

CURRICULUM VITAE
James MacKillop, PhD

PROFESSIONAL INFORMATION

Contact Information:
Department of Psychology
University of Georgia
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Citizenship: United States; United Kingdom
Licensure: Licensed psychologist, GA #3353

EDUCATION

Undergraduate: Bachelor of Arts, Psychology and Philosophy, 1997
State University of New York at Binghamton

Graduate: Master of Arts, Clinical Psychology (APA-accredited), 2002
State University of New York at Binghamton

Predoctoral Clinical Internship (APA-accredited), 2005
Brown University Psychology Training Consortium/Center for Alcohol and Addiction
Studies, Brown University

Doctor of Philosophy, Clinical Psychology (APA-accredited), 2005
State University of New York at Binghamton

Fellowship: Postdoctoral Fellow, 2006
NIAAA T32 Alcohol Intervention/Treatment Outcome Research Training Program
Center for Alcohol and Addiction Studies, Brown University

FACULTY APPOINTMENTS

2006 - Assistant Professor (Research)/Research Associate
2008 Center for Alcohol and Addiction Studies
Department of Community Health, Brown University

2008- Adjunct Assistant Professor
Present Center for Alcohol and Addiction Studies
Department of Community Health, Brown University

2008- Assistant Professor
Present Department of Psychology, University of Georgia

2010- Associate Director, Institute for Behavioral Research
Present University of Georgia

Additional University of Georgia Affiliations: Head, Behavioral Economics and Neuroeconomics
Workgroup, Institute for Behavioral Research; Affiliate, Center for Contextual Genetics and Prevention
Science; Affiliate, National Treatment Center Study/Center for Research on Behavioral Health & Human
Services Delivery

HONORS AND AWARDS

- 1999-2004 Tuition Fellowship, State University of New York at Binghamton
- 2002 Graduate Student Award for Excellence in Teaching (university-wide), State University of New York at Binghamton
- 2003 Research Society on Alcoholism Student Merit Award, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
- 2004 Virginia A. Roswell Dissertation Award, Association for the Advancement of Behavior Therapy (Association for the Advancement of Behavioral and Cognitive Therapies)
- 2004 Research Society on Alcoholism Student Merit Award, NIAAA
- 2005 Research Society on Alcoholism Student Merit Award, NIAAA
- 2006 Guze Symposium on Alcoholism Awardee, Midwest Alcoholism Research Center
- 2006 Research Society on Alcoholism Junior Investigator Travel Award, NIAAA
- 2007 Early Career Investigator Award, College on Problems of Drug Dependence
- 2009 Fellow, National Institutes of Health (NIH) Office of Behavioral and Social Science Research (OBSSR) Summer Institute on Design and Conduct of Randomized Clinical Trials involving Behavioral Interventions
- 2009 Advancement of the Clinical Psychology Program Award, Department of Psychology, University of Georgia
- 2010 NIAAA Travel Award, Annual meeting of the International Society for Biomedical Research on Alcoholism (Paris, France)

MEMBERSHIP IN SOCIETIES

Research Society on Alcoholism

International Society for Biomedical Research on Alcohol

American Psychological Association (Division 28: Psychopharmacology; Division 50: Addictions)

American Psychological Society

Association for Behavioral and Cognitive Therapies

Society for Research on Nicotine and Tobacco

Society for Neuroeconomics

EDITORIAL ROLES

Peer-reviewed Scientific Journals

Associate Editor, *Nicotine and Tobacco Research*

Review Editor, *Frontiers in Addictive Disorders*

Ad Hoc Reviewer

Addiction; Addiction Biology; Addiction Research & Theory; Alcoholism: Clinical and Experimental Research; Basic and Clinical Psychopharmacology and Toxicology; Behavior Research and Therapy; Brain Research; Clinical Medicine: Case Reports; Clinical Practice and Epidemiology in Mental Health; Cognitive Behaviour Therapy; Current Pharmaceutical Design; Experimental and Clinical Psychopharmacology; Frontiers in Addictive Disorders; Journal of Adolescence; Journal of Consulting and Clinical Psychology; Journal of Gambling Studies; Journal of Personality; Journal of Psychopathology and Behavioral Assessment; Journal of Psychopharmacology; Journal of Studies on Alcohol and Drugs; Journal of Experimental and Clinical Neuropsychology; Nicotine and Tobacco Research; Open Psychology Journal; Psychological Medicine; Psychological Science; Psychiatry Research; Psychology and Health; Psychology of Addictive Behaviors; Psychopharmacology (Berl.), Value in Health

Books

World Scientific Publishing

Conference Program Committees/Chair

Abstract Reviewer, Annual meeting of Society for Nicotine and Tobacco Research, 2009

Program Chair, Annual meeting of the American Psychological Association, Division 50 (Addictions), 2011/2012

Research Grants

Robert Wood Johnson Foundation – Substance Abuse Policy Research Program

Economic and Social Research Council (United Kingdom)

Intramural War Supplemental Program, United States Army

Peer Reviewed Medical Research Program, United States Army Medical Research and Materiel Command, Department of Defense:

Member, Drug Abuse Study Section, 2008

Chairperson, Drug Abuse A Study Section, 2010

PUBLICATIONS (N = 60, excluding published abstracts)Original Publications in Peer-reviewed Journals

1. Lynn, S. J., Meyer, E.C. & **MacKillop, J.** (2000). Systematic investigation of negative effects of stage, research and clinical hypnosis. *Contemporary Hypnosis*, 17, 127-131.
2. **MacKillop, J.**, Lynn, S.J., & Meyer, E. (2004). The impact of stage hypnosis on participants and audience members. *International Journal of Clinical and Experimental Hypnosis*, 52, 313-329.
3. **MacKillop, J.** & Lisman, S.A. (2005). Reactivity to alcohol cues: Isolating the role of perceived availability. *Experimental and Clinical Psychopharmacology*, 13, 229-237.
4. **MacKillop, J.**, Lisman, S.A., & Ryabchenko, K.A. (2006). Life Skills Training and potential mechanisms in a community implementation: A preliminary investigation. *Substance Use and Misuse*, 41, 1921-1935.
5. **MacKillop, J.**, Anderson, E.J., Castelda, B., Mattson, R., & Donovan, P. (2006). Convergent validation of cognitive and behavioral assessment measures in pathological gamblers. *Psychology of Addictive Behaviors*, 20, 75-79.
6. **MacKillop, J.** (2006). Factor structure of the Alcohol Urge Questionnaire (AUQ) under neutral conditions and during a cue-elicited urge state. *Alcoholism: Clinical and Experimental Research*, 30, 1315-1321.
7. **MacKillop, J.**, Lisman, S.A. & Weinstein, A. (2006). Psychometric validation of the Temptation and Restraint Inventory in two samples of drinkers. *Journal of Psychopathology and Behavioral Assessment*, 28, 156-162.
8. Murphy, J.G. & **MacKillop, J.** (2006) Relative reinforcing efficacy of alcohol among college student drinkers. *Experimental and Clinical Psychopharmacology*, 14, 219-227.
9. **MacKillop, J.**, Anderson, E.J., Castelda, B.A., Mattson, R.E., & Donovan, P.J. (2006). Divergent validity of self-report and behavioral assessment measures in pathological gamblers. *Journal of Gambling Studies*, 22, 339-354.
10. Eisenberg¹, D.T.A., **MacKillop, J.**, Modi, M., Beauchemin, J., Dang, D., Lum, J.K., Lisman, S.A., & Wilson, D.S. (2007). Examining impulsivity as an endophenotype using a behavioral approach: A DRD2 TaqI A and DRD4 48-bp VNTR Association Study. *Behavioral and Brain Functions*, 3, doi: 10.1186/1744-9081-3-2.
11. Castelda, B.A., Mattson, R.E., **MacKillop, J.**, Anderson, E.J., & Donovan, P.J. (2007). Psychometric validation of the Gambling Passion Scale (GPS) in an English-speaking college sample. *International Gambling Studies*, 7, 173-182.
12. **MacKillop, J.** & Murphy, J.G. (2007). A behavioral economic measure of demand for alcohol predicts brief intervention outcomes. *Drug and Alcohol Dependence*, 89, 223-233.

¹ The first and second authors contributed equally to this publication.

13. **MacKillop, J.**, Menges, D. P., McGeary, J.E., & Lisman, S.A. (2007). Influences of craving and DRD4 VNTR genotype on the relative value of alcohol. *Behavioral and Brain Functions*, 3, doi: 10.1186/1744-9081-3-11.
14. **MacKillop, J.** & Lisman, S.A. (2007). Reactivity to alcohol cues: Refining the role of availability. *Addiction Research and Theory*, 15, 231-245. [Accompanying editorial: Peele, S. (2007). The bizarre effort to eliminate underage drinking in the United States: A harm reduction approach to youthful drinking. *Addiction Research & Theory*, 15, 227-229.]
15. Ray, L. A., **MacKillop, J.**, & Hutchison, K.E. (2007). Pharmacogenetics of the μ -opioid receptor and the treatment of addictions. *Personalized Medicine*, 4, 217-220.
16. Eisenberg, D.T.A., Campbell, B., **MacKillop, J.**, Modi, M., Lum, J.K., & Wilson, D.S. (2007). Polymorphisms in the dopamine D₂ and D₄ receptor genes and reproductive, sexual, and life history behaviors. *Evolutionary Psychology*, 5, 696-715.
17. **MacKillop, J.**, Mattson, R.E., Anderson, E.J., Castelda, B.A., & Donovan, P.J. (2007). Multidimensional assessment of impulsivity in undergraduate hazardous drinkers and controls. *Journal of Studies on Alcohol and Drugs*, 68, 785-788.
18. **MacKillop, J.** & Anderson, E.J. (2007). Further psychometric validation of the Mindful Attention and Awareness Scale. *Journal of Psychopathology and Behavioral Assessment*, 29, 289-293.
19. David, S.P., Munafò, M.R., Johansen-Berg, H., **MacKillop, J.**, Sweet, L., Cohen, R.A., Niaura, R., Rogers, R., Matthews, P. & Walton, R.T. (2007). Effects of abstinence on cue-elicited nucleus accumbens activation in female cigarette smokers: An fMRI study. *Brain Imaging and Behavior*, 1, 43-57.
20. Eisenberg, D.T.A., Campbell, B., **MacKillop, J.**, Modi, M., Beauchemin, J, Dang, D., Lisman, S.A., Lum, J.K., & Wilson, D.S. (2007). Season of birth and dopamine receptor associations with impulsivity, sensation seeking, and reproductive behaviors. *PLoS ONE*, 2, doi: 10.1371/journal.pone.0001216.
21. **MacKillop, J.**, Murphy, J.G., Ray, L.A., Eisenberg, D.T.A., Lisman, S.A., Lum, J.K., & Wilson, D.S. (2008). Further validation of the cigarette purchase task for assessing the relative reinforcing efficacy of nicotine in smokers. *Experimental and Clinical Psychopharmacology*, 16, 57-65.
22. Tidey, J.W., Monti, P.M., Rohsenow, D.J., Gwaltney, G.J., Miranda, Jr., R., McGeary, J.E., **MacKillop, J.**, Swift, R.M., Abrams, D.B., Shiffman, S., & Paty, J.A. (2008). Moderators of naltrexone's effects on drinking, urge and alcohol effects in the natural environment. *Alcoholism: Clinical and Experimental Research*, 32, 58-66.
23. Hitsman, B., **MacKillop, J.**, Lingford-Hughes, A., Williams, T., Ahmad, F., Adams, F., Nutt, D.J., & Munafò, M.R. (2008). Effects of acute tyrosine/ phenylalanine depletion on the selective processing of smoking-related cues and the relative value of cigarettes in smokers. *Psychopharmacology (Berl.)*, 196, 611-621.
24. Miranda, R.M., **MacKillop, J.**, Monti, P.M., Swift, R., Rohsenow, D.J., Ray, L.E., Gwaltney, C., & Tidey, J.W. (2008). Effects of topiramate on drinking, reactions to alcohol cues, and alcohol consumption. *Alcoholism: Clinical and Experimental Research*, 38, 489-497.

25. Mattson, R.E., **MacKillop, J.**, Castelda, B.A., Anderson, E.J., & Donovan, P. (2008). Factor structure of the Gambler's Beliefs Questionnaire (GBQ) in an undergraduate gambling sample. *Journal of Psychopathology and Behavioral Assessment*, *30*, 229-234.
26. Ray, L.A., Hutchison, K.E., **MacKillop, J.**, Miranda Jr., R., Audette, A., Monti, P.M. & Swift, R.M. (2008). Effects of naltrexone during the descending limb of the blood alcohol curve. *American Journal on Addictions*, *17*, 257-264.
27. **MacKillop, J.** & Lisman, S.A. (2008). Effects of a context shift and multiple context extinction on reactivity to alcohol cues. *Experimental and Clinical Psychopharmacology*, *16*, 322-331.
28. Ray, L.A., Bryan, A., **MacKillop, J.**, McGeary, J.E., Hesterberg, K., & Hutchison, K.E. (2008). The dopamine D4 (DRD4) gene exon III polymorphism, alcohol use, and novelty seeking: Direct and mediated models of genetic effects. *Addiction Biology*, *14*, 238-244.
29. Ray, L.A., **MacKillop, J.**, Leggio, L., Morgan, M. A & Hutchison, K.E. (2009). Effects of naltrexone on cortisol levels in heavy drinkers. *Pharmacology, Biochemistry, and Behavior*, *91*, 489-494.
30. **MacKillop, J.**, Murphy, J.G., Tidey, J.W., Kahler, C.W., Ray, L.A., & Bickel, W.K. (2009). Latent structure of facets of alcohol reinforcement from a behavioral economic demand curve. *Psychopharmacology (Berl.)*, *203*, 33-40.
31. Ray, L.A., Miranda, R., **MacKillop, J.**, McGeary, J.E., Tidey, J., Rohsenow, D.J., Gwaltney, C., Swift, R., Monti, P.M. (2009). Pharmacogenetics of topiramate: A preliminary investigation of adverse events in heavy drinkers. *Experimental and Clinical Psychopharmacology*, *17*, 122-129.
32. Miranda, R.M., **MacKillop, J.**, Justus, A., Myerson, L., & Lovallo, W. (2009). Iowa Gambling Task performance in alcoholics with and without antisocial personality disorder. *Alcoholism: Clinical & Experimental Research*, *33*, 817-825.
33. Brown University Center for Alcohol and Addiction Studies Postdoctoral Fellows (2009). Alcohol Education Inventory – Revised: What Every Mental Health Professional Should Know About Alcohol. *Journal of Substance Abuse Treatment*, *37*, 41–53.
34. **MacKillop, J.** & Kahler, C.W. (2009). Delayed reward discounting predicts smoking cessation treatment outcome in heavy drinkers. *Drug and Alcohol Dependence*, *104*, 197-203.
35. Murphy, J.G., **MacKillop, J.**, Pederson, A. A. & Skidmore, J.R. (2009). Reliability and validity of demand curve measures of alcohol reinforcement. *Experimental and Clinical Psychopharmacology*, *17*, 396-404.
36. Ray, L.A., **MacKillop, J.**, Leventhal, A., Hutchison, K.E. (2009). Catching the alcohol buzz: A test of the latent factor structure of subjective intoxication. *Alcoholism: Clinical and Experimental Research*, *33*, 2154-2161.
37. **MacKillop, J.**, Miranda, Jr., R., Monti, P.M., Ray, L.A., Tidey, J.W., Rohsenow, D.J., Gwaltney, G.J., McGeary, J.E., & Swift, R.M. (2010). Alcohol demand, delayed reward discounting, and craving in relation to drinking and alcohol use disorders. *Journal of Abnormal Psychology*, *119*, 106-14.

38. Ray, L.A., Miranda, R.M., Tidey, J.W., McGeary, J.E., **MacKillop, J.**, Gwaltney, C.J., Rohsenow, D.J., Swift, R.M., & Monti, P.M. (2010). Polymorphisms of the μ -opioid receptor (OPRM1) and dopamine D4 receptor (DRD4) genes and subjective responses to alcohol in the natural environment. *Journal of Abnormal Psychology, 119*, 115-125.
39. Ray, L. A., **MacKillop, J.**, Hutchison, K.E., & Monti, P.M. (2010). Subjective responses to alcohol as endophenotypes: Advancing behavioral genetics in etiological and treatment models of alcoholism. *Substance Use and Misuse, 45*, 1742-65
40. **MacKillop, J.**, O'Hagen, S.E., Murphy, J.G., McGeary, J.E., Ray, L.A., Tidey, J.W., Monti, P.M., & Lisman, S.A. (2010). Behavioral economic analysis of cue-elicited craving for alcohol. *Addiction, 105*, 1599-1607.
41. Garcia, J.R., **MacKillop, J.**, Aller, E.L., Merriweather, A.M., Wilson, D.S.W., & Lum, J.K. (2010). Infidelity and sexual promiscuity associated with dopamine D4 receptor gene variation. *PLoS ONE, 5*(11): e14162. doi:10.1371/journal.pone.0014162
42. Murphy, J.G., **MacKillop, J.**, Tidey, J.W., Brazil, L. & Colby, S. (2011). Validity of a demand curve measure of nicotine reinforcement with adolescent smokers. *Drug and Alcohol Dependence, 113*, 207-214.
43. **MacKillop, J.** & Tidey, J.W. (in press). Cigarette demand and delayed reward discounting in nicotine dependent individuals with schizophrenia and controls. *Psychopharmacology*
44. Howland, J., Rohsenow, D.J., Calise, T.V., **MacKillop, J.**, & Metrik, J. (in press). Caffeinated alcoholic beverages: An emerging public health problem. *American Journal of Preventive Medicine.*

Chapters in Edited Volumes

1. **MacKillop, J.**, Lisman, S.A., Weinstein, A., & Rosenbaum, D. (2003). Controversial treatments for alcoholism. In S. Lillienfeld, S.J. Lynn, and J. Lohr (Eds), *Science and Pseudoscience in Clinical Psychology* (pp.273-305). New York, NY: Guilford Press.
2. **MacKillop, J.** & Monti, P.M. (2007). Advances in the scientific study of craving for alcohol and tobacco: From scientific study to clinical practice. In P.M. Miller and D. J. Kavanagh (Eds.) *Translation of Addictions Sciences into Practice* (pp.187-207). Amsterdam, The Netherlands: Elsevier Press.
3. Monti, P.M. & **MacKillop, J.** (2007). Advances in the treatment of craving for alcohol and tobacco. In P.M. Miller and D. J. Kavanagh (Eds.) *Translation of Addictions Sciences into Practice* (pp.209-235). Amsterdam, The Netherlands: Elsevier Press.
4. **MacKillop, J.**, McGeary, J.E., Ray, L.A. (2010). Genetic influences on addiction: Alcoholism as an exemplar. In D. Ross, P. Collins, & D. Spurrett (Eds.) *What is Addiction?* (pp53-98).Cambridge, MA: MIT Press.
5. David, S.P., Sweet, L., Cohen, R., **MacKillop, J.**, Mulligan, R.C., Niaura, R. (2011). Application of functional neuroimaging methods to nicotine dependence. In R. Cohen and L. Sweet (Eds.) *Brain Imaging in Behavioral Medicine and Neuropsychology* (pp. 117-145). New York, NY: Springer.

6. Bickel, W.K., Mueller, E.T., **MacKillop, J.**, and Yi, R. (in press). Behavioral economic and neuroeconomic perspectives on addiction. In K. Sher (Ed.) *Oxford Handbook of Substance Use Disorders*. Oxford, UK: Oxford University Press.
7. Amlung, M.T. & **MacKillop, J.** (in press). Understanding Addiction via Behavioral Economics and Neuroeconomics: Insights from Delayed Reward Discounting. In *Progress in Economics Research, Vol. 21*. Nova Science Publishers: Hauppauge, NY.
8. Murphy, J.G., **MacKillop, J.**, Vuchinich, R., Tucker, J. (in press). Behavioral Economic Concepts in the Analysis of Substance Abuse. In S. Walters, J. Morgenstern, and F. Rotgers (Eds.) *Treating Substance Abuse, Theory and Technique* (3rd edition). New York: Guilford Press.
9. Bickel, W.K., Jarmolowicz, D.P., **MacKillop, J.**, Epstein, L., Carr, K., Mueller, E.T., Walz, T. (in press). The Behavioral Economics of Reinforcement Pathologies: Novel Approaches to Addictive Disorders. In: Howard J. Shaffer, Debi A. LaPlante, & Sarah E. Nelson (Eds.) *Handbook of Addictions*. American Psychological Association: Washington, DC.

Other Publications

1. **MacKillop, J.**, Ryabchenko, K., Cochran, M. & Lisman, S.A. (2001). Youth Focus Group Report. Binghamton, NY: Broome County Mental Health Department
2. Ryabchenko, K.A., **MacKillop, J.**, Cochran, M. & Lisman, S.A. (2001). Broome County Parent Perspectives. Binghamton, NY: Broome County Mental Health Department
3. Ryabchenko, K.A., **MacKillop, J.**, Calabrese, V. & Lisman, S.A. (2002). Broome County Comprehensive Risk Profile. Binghamton, NY: Broome County Mental Health Department
4. **MacKillop, J.**, Ryabchenko, K., & Lisman, S.A. (2002). Life Skills Training in Maine-Endwell and Union Endicott. Binghamton, NY: Broome County Mental Health Department
5. **MacKillop, J.** (2008). Using behavioral economics to understand alcohol and drug addiction: A précis. *The Brown University Digest of Addiction Theory & Application*, 27, 8.
6. **MacKillop, J.**, Obasi, E.M., Amlung, M.T., McGeary, J.G., & Knopik, V.S. (2010). Role of genetic factors in nicotine dependence. *Current Cardiovascular Risk Reports*, 4, 446-453.
7. **MacKillop, J.** (in press). "Animal spirits" and addictive behavior: Using behavioral economics to understand cravings for alcohol and other drugs. *The Brown University Digest of Addiction Theory & Application*.

Publications Under Review

1. Herschl, L.C., McChargue, D., **MacKillop, J.**, & Stoltenberg, S.F. *DRD2 Genotypes and Incentive-Sensitization in College Binge Drinkers*.
2. Murphy, C.M. & **MacKillop, J.** *Psychometric validation of the Alcohol Dependence Scale (ADS) in a heavy drinking college sample*.
3. **MacKillop, J.**, Howland, J., Rohsenow, D.J., Amlung, M.T., Metrik, J., Calise, T.V. *Expectancies for combinations of alcohol and caffeine in collegiate drinkers: A preliminary study*.

4. **MacKillop, J.**, Amlung, M., Pryor, L.R., Ray, L.A., Sweet, L., Munafò, M.R. *Delay reward discounting and addiction: A meta-analysis.*
5. Acker, J., Amlung, M.T., Stojek, M., Murphy, J.G., & **MacKillop, J.** *Individual differences in behavioral economic indices of the relative value of alcohol: Incremental validity in relation to impulsivity, craving, and intellectual functioning.*
6. Sheffer, S., **MacKillop, J.**, McGeary, J., Landes, R., Carter, L., Yi, R., Jones, B., Christensen, C., Stitzer, M., Jackson, L., Bickel, W.K. *Delay discounting, locus of control, and cognitive impulsivity independently predict tobacco dependence treatment outcomes in a highly dependent, lower socioeconomic group of smokers.*
7. Hofmann, S.G., Hühweler, R., **MacKillop, J.**, Kantak, K. *D-cycloserine increases craving after exposure to alcohol cues in problem drinkers.*

Published Abstracts

1. **MacKillop, J.** & Lisman, S.A. (2003). Psychometric validation of the Alcohol Urge Questionnaire (AUQ) in a heavy drinking nonclinical sample. *Alcoholism: Clinical and Experimental Research*, 27 (Suppl.), 102S.
2. **MacKillop, J.**, Marx, K. & Lisman, S.A. (2003). Temptation and urge reactivity to alcohol cues. *Alcoholism: Clinical and Experimental Research*, 27 (Suppl.), 101S.
3. Miranda, R., Monti, P., Swift, R., **MacKillop, J.**, Tidey, J., Gwaltney, C., & Rohsenow, D. (2005). Dose-dependent effects of topiramate on alcohol cue reactivity and the subjective effects of drinking: Preliminary data. *Neuropsychopharmacology*, 30 (Suppl. 1), S152 – S153.
4. **MacKillop, J.**, Menges, D. P., McGeary, J.E., & Lisman, S.A. (2005). Do alcohol urges influence the instrumental value of alcohol? A preliminary study. *Alcoholism: Clinical and Experimental Research*, 29 (Suppl.), 152A.
5. Murphy, J. & **MacKillop, J.** (2005). Modeling demand for alcohol using a simulation procedure. *Alcoholism: Clinical and Experimental Research*, 29 (Suppl.), 33A.
6. **MacKillop, J.** & Lisman, S.A. (2005). Improving generalizability of extinction to alcohol cues via exposure in multiple contexts. *Alcoholism: Clinical and Experimental Research*, 29 (Suppl.), 152A.
7. **MacKillop, J.**, Miranda, R.M., Stein, L.A.R., Colby, S.M., Barnett, N., & Monti, P.M. (2005). Developmental predictors of alcohol use disorders in incarcerated youth. *Alcoholism: Clinical and Experimental Research*, 29 (Suppl.), 167A.
8. O'Hagen, S., **MacKillop, J.**, McGeary, J.E., & Lisman, S. (2006). Multidimensional assessment of craving and loss of control drinking. *Alcoholism: Experimental and Clinical Research*, 30 (Suppl.), 148A.
9. Eisenberg, D.T.A., **MacKillop, J.**, Modi, M., Lum, J.K., Lisman, S. & Wilson, D.S. (2006). Impulsivity as a dopamine gene endophenotype. *Alcoholism: Experimental and Clinical Research*, 30 (Suppl.), 7A.
10. Anderson, E.J., Wagner, L., **MacKillop, J.**, Donovan, P.J. (2006). Motivated Decision-making in Collegiate Drinkers. *Alcoholism: Experimental and Clinical Research*, 30 (Suppl.), 149A.

11. **MacKillop, J.**, O'Hagen, S., & Lisman, S.A. (2006). Understanding restrained drinking using an approach-avoidance assessment of reactions to alcohol cues. *Alcoholism: Experimental and Clinical Research*, 30 (Suppl.), 148A.
12. Miranda, R., Monti, P., Swift, R., **MacKillop, J.**, Tidey, J., Gwaltney, C., McGeary, J., Ray, L., Rohsenow, D. (2006). Dose dependent effects of topiramate on alcohol cue reactivity and the subjective effects of drinking. *Neuropsychopharmacology*, 31 (Suppl. 1).
13. **MacKillop, J.**, Miranda, R., Monti, P. M., Swift, R. M., Murphy, J. G., Rohsenow, D. J., Tidey, J. W., Gwaltney, C. J., McGeary, J. E., & Ray, L. A. (2008). Individual Differences in Behavioral Economic Demand for Alcohol and Delay Discounting in AUD+ Individuals and Heavy Drinking Controls. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 53A.
14. **MacKillop, J.**, Miranda, R., Monti, P. M., McGeary, J. E., Ray, L. A., Swift, R. M., Rohsenow, D. J., Tidey, J. W., & Gwaltney, C. J. (2008). DRD4 VNTR and OPRM1 Genotypes as Moderators of Alcohol Cue Reactivity and Responses to Alcohol. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 209A.
15. **MacKillop, J.**, Miranda, R., Monti, P. M., Swift, R. M., Murphy, J. G., Rohsenow, D. J., Tidey, J. W., Gwaltney, C. J., McGeary, J. E., & Ray, L. A. (2008). Short-Term Test-Retest Reliability of a Behavioral Economic Alcohol Purchase Task. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 53A.
16. Ray, L.A., Miranda, R., **MacKillop, J.**, McGeary, J.E., Tidey, J., Rohsenow, D.J., Gwaltney, C., Swift, R.M., and Monti, P.M. Pharmacogenetics of topiramate: Examining adverse events. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 143A.
17. Ray, L.A., Miranda, R., Tidey, J., Gwaltney, C., McGeary, J.E., **MacKillop, J.**, Rohsenow, D.J., Swift, R.M., and Monti, P.M. The Asn40Asp SNP of the mu-opioid receptor gene (OPRM1) and the subjective effects of alcohol in the natural environment. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 208A.
18. **MacKillop, J.** & Kahler, C.K. (2008). Delay discounting predicts treatment response for heavy drinkers receiving smoking cessation treatment. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 195A.
19. Ray, L.A., Bryan, A., **MacKillop, J.**, McGeary, J.E., Hesterberg, K., and Hutchison, K.E., The dopamine D4 receptor gene (DRD4) exon III polymorphism, problematic alcohol use, and novelty seeking: direct and mediated genetic effects. *Alcoholism: Experimental and Clinical Research*, 32 (Suppl.), 208A.
20. Ray, L.A., **MacKillop, J.**, Leventhal, A., Hutchison, K.E. (2009). Catching the alcohol buzz: A test of the latent factor structure of subjective intoxication. *Alcoholism: Experimental and Clinical Research*, 33 (Suppl.), 185A.
21. Murphy, J.G., Skidmore, J.R., **MacKillop, J.**, Martens, M.P. McDevitt-Murphy, M.E. & Pederson, A.A. (2009). A behavioral economic measure of relative sensitivity of alcohol demand to next-day responsibilities. *Alcoholism: Experimental and Clinical Research*, 33 (Suppl.), 259A.

22. Pryor, L.R. & **MacKillop, J.** (2009). Delayed reward discounting in individuals with alcohol use disorders and other addictive disorders: A meta-analysis. *Alcoholism: Experimental and Clinical Research*, 33 (Suppl.), 104A.
23. Amlung, M.T. & **MacKillop, J.** (2010). Advances in measuring the incentive salience of alcohol: consistency of value attributions using an alcohol purchase task. *Alcoholism: Experimental and Clinical Research*, 34 (Suppl.), 47A.
24. Murphy, C.M. & **MacKillop, J.** (2010). Psychometric evaluation of the Alcohol Dependence Scale (ADS) in a heavy drinking collegiate sample. *Alcoholism: Experimental and Clinical Research*, 34 (Suppl.), 224A.
25. **MacKillop, J.**, Amlung, M.T., Acker, J., Stojek, M. (2010). Further validation of an alcohol purchase task: Equivalence of versions for hypothetical and actual rewards. *Alcoholism: Experimental and Clinical Research*, 34 (Suppl.), 48A.
26. Acker, J. & **MacKillop, J.** (2010). Multidimensional assessment of impulsivity in relation to alcohol misuse: Initial findings. *Alcoholism: Experimental and Clinical Research*, 34 (Suppl.), 166A.

EXTRAMURAL FUNDING

NOTE: Budget amounts and proposed amounts provided for grants as Principal Investigator.

In Preparation, Under Review, and Pending

- Under Review R21 DA031930-01 National Institute on Drug Abuse
Title: "Smoking in College Students: Integrating Intrapersonal and Social Network Factors"
Role: Principal Investigator
Proposed Total Amount: \$414,382
- Under Review R21 -- National Institute on Alcohol Abuse and Alcoholism
Title: "Cognitive Phenotypes Underlying Genetic Risk for Alcoholism"
Role: Consultant (PI: Lara Ray, PhD; UCLA)
- Under Review R01 -- National Institute on Drug Abuse
Title: "Genetic Basis of Impulsive Behavior"
Role: Co-Investigator (PI: Harriet de Wit, PhD; University of Chicago)
- Under Review R01 -- National Institute on Drug Abuse
Title: "Novel neuroimaging markers inform successful smoking cessation interventions"
Role: Co-Investigator (PI: Lawrence Sweet, PhD; Brown University)
- Under Review R01 -- National Institute on Drug Abuse
Title: "Drug Abuse and Impulsivity: Human Laboratory Models"
Role: Consultant (PI: Harriet de Wit, PhD; University of Chicago)
- In Revision R21 AA020264-01 National Institute on Alcohol Abuse and Alcoholism
Title: "Alcohol Misuse in College Students: A Sociocentric Social Network Analysis"
Role: Principal Investigator
Proposed Total Amount: \$429,772
First submission priority score: 45
- In Revision R21 -- National Institute on Drug Abuse
Title: "Neuroimaging approaches to improve prediction of relapse during smoking cessation"
Role: Consultant (PI: Lawrence Sweet, PhD; Brown University)
First submission priority score: 40
- Under Review R01 -- National Institute on Alcohol Abuse and Alcoholism
Title: "Alcohol-Caffeine Combinations: Risk taking, Expectancies, and Impulsivity"
Role Co-Investigator (PI: Jonathan Howland, PhD; Boston University)
- Under Review R21 -- National Institute on Drug Abuse
Title: fMRI predictors of continued opioid use following buprenorphine initiation
Role: Consultant (PI: Beth Jerskey, PhD; Brown University)
- In Revision R21 DA030510-01 National Institute on Drug Abuse
Title: Novel Behavioral Economic Intermediate Phenotypes for Nicotine Dependence
Role: Principal Investigator
Proposed Total Amount: \$461,363
First submission priority score: 34

Active

- 2010-2011 Seed Grant - P30 DA027827 (Parent Grant)
 Title: Novel Neuroeconomic Intermediate Phenotypes for Nicotine Dependence: A Pilot Study
 Role: Principal Investigator
 Total amount: \$29,970
- 2010-2014 1R01DA028188-01A1
 National Institute on Drug Abuse
 Title: Smoking Cessation Interventions and Program Availability for Drug and Alcohol Addiction
 Role: Co-Investigator (PIs: Jessica Muilenburg & Lillian Eby, PhD; University of Georgia)
- 2010-2012 1R03AA019569-01
 National Institute on Drug Abuse
 Title: Integrating Laboratory and Neuroimaging Phenotypes
 Role: Consultant (PI: Lara Ray, PhD; University of California, Los Angeles)
- 2009-2011 R21 AA017696-01A1 Exploratory/Developmental Grant
 National Institute on Alcohol Abuse and Alcoholism
 Title: D-Cycloserine to Enhance Extinction to Alcohol Cues
 Role: Principal Investigator
 Total Amount: \$417,682
- 2009-2011 R03 DA027481
 Title: Stress and Drug Use Vulnerability in Rural African Americans
 Role: Co-Investigator (PI: Ezemenari Obasi, PhD; University of Georgia)
- 2009-2014 P30 DA027827
 Title: A Transdisciplinary Center Focused on Rural African American Families
 Role: Affiliated Scientist (PI: Gene Brody, PhD; University of Georgia)
- 2009-2011 3K23 AA016936-02S1(American Recovery and Reinvestment Act K23 Administrative Supplement)
 National Institute on Alcohol Abuse and Alcoholism
 Role: Principal Investigator
 Total Amount: \$46,472
- 2009-2012 Large Project Grant
 Institute for Research on Pathological Gambling and Related Disorders
 Title: Motivational Pathways to Pathological Gambling
 Role: Co-Investigator (PI: Adam Goodie, PhD; University of Georgia)
- 2009-2010 Faculty Research Grant
 University of Georgia Research Foundation
 Title: Neuroeconomics of Alcoholism: A Pilot Study
 Role: Principal Investigator
 Total Amount: \$9,952

- 2008-
2013 K23 AA016936 Mentored Patient-Oriented Career Development Award
National Institute on Alcohol Abuse and Alcoholism
Title: Enhancing Alcoholism Pharmacotherapy Research via Behavioral Economics
Role: Principal Investigator
Mentor: Paul Roman, PhD
Total Amount: \$746,507
- 2009-
2011 Alcoholic Beverage Medical Research Foundation
Title: Integrating human laboratory paradigms to refine alcoholism phenotypes
Role: Consultant (PI: Lara Ray, PhD; University of California, Los Angeles)
- 2008-
2010 Global Research Awards for Nicotine Dependence 2008
Pfizer Independent Competitive Grants Program
Title: Understanding Craving for Cigarettes via Behavioral Economics
Role: Principal Investigator
Total Amount: \$50,000
- 2008-
2011 R01 DA022386-01A1 – Administrative Supplement (Genetics)
National Institute on Drug Abuse
Title: The Behavioral Economics of Relapse
Role: Consultant (Supplement PI: John McGeary, PhD; R01 PI: Warren Bickel, PhD)
- 2008-
2011 Substance Abuse Policy Research Program Grant
Robert Wood Johnson Foundation
Title: Informing Public Policy on Cigarette Taxation via Cigarette Demand Curve Analysis
Role: Principal Investigator
Total Award: \$98,174
- 2010-
2011 National Institutes of Health Loan Repayment Program Competitive Renewal
National Institute on Alcohol Abuse and Alcoholism
Role: Principal Investigator
Total Award: \$5,305
- 2007-
2010 New Scientist Award
Alcoholic Beverage Medical Research Foundation
Title: Understanding Alcohol Craving via Behavioral Economics
Role: Principal Investigator
Total Award: \$100,000
- 2006-
2010 R01 AA007850 Research Project Grant
National Institute on Alcohol Abuse and Alcoholism
Title: Biobehavioral Mechanisms of Topiramate and Drinking
Role: Co-Investigator (PI: Peter Monti, PhD)

Completed

- 2008-
2010 National Institutes of Health Loan Repayment Program Competitive Renewal
National Institute on Alcohol Abuse and Alcoholism
Role: Principal Investigator
Total Award: \$15,333

2007-
2008 National Institutes of Health Loan Repayment Program Competitive Renewal
National Institute on Alcohol Abuse and Alcoholism
Role: Principal Investigator
Total Award: \$21,275

2007-
2008 Small Grants in Behavioral Economics
Russell Sage Foundation
Title: Neuroeconomics of Nicotine Dependence
Role: Principal Investigator
Total Award: \$5,000

2005-
2007 National Institutes of Health Loan Repayment Program
National Institute on Alcohol Abuse and Alcoholism
Role: Principal Investigator
Total Award: \$36,812

2005-
2006 T32 AA007459-20 National Research Service Award (institutional)
National Institute on Alcohol Abuse and Alcoholism
Title: Alcohol Intervention/Treatment Outcome Research Training
Role: Postdoctoral Research Fellow
Mentors: Peter M. Monti, PhD; Robert Miranda, Jr., PhD
Total Award: \$37,568

2003-
2004 F31 AA015012-01 National Research Service Award (individual)
National Institute on Alcohol Abuse and Alcoholism
Title: Improving Generalizability of Extinction to Alcohol Cues
Role: Principal Investigator
Mentor: Stephen A. Lisman, PhD
Total Award: \$25,781

PRESENTATIONSInvited National Colloquia

1. Title: *Effects of Cue-elicited Urges on Reward Decision-making*
Location: Center for Alcohol and Addiction Studies, Brown University
Date: 10/04
Role: Colloquium Speaker
2. Title: *Understanding Alcohol Craving via Behavioral Economics*
Location: NIAAA Trainee Workshop, Indianapolis, IA
Date: 11/05
Role: Trainee Speaker
3. Title: *Understanding Craving for Alcohol using Behavioral Economics*
Location: Charleston Alcohol Research Center, Medical University of South Carolina, Charleston, SC
Date: 04/06
Role: Colloquium Speaker
4. Title: *Genetic Influences on Addiction: Empirical Evidence, Functional Mechanisms, and Clinical implications*
Location: Center for Ethics and Values in the Sciences, University of Alabama at Birmingham, Birmingham, AL
Date: 05/07
Role: Plenary Speaker
5. Title: *Transdisciplinary Research on Addiction using Behavioral Economics*
Location: Department of Psychiatry, University of Arkansas for Medical Sciences, Little Rock, AK
Date: 12/07
Role: Grand Rounds
6. Title: *Evolution, Addiction, and Behavioral Economics*
Location: Evolutionary Studies (EVoS) Program, State University of New York at Binghamton, Binghamton, NY
Date: 5/08
Role: EVoS Speaker (university-wide)
7. Title: *Understanding Alcohol and Nicotine Dependence using Behavioral Economics*
Location: Veterans Administration Center of Excellence for Research on Returning War Veterans, Waco, Tx
Date: 6/10
Role: Colloquium Speaker
8. Title: *Delayed Reward Discounting and Addictive Behavior: A Meta-Analysis and Review of Evidence for Causative and Consequential Roles*
Location: Behavioral Economics: From Demand Curves to Public Policy, Association for Behavior Analysis International Conference, Chicago IL
Date: 3/11
Role: Plenary Speaker

Symposia

1. **MacKillop, J.** et al. (October, 2002). *Implementing a Research-based Substance Abuse Prevention Program in YOUR Community: Illustration Using a State Incentive Cooperative Agreement (SICA) Project*. Symposium provided at Treating Addictions in Special Populations: Research Confronts Reality, Binghamton, NY.
2. Coleman et al., (June, 2005). *Development of the Self-Perceived Fitness Questionnaire (SPFQ)*. Symposium presented at the annual meeting of the Human Behavior and Evolution Society (HBES), Austin, TX.
3. Ross, D. et al. (May, 2006). Addictive gambling as the basic dopaminergic reward system in general addiction: A neuroeconomic interpretation. Symposium presented at the 13th International Conference on Gambling and Risk-taking. Lake Tahoe, NV.
4. Sargeant, M.N. et al. (November, 2006). *Translating Research into Behavioral Treatments for Substance Use*. Symposium presented at the 40th annual meeting of the Association for the Advancement of Behavioral and Cognitive Therapies, Chicago, IL.
5. Aklin, W.M. et al. (November, 2006). *Advances in Novel Laboratory Measures of Impulsivity and Risk-Taking: Applications to Clinical Research*. Symposium presented at the 40th annual meeting of the Association for the Advancement of Behavioral and Cognitive Therapies, Chicago, IL.
6. Murphy et al. (June, 2006). *Translational Research on Alcohol Misuse Using Behavioral Economics*. Symposium presented at the 29th annual meeting of the Research Society on Alcoholism, Baltimore, MD.
7. Munafò et al. (January, 2008). *Using human laboratory approaches to dissect impulsivity in addictive behavior*. Symposium presented at the 2008 Pharmacology, Biochemistry, and Behavior Conference, Morzine, France.
8. **MacKillop, J.** & Munafò, M.R. (Co-Chairs) (May, 2009). Acting on Impulse: Impulsivity and Smoking. 2009 Joint Conference of SRNT and SRNT-Europe. Saggart, Dublin, Republic of Ireland.
9. Plebani, J. & Ray, L. (June, 2009). *In with the new: Novel approaches and future directions in human laboratory studies of alcoholism*. 32nd annual meeting of the Research Society on Alcoholism, San Diego, CA.
10. Rose, A. & Ray, L. (September, 2010). *Experimental laboratory models in alcohol research: Translation from Lab to Clinic*. Annual meeting of the International Society for Biomedical Research on Alcohol, Paris, France.

Oral/Poster Conference Presentations

1. Lynn, S.J., Meyer, E., **MacKillop, J.**, Shindler, K.L. & Benoit, G. (August, 2000). False memory illusions, hypnosis, and task motivation: The Roediger and McDermott paradigm and prehypnotic warnings. Oral presentation at the 108th annual meeting of the American Psychological Association, Washington, DC.
2. **MacKillop, J.**, Lynn, S.J., & Meyer E. (November, 2001). The impact of stage hypnosis on audience members and participants: replication and extension of previous findings. Paper presented at the annual meeting of Society for Clinical and Experimental Hypnosis, San Antonio TX.

3. **MacKillop, J.**, Ryabchenko, K.R., Lisman, S.A., Cochran, M., Cole, T. & Booker, J. (September, 2002). A federal funding initiative for science-based substance abuse prevention programming in the community: methods, challenges, and outcomes. Poster presented at Addictions 2002, Eindhoven, The Netherlands.
4. **MacKillop, J.**, Ryabchenko, K.R., Lisman, S.A., Cochran, M., Cole, T. & Booker, J. (October, 2002). Applying a research approach to prevention in our own backyard: The Broome County Youth Prevention Partnership. Poster presented at Treating Addictions in Special Populations: Research Confronts Reality, Binghamton, NY.
5. **MacKillop, J.**, Lisman, S. A., Marx, K., Weinstein, A. & Dong, A. (November, 2002). Reactivity to alcohol cues: Isolating the role of perceived availability. Poster presented at the 36th Annual Meeting of the Association for the Advancement of Behavior Therapy, Reno, NV.
6. **MacKillop, J.**, Lisman, S. A., Weinstein, A. & Marx, K. (November, 2002). Independent psychometric validation of the Temptation and Restraint Inventory (TRI): A test of factor structure. Poster presented at the 36th annual meeting of the Association for the Advancement of Behavior Therapy, Reno, NV.
7. Marx, K., Weinstein, A., **MacKillop, J.** & Lisman, S. A. (November, 2002). Temptation and responsivity to internal cues. Poster presented at the 36th annual meeting of the Association for the Advancement of Behavior Therapy, Reno, NV.
8. **MacKillop, J.** & Lisman, S.A. (July, 2003) Psychometric validation of the Alcohol Urge Questionnaire (AUQ) in a heavy drinking nonclinical sample. Poster presented at the 26th Annual Scientific Meeting of the Research Society on Alcoholism, Ft. Lauderdale, FL.
9. **MacKillop, J.**, Marx, K. & Lisman, S.A. (July, 2003) Temptation and urge reactivity to alcohol cues. Poster presented at the 26th Annual Scientific Meeting of the Research Society on Alcoholism, Ft. Lauderdale, FL.
10. **MacKillop, J.**, Marx, K.D., & Lisman, S.A. (November, 2003). Reactivity to Alcohol Cues: Refining the Role of Availability. Poster presented at the 37th Annual meeting of the Association for the Advancement of Behavior Therapy, Boston, MA.
11. **MacKillop, J.**, Castelda, B., Mattson, R., Anderson, E., Burrigh, R. & Donovan, P. (November, 2003). Discriminant Validity of Behavioral Measures of Decision-making in Gamblers. Poster presented at the 37th Annual meeting of the Association for the Advancement of Behavior Therapy, Boston, MA.
12. Anderson, E., **MacKillop, J.**, Castelda, B., Mattson, R., Burrigh, R. & Donovan, P. (November, 2003). Independent psychometric validation of the Gambling Beliefs Questionnaire (GBQ). Poster presented at the 37th Annual meeting of the Association for the Advancement of Behavior Therapy, Boston, MA.
13. Mattson, R., Anderson, E., **MacKillop, J.**, Castelda, B., Burrigh, R. & Donovan, P. (November, 2003). Psychometric validation of the Gambling Passion Scale (GPS). Poster presented at the 37th Annual meeting of the Association for the Advancement of Behavior Therapy, Boston, MA.
14. Castelda, B., Mattson, R., Anderson, E., **MacKillop, J.**, Burrigh, R. & Donovan, P. (November, 2003). An exploratory study of behavioral and paper-based measures of gambling in pathological and potentially pathological gamblers. Poster presented at the 37th Annual meeting of the Association for the Advancement of Behavior Therapy, Boston, MA.

15. Saccente, E., **MacKillop, J.**, Mattson, R.E., Castelda, B.A., Anderson, E.J., Burrignt, R.G., & Donovanick, P.J. (April, 2004). Differences in decision-making behavior using problem drinkers and non-problem drinkers. Poster presented at the annual meeting of the Eastern Psychological Association, Washington, D.C.
16. Magdich, S., Mattson, R.E., Anderson, E.J. Castelda, B.A., **MacKillop, J.**, Donovanick, P.J., & Burrignt, R.E. (April, 2004). The relationship between irrational gambling beliefs and gambling passion. Poster presented at the annual meeting of the Eastern Psychological Association, Washington, D.C.
17. **MacKillop, J.** & Lisman, S.A. (November, 2004). Improving generalizability of extinction to alcohol cues via exposure in multiple contexts. Poster presented at the 38th annual meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA.
18. **MacKillop, J.**, Castelda, B.A., & Newlin, D.B. (November, 2004). The Self-Perceived Fitness Questionnaire (SPFQ): Initial development of a paper-based measure of SPFit. Poster presented at the 38th annual meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA.
19. Anderson, E.J., **MacKillop, J.** & Donovanick, P.J. (November, 2004). Construct validation of the Mindful Attention and Awareness Scale. Poster presented at the 38th annual meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA.
20. **MacKillop, J.**, Castelda, B.A., & Newlin, D.B. (July, 2004). Testing the SPFit Model of Addictive Behavior: Development of the Self-Perceived Fitness Questionnaire (SPFQ). Poster presented at the annual meeting of the Human Behavior and Evolution Society.
21. **MacKillop, J.** & Lisman, S.A. (June, 2004) Drinking motives and drinking restraint: Examination in a heavy drinking sample. Poster to be presented at the 27th annual meeting of the Research Society on Alcoholism.
22. **MacKillop, J.**, Anderson, E.J., Mattson, R.E., Castelda, B.A. & Donovanick, P.J. (June, 2004). Instrumental decision-making in collegiate at-risk drinkers. Poster presented at the 27th annual meeting of the Research Society on Alcoholism.
23. **MacKillop, J.**, Menges, D. P., McGeary, J.E., & Lisman, S.A. (March, 2005). Influences of Craving and DRD4 Genotype on Perceived Value of Alcohol. Poster presented at the 9th Annual Research Symposium on Mental Health Sciences. Department of Psychiatry and Human Behavior, Brown University.
24. Murphy, J. & **MacKillop, J.** (June, 2005). Modeling demand for alcohol using a simulation procedure. Poster presented at the 28th annual meeting of the Research Society on Alcoholism.
25. **MacKillop, J.**, Menges, D. P., McGeary, J.E., & Lisman, S.A. (June, 2005). Do alcohol urges influence the instrumental value of alcohol? A preliminary study. Poster presented at the 28th annual meeting of the Research Society on Alcoholism, Santa Barbara, CA.
26. **MacKillop, J.** & Lisman, S.A. (June, 2005). Improving generalizability of extinction to alcohol cues via exposure in multiple contexts. Poster presented at the 28th annual meeting of the Research Society on Alcoholism.

27. **MacKillop, J.**, Miranda, R.M., Stein, L.A.R., Colby, S.M., Barnett, N., & Monti, P.M. (June, 2005). Developmental predictors of alcohol use disorders in incarcerated youth. Poster presented at the 28th annual meeting of the Research Society on Alcoholism.
28. Menges, D.P., **MacKillop, J.**, McGeary, J.E., & Lisman, S.A. (November, 2005). Effect of urge and genotype on perceived value of alcohol. Poster presented at the 39th annual meeting of the Association for the Advancement of Behavioral and Cognitive Therapies, Washington, DC.
29. Miranda, R., Monti, P., Swift, R., **MacKillop, J.**, Tidey, J., Gwaltney, C., & Rohsenow, D. (December, 2005). Dose-dependent effects of topiramate on alcohol cue reactivity and the subjective effects of drinking: Preliminary data. Poster presented at the annual meeting of the American College of Neuropsychopharmacology.
30. **MacKillop, J.**, O'Hagen, S., & Lisman, S.A. (March, 2006). Understanding restrained drinking using an approach-avoidance assessment of reactions to alcohol cues. Poster presented at the 7th annual Guze Symposium on Alcoholism at the Midwest Alcoholism Research Center, Washington University, St. Louis, MO.
31. **MacKillop, J.**, O'Hagen, S., & Lisman, S.A. (June, 2006). Understanding restrained drinking using an approach-avoidance assessment of reactions to alcohol cues. Poster presented at the 29th annual meeting of the Research Society on Alcoholism.
32. O'Hagen, S., **MacKillop, J.**, McGeary, J.E., & Lisman, S. (June, 2006). Multidimensional assessment of craving and loss of control drinking. Poster presented at the 29th annual meeting of the Research Society on Alcoholism.
33. Anderson, E. J., Wagner, L., **MacKillop, J.** & Donovan, P. J. (June, 2006). Motivated decision-making in collegiate drinkers. Poster presented at the 29th annual meeting of the Research Society on Alcoholism.
34. Eisenberg, D.T.A., **MacKillop, J.**, Modi, M., Lum, J.K., Lisman, S. & Wilson, D.S. (June, 2006). Impulsivity as a dopamine gene endophenotype. Poster presented at the 29th annual meeting of the Research Society on Alcoholism.
35. Miranda, R., Monti, P., Swift, R., **MacKillop, J.**, Tidey, J., Gwaltney, C., McGeary, J., Ray, L., Rohsenow, D. (December, 2006). Dose dependent effects of topiramate on alcohol cue reactivity and the subjective effects of drinking. Poster presented at the annual meeting of the American College of Neuropsychopharmacology.
36. **MacKillop, J.**, O'Hagen, S., Murphy, J., McGeary, J.E., & Lisman, S.A. (June, 2007), Subjective craving for alcohol reflects a state-dependent increase in the relative reinforcing efficacy of alcohol. Oral paper presented at the annual meeting of the International Study Group Investigating Drugs as Reinforcers.
37. **MacKillop, J.**, Murphy, J.G., & Tidey, J.W. (June, 2007). Exploratory factor analysis suggests that the relative reinforcing efficacy of alcohol is binary. Poster presented at the annual meeting of the College on Problems with Drug Dependence.
38. Murphy, J.G. & **MacKillop, J.** (November, 2007). Reliability of a Demand Curve Measure of Alcohol Reinforcement. Poster presented at the 41st annual meeting of the Association for Behavioral and Cognitive Therapies.

39. **MacKillop, J.**, Miranda, R. M., Monti, P. M., Swift, R. M., Murphy, J. G., Rohsenow, D. J., Tidey, J. W., Gwaltney, C. J., McGeary, J. E., & Ray, L. A. (June, 2008). Individual Differences in Behavioral Economic Demand for Alcohol and Delay Discounting in AUD+ Individuals and Heavy Drinking Controls. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
40. **MacKillop, J.**, Miranda, R. M., Monti, P. M., McGeary, J. E., Ray, L. A., Swift, R. M., Rohsenow, D. J., Tidey, J. W., & Gwaltney, C. J. (June, 2008). DRD4 VNTR and OPRM1 Genotypes as Moderators of Alcohol Cue Reactivity and Responses to Alcohol. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
41. **MacKillop, J.**, Miranda, R. M., Monti, P. M., Swift, R. M., Murphy, J. G., Rohsenow, D. J., Tidey, J. W., Gwaltney, C. J., McGeary, J. E., & Ray, L. A. (June, 2008). Short-Term Test-Retest Reliability of a Behavioral Economic Alcohol Purchase Task. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
42. Ray, L.A., Miranda, R., **MacKillop, J.**, McGeary, J.E., Tidey, J., Rohsenow, D.J., Gwaltney, C., Swift, R.M., and Monti, P.M. (June, 2008). Pharmacogenetics of topiramate: Examining adverse events. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
43. Ray, L.A., Miranda, R., Tidey, J., Gwaltney, C., McGeary, J.E., **MacKillop, J.**, Rohsenow, D.J., Swift, R.M., and Monti, P.M. (June, 2008). The Asn40Asp SNP of the mu-opioid receptor gene (OPRM1) and the subjective effects of alcohol in the natural environment. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
44. **MacKillop, J.** & Kahler, C.K. (June, 2008). Delay discounting predicts treatment response for heavy drinkers receiving smoking cessation treatment. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
45. Ray, L.A., Bryan, A., **MacKillop, J.**, McGeary, J.E., Hesterberg, K., and Hutchison, K.E. (2009). The dopamine D4 receptor gene (DRD4) exon III polymorphism, problematic alcohol use, and novelty seeking: Direct and mediated genetic effects. Poster presented at the 31st annual meeting of the Research Society on Alcoholism.
46. Ray, L.A., **MacKillop, J.**, Leventhal, A., Hutchison, K.E. (2009). Catching the alcohol buzz: A test of the latent factor structure of subjective intoxication. 32nd annual meeting of the Research Society on Alcoholism.
47. Murphy, J.G., Skidmore, J.R., **MacKillop, J.**, Martens, M.P. McDevitt-Murphy, M.E. & Pederson, A.A. (2009). A Behavioral Economic Measure of Relative Sensitivity of Alcohol Demand to Next-Day Responsibilities. 32nd annual meeting of the Research Society on Alcoholism.
48. Pryor, L.R., **MacKillop, J.**, & Amlung, M. (2009). Delayed reward discounting in individuals with alcohol use disorders and other addictive disorders: A meta-analysis. 32nd annual meeting of the Research Society on Alcoholism.
49. Garcia, J., **MacKillop, J.**, Aller, A., Merriwether, A. Wilson, D.S. Lum, J.K. (2009). Behavioral neurogenetics of infidelity and uncommitted sex. Annual meeting of the North Eastern Evolutionary Psychology Society.
50. Herin, D.V. & **MacKillop, J.** (2009). Novel Assessment of Cocaine Motivation using Behavioral Economics. Poster presented at the annual meeting of the American College of Neuropsychopharmacology.

51. Amlung, M.T.; Acker, J.; Stojek, M.; **MacKillop, J.** (2010). Further Validation of an Alcohol Purchase Task: Equivalence of Versions for Hypothetical and Actual Rewards. Poster presented at the 10th annual Guze Symposium on Alcoholism at the Midwest Alcoholism Research Center, Washington University, St. Louis, MO.
52. **MacKillop, J.** & Tidey, J.W. (2010). Cigarette Demand and Delayed Reward Discounting in Nicotine Dependent Individuals with Schizophrenia and Controls: A Preliminary Study. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
53. **MacKillop, J.**, Pryor, L.R., Amlung, M.S., Wier, L., Murphy, J.G., Acker, J., Murphy, C.M., Chaloupka, F.J. (2010). High resolution analysis of tobacco demand in a community sample of smokers. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
54. **MacKillop, J.**, Amlung, M.S., Pryor, L.R., & Munafò, M.R. (2010). Delayed reward discounting in smokers and individuals with other addictive disorders: a meta-analysis. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
55. Carter, L.P., Landes, R.D., Sheffer, C.E., Jackson, L.C., Christensen, D., Stitzer, M.L., **MacKillop, J.**, McGeary, J.E., Jones, B.A., & Bickel, W.K. (2010). Interactions between delay discounting and DRD4 genotype on smoking following a treatment intervention. Poster presentation at the College on Problems of Drug Dependence.
56. Amlung, M.T. & **MacKillop, J.** (2010). Advances in measuring the incentive salience of alcohol: Consistency of value attributions using an alcohol purchase task. Poster presentation at the 33rd annual meeting of the Research Society on Alcoholism.
57. Murphy, C.M. & **MacKillop, J.** (2010). Psychometric evaluation of the Alcohol Dependence Scale (ADS) in a heavy drinking collegiate sample. Poster presentation at the 33rd annual meeting of the Research Society on Alcoholism.
58. **MacKillop, J.**, Amlung, M.T., Acker, J., Stojek, M. (2010). Further validation of an alcohol purchase task: equivalence of versions for hypothetical and actual rewards. Poster presentation at the 33rd annual meeting of the Research Society on Alcoholism.
59. Acker, J. & **MacKillop, J.** (2010). Multidimensional assessment of impulsivity in relation to alcohol misuse: Initial findings. Poster presentation at the 33rd annual meeting of the Research Society on Alcoholism.
60. Amlung, M.T., **MacKillop, J.**, Sweet, L., Wier, L., David, S.P., Jerskey, E., Ray, L., Murphy, J.G., Cohen, R., Bickel, W.K. (October, 2010). The Neuroeconomics of Nicotine Dependence: Understanding Intertemporal Choice in Smokers using fMRI. Poster presented at the Society for Neuroeconomics.
61. **MacKillop, J.**, Brown, C.L., Murphy, C.M., Stojek, M. (February, 2011) Behavioral economic analysis of craving for tobacco: Effects of cues, withdrawal, and hypothetical outcomes. Oral presentation at the annual meeting of the Society for Research on Nicotine and Tobacco.

62. **MacKillop, J.**, Few, L.R., Acker, J., Murphy, C.M., Wier, L., Amlung, M.T., Murphy, J.G., & Chaloupka, F. (under review). 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.).
63. Murphy, C.M. & **MacKillop, J.** (under review). 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.).
64. Stojek, M.S. & **MacKillop, J.** (under review). 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.).
65. Few, L.R., Acker, J., Murphy, C.M., & **MacKillop, J.** (under review). 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.).
66. Murphy, C.M., **MacKillop, J.**, Miranda, R., Meehan, J., Swift, R.W., & Monti, P.M. (under review). A dose-based meta-analysis of topiramate's effects on alcohol consumption and heavy drinking. Poster presentation at the annual meeting of the Research Society on Alcoholism.
67. Miranda, R., **MacKillop, J.**, Meehan, J., Justus, A., Tidey, J.; Ramirez, J., Ray, L., Gwaltney, C., Swift, R., Rohsenow, D., McGeary, J., Carter, A., Monti, P. (under review). Biobehavioral effects of topiramate among heavy drinkers. Poster presentation at the 34th Annual Meeting of the Research Society on Alcoholism.
68. Few, L.R., Acker, J., Murphy, C.M., & **MacKillop, J.** (under review). Short-term test-retest reliability of alcohol and cigarette purchase tasks. Poster presentation at the 34th Annual Meeting of the Research Society on Alcoholism.
69. Acker, J., Amlung, M.T., Few, L.R., **MacKillop, J.** (under review). Contextualizing delay discounting and alcohol misuse: A meta-analysis of continuous relationships. Poster presentation at the 34th Annual Meeting of the Research Society on Alcoholism.
70. Amlung, M.T., Acker, J., Brown, C., Sweet, L., & **MacKillop, J.** (under review). The Neuroeconomics of delayed reward discounting in heavy drinkers. Poster presentation at the 34th Annual Meeting of the Research Society on Alcoholism.
71. **MacKillop, J.**, Amlung, M.T., Sweet, L.H., Acker, J., & Brown, C.L. (under review). The neuroeconomics of alcohol demand: Initial findings. Poster presentation at the 34th Annual Meeting of the Research Society on Alcoholism.

TEACHING ROLES

PhD STUDENTS

Primary PhD Mentor:

1. Michael Amlung (in progress), University of Georgia (Psychology)
2. John Acker (in progress), University of Georgia (Psychology)
3. Cara Murphy (in progress), University of Georgia (Psychology)

PhD Dissertation/MS Thesis Committee Member:

1. Antonio Puentes, University of Georgia (Psychology)
2. Monika Stojek, University of Georgia (Psychology)
3. Erica Fortune, University of Georgia (Psychology)
4. Brittany Collins, University of Georgia (Psychology)
5. Sherri Hammond, University of Georgia (Physiology)

University Courses

University of Georgia:

Special Problems in Psychology – Addiction Research (Mentored Independent Research Experience)

Current Students (n = 12)

Past Students: Jennifer Perry, Lindsey Pickle, Will Gordon, Anna Harrell, Kristi Jackson, Chris Bower, Janna Carroll,

Student Evaluation: Mode = Superior (highest), range = Very Good to Superior (only qualitative descriptors available).

Special Topics in Psychology: Addiction

Instructor Rating, Fall 2008 (class n = 70): 3.35 (Scale: 1-5, 1= Poor, 5 = Superior)

Instructor Rating, Fall 2009 (class n = 140): 4.15 (Scale: 1-5, 1= Poor, 5 = Superior)

Brown University:

Alcohol Use and Misuse (with Peter M. Monti, PhD)

Student Evaluation (class n = 9): 1.44 (Scale: 1 - 5, 1 = Excellent, 5 = Poor)

State University of New York at Binghamton:

Evolution and Addiction (3x)

Drugs and Behavior

Physiology of Behavior

Experimental Psychology: Laboratory in Learning (2x)

No summary scores available, narrative student evaluations available upon request.

Other Teaching

Masters in Public Health First Year Summer Internship 2008

Program in Public Health, Brown University

Treatments for Addictions using Cue Exposure (with Peter M. Monti, PhD)

Clinical Institute (5 hours)

2006 Annual Meeting of the Association for Behavioral and Cognitive Therapies, Chicago IL

CLINICAL ROLES

- 8/00- The Psychological Clinic, Department of Psychology, State University of New
6/04 York at Binghamton
Clinician Trainee
- 9/02- Broome County Mental Health Department
9/03 *Clinician Trainee*
- 7/04- Substance Abuse Treatment Program, Providence Veterans Affairs Medical Center
7/05 *Predoctoral Intern Clinician*
- 7/04- Rhode Island Training School
11/04 *Predoctoral Intern Clinician*
- 3/05- The Miriam Hospital
7/05 *Predoctoral Intern Clinician/Clinical Consultation-Liaison*
- 7/04- Center for Alcohol and Addiction Studies, Brown University
7/06 *Research Clinician*
- 1/05- Center for Alcohol and Addiction Studies, Brown University
8/08 *Research Diagnostician/Interventionist*
- 4/10- Experimental and Clinical Psychopharmacology Laboratory, University of Georgia
Present *Supervising Psychologist*

SERVICE

- 2008- Admissions Committee, Clinical Area, Department of Psychology,
present University of Georgia
- 2009- Preliminary Examination Committee, Clinical Area, Department of Psychology,
present University of Georgia
- 2009- Student-Faculty Committee, Clinical Area, Department of Psychology, University of
present Georgia
- 2009- Long-Term Planning Committee, Department of Psychology, University of Georgia
Present
- 2009- Genomics Facility Faculty Advisory Committee, Georgia Genomics Facility, University
present of Georgia
- 2010- Head, "Raising the Bar" Committee, Institute for Behavioral Research
present
- 2010- Clinical Area Continuing Education Committee, Department of Psychology, University
present of Georgia

REFERENCES

STATE UNIVERSITY OF NEW YORK AT
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