University Institute for Brain Science and Department of Psychiatry and Human Behavior Mind Brain Research Day, Providence, RI.
35. Petker, T., **Murphy, C. M.**, Morris, V., Amlung, M. T., MacKillop, J. (2017, June). Evidence of dynamic cue-elicited increases in the value of alcohol in treatment-seeking individuals with Alcohol Use Disorder. Poster presentation at 40th Annual Scientific Meeting of the Research Society on Alcoholism, Denver, CO. *Alcoholism: Experimental and Clinical Research*, 41(S1), 2383A. doi: 10.1111/acer.13391
36. **Murphy, C. M.**, MacKillop, J., Martin, R. A., Tidey, J. W., Cassidy, R. & Rohsenow, D. J. (2017, October). Brief assessment of cigarette demand (BACD): Initial development and validation results. Poster presentation at 5<sup>th</sup> Annual Conference of the Vermont Center on Behavior and Health: Tobacco Regulatory Science, Burlington, VT.
37. **Murphy, C. M.**, Johnson, K., Wing, R. R., & Rohsenow, D. J. (2018, February). Smoking and weight loss among overweight and obese smokers in Look AHEAD. Poster presentation at 24<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Baltimore, MD.
38. **Murphy, C. M.**, Becker, S. J., Martin, R. A., & Squires, D. D. (2018, October). Opioid treatment provider characteristics associated with perceived attributes of contingency management treatment and organizational readiness to change. Poster presentation at 6<sup>th</sup> Annual Conference of the Vermont Center on Behavior and Health: The US Opioid Epidemic: The Need for Innovation and Greater Treatment Capacity, Burlington, VT.
39. **Murphy, C. M.**, Micalizzi, L., Borrelli, B., & Risica, P. M. (2019, April). Motivational interviewing to increase postpartum maintenance of abstinence from tobacco. Poster presentation at 7<sup>th</sup> Annual Collaborative Perspectives on Addiction Conference of the American Psychological Association Society of Addiction Psychology, Providence, RI.



40. Fuentes Berrios, D., Moul, S., Yap, K., **Murphy, C. M.**, Dickerson, M., Becker, S. (2019, July). The influence of opioid treatment provider attitudes on skill and knowledge after contingency management training. Poster presentation at the Leadership Alliance National Symposium, Hartford, CT.
41. **Murphy, C. M.**, Martin, R. A., & Rohsenow, D. J. (2019, October). The effect of smoking very low nicotine content cigarettes on appetite, food preference, and weight. Poster presentation at 7<sup>th</sup> Annual Conference of the Vermont Center on Behavior and Health: Complementary Contributions of Tobacco Control and Regulatory Science Research to Protecting the Public Health, Burlington, VT.
42. Becker, S. J., Scott, K., **Murphy, C. M.**, Pielech, M., Moul, S., Yap, K., Garner, B. (2019, October). User-centered design of contingency management for implementation in opioid treatment programs. Presentation at Addiction Health Services Research Conference, Park City, UT.
43. Scott, K., **Murphy, C. M.**, Pielech, M., Moul, S., Yap, K., Garner, B., & Becker, S. J. (2019, December). Contingency management training and supervision preferences in community opioid treatment programs: A qualitative study. Poster presentation at the 12th Annual Conference on the Science of Dissemination and Implementation, Arlington, VA.

## INTERNATIONAL

1. MacKillop, J., Brown, C. L., **Murphy, C. M.**, & Stojek, M. (2011, February). Behavioral economic analysis of craving for tobacco: Effects of cues, withdrawal, and hypothetical outcomes. Oral presentation at 17<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Toronto, Canada.
2. MacKillop, J., **Murphy, C. M.**, Few, L. R., Stojek, M. K., Malutinok, S., Hofmann, S., Swift, R., McGeary, J. E., Miranda, R., & Monti, P. M. (2012, September). Innovations in human laboratory models: incorporating extinction and behavioral economic paradigms. Symposium presentation at 16<sup>th</sup> Annual Congress of International Society for Biomedical Research on Alcoholism, Sapporo, Japan. *Alcoholism: Experimental and Clinical Research*, 36 (S2), 39A. doi:10.1111/j.1530-0277.2012.01917.x
3. Gray, J.C., Sweet, L.H., Owens, M., **Murphy, C.**, MacKillop, J. (2015, August). Smoking cessation treatment response and brain reactivity on a delayed reward discounting task. Poster presentation at 123<sup>rd</sup> Annual Convention of the American Psychological Association, Toronto, Canada.
4. **Murphy, C. M.**, MacKillop, J., Martin, R. M., Tidey, J., Colby, S., Rohsenow, D. J. (2017, March). Varenicline versus placebo effects on demand for cigarettes among smokers with Substance Use Disorders. Poster presentation at 23<sup>rd</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Florence, Italy.
5. Gray, J., MacKillop, M., Owens, M. O., Hawkshead, B., **Murphy, C. M.**, Sweet, L. (2017, March). Brain reactivity on a delayed reward discounting task predicts smoking cessation treatment response. Poster presentation at 23<sup>rd</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco Conference, Florence, Italy.

## GRANTS

### CURRENT

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|----|---|--|---|
| 1. | K23 DA045078-01A1<br>(PI: Murphy)<br>A Multiple Health Behavior Change Intervention for Overweight and Obese Smokers. | National Institute on Drug Abuse<br>Role: Principal Investigator | 02/01/2019 – 01/31/2024<br>\$903,500 Total Direct Costs |
|----|---|--|---|

This proposal aims to provide the candidate training in treatment development, in conducting randomized clinical trials, and in qualitative science and advanced statistical data analysis while piloting a multiple health behavior change intervention for cigarette smokers with comorbid overweight and obesity.

2. R01DA046941-01                      National Institute on Drug Abuse                      09/15/2018 – 07/31/2023  
 (PI: Becker & Garner)                      Role: Co-Investigator                      \$3,757,910 Total Costs  
 Implementing Contingency Management in Opioid Treatment Centers across New England.  
 This type 3 hybrid cluster randomized trial evaluates a theory-driven implementation strategy relative to the standard implementation strategy used by the Addiction Technology Transfer Center as a means of promoting the uptake of contingency management in comprehensive opioid treatment centers.

### COMPLETED

1. Research Excellence                      Center for Alcohol and Addiction Studies,                      8/31/2016 – 8/30/2017  
 Award (PI: Murphy)                      Brown University; Role: Principal Investigator                      \$3,969 Total Costs  
 Weight Gain Prevention in Advance of Smoking Treatment for Overweight or Obese Smokers: A Pilot Study.  
 This project aims to determine the feasibility and acceptability of a multiple health behavior change intervention focused on weight gain prevention and smoking cessation.

### TEACHING

#### TEACHING CERTIFICATES & COURSEWORK

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|-----------|--|
| Fall 2009 | <i>Seminar for Graduate Teaching Assistants</i><br>The Center for Teaching and Learning, University of Georgia |
| Fall 2016 | <i>Sheridan Teaching Certificate I</i><br>The Sheridan Center for Teaching and Learning, Brown University      |

#### COURSES TAUGHT

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|-------------|---|
| Fall 2012   | <i>Special Topics in Psychology: Addiction</i><br>Instructor – undergraduate course (enrollment = 36)<br>University of Georgia  |
| Summer 2016 | <i>Psychology and Health: Emotions, Behaviors, and Disease</i><br>Co-Instructor – pre-college summer program course (enrollment = 34)<br>Brown University                             |
| Summer 2017 | <i>Psychology and Health: Emotions, Behaviors, and Disease</i><br>Co-Instructor – pre-college summer program course (enrollment = 20)<br>Pre-College Summer Program, Brown University |
| Summer 2019 | <i>Psychology of Willpower and Motivation</i><br>Instructor – pre-college summer program course (enrollment = 16)<br>Pre-College Summer Program, Brown University                     |

#### GUEST LECTURES

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|----------|---|
| Oct 2009 | <i>Alcohol</i><br>Special Topics in Psychology: Addiction undergraduate course<br>University of Georgia |
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| Oct 2010  | <i>Treatment of Alcohol Use Disorders</i><br>Special Topics in Psychology: Addiction undergraduate course<br>University of Georgia                  |
| Feb 2012  | <i>Mood Disorders and Suicide</i><br>Abnormal Psychology undergraduate course<br>University of Georgia  |
| June 2017 | <i>Suicide and Non-Suicidal Self Injury</i><br>Understanding and Addressing Adolescent Health pre-college summer program course<br>Brown University |
| Nov 2019  | <i>Obesity and Cigarette/E-cigarette Use</i><br>Etiology of Substance Use Disorders graduate course<br>Brown University                             |

#### OTHER TEACHING, MENTORING, AND SUPERVISORY ROLES

|             |   |
|-------------|---|
| Fall 2011   | <i>Special Topics in Psychology: Addiction</i><br>Teaching Assistant – undergraduate course (enrollment = 93)<br>University of Georgia                          |
| 2011-2013   | <i>Experimental and Clinical Psychopharmacology Lab</i><br>Research supervision of undergraduate student<br>University of Georgia                               |
| Spring 2012 | <i>Abnormal Psychology</i><br>Teaching Assistant – undergraduate course (enrollment = 283)<br>University of Georgia   |
| 2012-2013   | <i>Smoking Cessation and Addictive Behavior Practicum Team</i><br>Clinical supervision of graduate student<br>University of Georgia                             |
| 2012-2014   | <i>Clinical Psychology Peer Mentoring Program</i><br>Peer mentoring of graduate student<br>University of Georgia  |
| 2017-2018   | <i>Center for Weight and Wellness</i><br>Clinical consultation, teaching, and supervision provided to master's-level clinicians<br>The Miriam Hospital          |
| 2018-2019   | <i>Diversity Mentoring Program</i><br>Individual research, clinical, and professional development mentoring of clinical psychology resident<br>Brown University |