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CURRICULUM VITAE (May, 2022)

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Education: **Swarthmore College** Swarthmore, PA
BA Honors, Psychology minor in Philosophy June 1992

University of Pennsylvania Philadelphia, PA
Ph.D., Experimental Psychology December 1997

Professional Experience:

Associate Professor
Department of Psychology, University of Southern California
May 2011 – Present

Assistant Professor
Department of Psychology, University of Southern California
Brain and Creativity Institute
July 2008 – May 2011

Assistant Professor
Dept of Psychiatry and Biobehavioral Sciences (primary appointment)
Department of Psychology (secondary appointment)
University of California, Los Angeles, July 2002 – June 2008

Postdoctoral Fellow, Department of Psychiatry, University of
Pennsylvania School of Medicine, January 1998 – July 2002

Visiting Assistant Professor (Part Time), Department of Psychology,
Swarthmore College, January 2001 – May 2001

ACTIVE Grants

R21DA055878 **Monterosso** (Contact)/Tackett/Page (MPI)

4/01/22 - 03/31/24

Acute effects of sweet flavoring and nicotine in e-cigarettes on brain activity during food decisions

The primary goal of this project is to assess the effect of common vape constituents on appetite signaling. Participants will vape before four functional Magnetic Resonance Imaging sessions. The vape used will vary based on the presence or absence of sweet flavoring, and the presence or absence of nicotine. During fMRI, participants will be shown images of foods, and will bid money to obtain the food.

U54-CA180905 Leventhal/Lerman (Center MPIs) 9/01/23 - 08/30/28

NCI/FDA

The USC Tobacco Center of Regulatory Science

Center Project *Appeal and Abuse Liability of ONPs in Young Adults*

Project MPIs: **Monterosso** (Contact)/ Pang

The primary goal of this project is to assess the ways emerging nicotine products (flavored pouches and gums) are being used by young adults, and how they may impact nicotine addiction. It is one of four five-year projects that, along with 3 Cores, comprise the Center.

PEER REVIEWED JOURNAL ARTICLES [Google Scholar H-Index = 53]

1. Monterosso J, Ainslie G (1999) Beyond discounting: possible experimental models of impulse control. *Psychopharmacology*, 146: 339-347.
2. Volpicelli, J.R., Markman, I., Monterosso, J., Filing, J., & O'Brien, C.P. (2000) Psychosocially enhanced treatment for cocaine-dependent mothers: Evidence of efficacy. *Journal of Substance Abuse Treatment*, 18: 41-49.
3. Monterosso, J., Ehrman, R., Napier, K., O'Brien, C.P., and Childress, A.R. (2001) Three decision-making tasks in cocaine-dependent patients: Do they measure the same construct? *Addiction*, 96(12): 1825- 1837.
4. Monterosso, J., Flannery, B., & Pettinati, H., Oslin, D., Rukstalis, M., O'Brien, C., Volpicelli, J. (2001) Predicting treatment response to naltrexone: the influence of craving and family history. *American Journal on Addictions*, 10: 258-268.
5. Schwartz, B., Ward, A., Monterosso, J; Lyubomirsky, S., White, K., Lehman, D.R. (2002) Maximizing versus satisficing: Happiness is a matter of choice. *Journal of Personality & Social Psychology*, Nov. 83(5): 1178-1197.
6. Langleben, D., Acton, P., Elman, I., Austin, G., Monterosso, J., Krikorian, G., Ridlehuber, H., Strauss, W. (2002) Effects of methylphenidate treatment discontinuation on cerebral blood flow in prepubescent boys with attention deficit hyperactivity disorder. *Journal of Nuclear Medicine*, Dec 43(12): 1624-6249.

7. Ehrman, R., Robbins, S., Bromwell, M., Lankford, M., Monterosso, J., O'Brien, C. (2002) Comparing attentional bias to smoking cues in current smokers, former smokers, and non-smokers using a dot-probe task. *Drug and Alcohol Dependence*, 67(2): 185-191.
8. Monterosso, J., Ainslie, G., Mullen, P., Gault, B. (2002) The fragility of cooperation: A false-feedback study of a sequential iterated prisoner's dilemma. *Journal of Economic Psychology*, 23: 437-448.
9. Ainslie, G., Monterosso, J. (2003) Building blocks of self-control: Increased tolerance for delay with bundled rewards. *Journal of the Experimental Analysis of Behavior*, 79: 83-94.
10. Sabini, J., Monterosso, J. (2003) Moralization of college grading: performance, effort, and moral worth. *Basic and Applied Social Psychology*, 25(3): 189-203.
11. Ainslie G, Monterosso J. (2003) Will as intertemporal bargaining: Implications for rationality. *Penn Law Review*, 151: 825-862.
12. Pettinatti, H., Monterosso, J., Lipkin, C. Volpicelli, J. (2003) Patient attitudes toward treatment predict attendance in clinical pharmacotherapy trials of alcohol and drug treatment. *The American Journal on Addictions*, 12(4): 324-335.
13. Bearden, C.E., van Erp, T.G.M., Monterosso, J., Simon, T.J., Glahn, D.C., Saleh, P.A., Hill, N.M., McDonald-McGinn, D.M., Zackai, E., Emanuel, B.S., Cannon, T.D. (2004) Regional brain abnormalities in 22q11.2 deletion syndrome: association with cognitive abilities and behavioral symptoms. *Neurocase*, 10: 198-206.
14. Voytek, B., Berman, S., Simon, S.L., Mandelkern, M.A., Hassid, D.B., Brody, A.L., Monterosso, J., Ling, W., London, E.D. (2005) Differences in regional brain metabolism associated with marijuana abuse in methamphetamine abusers. *Synapse*, 57(2): 113-5.
15. Sabini, J., Monterosso, J. (2005) Judgments of the fairness of using performance enhancing drugs *Ethics & Behavior*, 15(1): 81-94.
16. Baicy, K., Bearden, C.E., Monterosso, J., Brody, A.L., Isaacson, A.J., London, E.D. (2005) Common substrates of dysphoria in stimulant drug abuse and primary depression: Therapeutic targets. *International Review of Neurobiology*, (65) 117-45.
17. Xu, J., Mendrek, A., Cohen, M., Monterosso, J., Rodriguez, P., Simon, S., Brody, A., Jarvik, M., Domier, C., Olmstead, R., Ernst, M., London, E. (2005) Brain activity in cigarette smokers performing a working memory task: effect of smoking abstinence. *Biological Psychiatry*, 58(2): 143-150.
18. Monterosso, J., Aron, A., Cordova, X., Xu, J., London, E. (2005) Deficits in response inhibition associated with chronic methamphetamine use. *Drug and Alcohol Dependence*, 79(2): 273-278.

19. London, E.D., Berman, S.M., Voytek, B., Simon, S.L., Mandelkern, M.A., Monterosso, J., Thompson, P.M., Brody, A.L., Geaga, J.A., Hong, M.S., Hayashi, K.M., Rawson, R.A., Ling, W. (2005) Cerebral metabolic dysfunction and impaired vigilance in recently abstinent methamphetamine abusers. *Biol Psychiatry*, 58: 143-150.
20. Monterosso, J., Royzman, E., Schwartz, B. (2005) Explaining Away Responsibility: Effects of Scientific Explanation on Perceived Culpability. *Ethics & Behavior*, 15(2): 139-158.
21. Mendrek A., Monterosso J., Simon S.L., Jarvik M., Brody A., Olmstead R., Domier C.P., Cohen M.S., Ernst M., London E.D. (2006) Working memory in cigarette smokers: Comparison to non-smokers and effects of abstinence. *Addictive Behaviors*, 31: 833-844.
22. Langleben, D., Monterosso, J., Elman, I., Ash, B., Krikorian, G., Austin, G. (2006) Effect of methylphenidate on the Stroop Color-Word Task performance in children with Attention Deficit Hyperactivity Disorder. *Psychiatry Research* 141(3): 315-20.
23. Xu, J., Mendrek, A., Cohen, M.S., Monterosso, J., Simon, S., Brody, A., Jarvik, M., Rodriguez, P., Ernst, M., London, E.D. (2006) Effects of acute smoking on brain activity vary with abstinence in smokers performing the n-back task: a preliminary study. *Psychiatry Res. Neuroimaging* 148:103-109.
24. Monterosso, J., Ainslie, G. (2007) The behavioral economics of will and recovery from addiction. *Drug and Alcohol Dependence*, 90: S100-S111.
25. Xu, J., Mendrek, A., Cohen, M.S., Monterosso, J., Simon, S., Jarvik, M., Olmstead, R., Brody, A., Ernst, M., London, E.D. (2007) Effect of cigarette smoking on prefrontal cortical function on nondeprived smokers performing the Stroop task. *Neuropsychopharmacology* 32: 1421-1428.
26. Brody, A., Mandelkern, MA, Olmstead, R., Jou, J., Tiongson, E., Allen, V., Scheibal, D., London, ED, Monterosso, JR., Tiffany, S., Korb, A., Gan, JJ, Cohen MS (2007) Neural substrates of resisting craving during cigarette cue exposure. *Biol. Psychiatry*, 62(6): 642–651.
27. Domier, C.P., Monterosso, J., Brody, A.L., Simon, S.L., Mendrek, A., Olmstead, R., Jarvik, M.E., Cohen, M.S., London, E.D. (2007) Effects of cigarette smoking and abstinence on Stroop task performance. *Psychopharmacology*, 195(1), 1-9.
28. Monterosso, J., Ainslie, G., Xu, J., Cordova, X., Domier, C., London, E.D. (2007) Frontoparietal cortical activity of methamphetamine-dependent and comparison subjects performing a parametric delay-discounting task. *Human Brain Mapping* 28(5): 383-393.
29. Baicy, K., London, E., Monterosso, J., Wong, M.-L., Delibasi, T., Sharma, A., Licinio, J. (2007) Leptin replacement alters brain response to food cues in genetically leptin-deficient adults. *Proceedings of the National Academy of Sciences*, 104: 18276–18279.

30. Berman, S.M., Voytek, B., Mandelkern, M.A., Hassid, B.D., Isaacson, J.R., Monterosso, J., Miotto, K., Ling, W., London, E.D. (2008) Changes in cerebral glucose metabolism during early abstinence from chronic methamphetamine abuse. *Mol. Psychiatry*, 13, 897–908.
31. Payer DE, Lieberman MD, Monterosso J, Xu J, Fong TW, London ED: Differences in cortical activity between methamphetamine-dependent and healthy individuals performing a facial affect matching task. *Drug Alcohol Depend* 2008; 93: 93–102.
32. Xu, J., Azizian, A., Monterosso, J., Domier, C. P., Brody A. L., London E. D., Fong T. W. (2008) Gender effects on mood and cigarette craving during early abstinence and resumption of smoking. *Nicotine & Tobacco Research*, 10, 1653-1661.
33. Azizian, A., Monterosso, J. R., Brody, A. L., Simon, S. L., London, E. D. (2008) Severity of nicotine dependence moderates performance on perceptual-motor tests of attention. *Nicotine & Tobacco Research*, 10, 599–606.
34. Brody, A.L., Mandelkern, M.A., Olmstead, R.E., Allen-Martinez, Z., Scheibal, D., Abrams, A.L., Costello, M.R., Farahi, J., Saxena, S., Monterosso, J., London E.D. (2009) Ventral striatal dopamine release in response to smoking a regular vs a denicotinized cigarette. *Neuropsychopharmacology*, 34(2): 282-289.
35. Monterosso, J. Ainslie, G. (2009) The piceoeconomic approach to addictions: analyzing the conflict of successive motivational states. *Addiction Research and Theory*, 17(2): 115-134.
36. Lee, B., London, E., Poldrack, R., Farahi, J., Nacca, A., Monterosso, J. R., Mumford, J., Bokarius, A., Dahlbom, M., Mukherjee, J., Bilder, R., Brody, A., Mandelkern, M. (2009) Striatal dopamine D2/D3 receptor availability is reduced in methamphetamine dependence and is linked to impulsivity. *Journal of Neuroscience*, 29(47): 14734-14740.
37. Luo, S., Giragosian, L., Ainslie, G., Monterosso, J.(Senior and Corresponding author)* (2009) Behavioral and neural evidence of incentive bias for immediate rewards relative to preference-matched delayed rewards. *Journal of Neuroscience*, 29(47): 14820-14827.
38. Azizian, A., Monterosso, J., Nestor, L., Brody, A., Payer, D., London, E. (2010) Smoking reduces conflict-related anterior cingulate activity in abstinent cigarette smokers performing a Stroop task. *Neuropsychopharmacology*, 35, 775–782.
39. Monterosso, J. & Luo, S. (2010) An argument against dual valuation system competition: cognitive capacities supporting future orientation mediate rather than compete with visceral motivations. *Journal of Neuroscience, Psychology, and Economics* 3(1): 1-14.
40. Simon, S. L., Dean, A. C., Cordova, X., Monterosso, J. R., London, E. D. (2010) Methamphetamine dependence and neuropsychological functioning: evaluating change during early abstinence. *Journal of Studies on Alcohol and Drugs*, 71(3): 335-344.

41. Ghahremani, D., Monterosso, J., Jentsch, D., Bilder, R., Poldrack, R. (2010) Neural components underlying behavioral flexibility in human reversal learning. *Cerebral Cortex*, 20(8): 1843-1852.
42. Tabibnia, G., Monterosso, J., Baicy, K., Aron, A., Poldrack, R., Chakrapani, S., Lee, B., London, E. (2011) Different forms of self-control share a neurocognitive substrate. *Journal of Neuroscience*, 31(13): 4805-4810.
43. Ghahremani, B. Tabibnia, G., Monterosso, J., Poldrack, R., London E. (2011) Effect of modafinil on learning and task-related brain activity in methamphetamine-dependent and healthy individuals. *Neuropsychopharmacology*, 36, 950-959.
44. Luo, S., Giragosian, L., Ainslie, G., Monterosso, J. (2011) Striatal hyposensitivity to delayed rewards among cigarette smokers. *Drug and Alcohol Dependence*, Jul 116(1-3):18-23.
45. Xu, J., Monterosso, J., Balodis, I., Kober, H., Portenza, M. (2011) Perceptual Load-Dependent Neural Correlates of Distractor Interference Inhibition, *PLoS ONE*. 6(1): e14552.
46. London, E., Berman, S., Chakrapani, S., Delibasi, T., Monterosso, J. Wong, M., Licinio, J. (2011) Short-term plasticity of grey matter associated with leptin deficiency and replacement, *Journal of Clinical Endocrinology & Metabolism*96(11):3576.
47. Nestor, L., Ghahremani, D., Monterosso, J., London, E. (2011) Prefrontal hypoactivation during cognitive control in early abstinent methamphetamine-dependent subjects. *Psychiatry Research: Neuroimaging*. 194(3):287-95.
48. Dean AC, Sevak RJ, Monterosso JR, Helleman G, Sugar CA, London ED. (2011) Acute modafinil effects on attention and inhibitory control in methamphetamine-dependent humans. *J Stud Alcohol Drugs*. 2011 Nov;72(6):943-53.
49. Luo, S., Ainslie, G., Pollini, D., Giragosian, L., Ainslie, G., Monterosso, J. (2012) Moderators of the association between brain activation and farsighted choice. *Neuroimage*. 16;59(2):1469-77.
50. Leventhal, A.M., Muanfò, M., Tidey, J.W., Sussman, S., Monterosso, J.R., Sun, P., & Kahler, C.W. (2012). Anhedonia predicts altered processing of happy faces in abstinent cigarette smokers. *Psychopharmacology*. 222 (12): 343-351.
51. Sharp, C., Monterosso, J., Montague, R. (2012) Neuroeconomics as a bridge for translational research. *Biological Psychiatry*. 72 (2) 87–92.
52. Ghahremani, Lee, Robertson, Tabibnia, Morgan, Brown, Monterosso, Aron, Mandelkern, Poldrack and London (2012) "Striatal dopamine D2/D3 receptors mediate response inhibition and related activity in frontostriatal neural circuitry in humans" *Journal of Neuroscience*. 32(21): 7316-7324
53. Leventhal, A.M., Greeberg, J.B., Trujillo, M.A., Ameringer, K.J., Lisha, N., Pang, R., & Monterosso, J. (2013). Positive and negative affect as predictors of urge to smoke: Temporal factors and mediational pathways. *Psychology of Addictive Behaviors*, 27(1), 262-267.
54. Luo, S., Romero, A., Adam, T. C., Hu, H. H., Monterosso, J., & Page, K. A. (2013). Abdominal fat is associated with a greater brain reward response to high-calorie food cues in hispanic women. *Obesity*.

55. Monterosso, J., Piray, P., Luo, S. “Neuroeconomics and the study of Addiction”, (2012) *Biological Psychiatry*. 72 (2) 107–112.
56. Xu, J., Zhang, S., Calhoun, V. D., Monterosso, J., Li, C. S. R., Worhunsky, P. D., & Potenza, M. N. (2013). Task-related concurrent but opposite modulations of overlapping functional networks as revealed by spatial ICA. *NeuroImage* 79 (2013): 62-71.
57. Clewett, D., Luo, S., Hsu, E., Ainslie, G., Mather, M., and Monterosso (2014) Increased functional coupling between the left fronto-parietal network and anterior insula predicts steeper delay discounting in smokers. *Human Brain Mapping*. 35 (8) 3774–3787.
58. Luo, S., Ainslie, G., Monterosso, J. (2014) The behavioral and neural effect of emotional primes on intertemporal decisions *Social Cognitive and Affective Neuroscience*. 9(3) 283-291.
59. Wang, Q., Luo, S., Monterosso, J., Jintao, Z., Xiaoyi, F., Qi, D., Xue, G., (2014) Distributed Value Representation in the Medial Prefrontal Cortex during Intertemporal Choices. *The Journal of Neuroscience*, 28 May 2014, 34(22): 7522-7530.
60. Ballard, Michael E., et al. "Low dopamine D2/D3 receptor availability is associated with steep discounting of delayed rewards in methamphetamine dependence." *International Journal of Neuropsychopharmacology* (2015): 1-10.
61. Luo, S., Monterosso, J. R., Sarpelleh, K., & Page, K. A. (2015). Differential effects of fructose versus glucose on brain and appetitive responses to food cues and decisions for food rewards. *Proceedings of the National Academy of Sciences*, 112(20), 6509-6514.
62. Lin, P. Y., Wood, W., & Monterosso, J. (2016). Healthy eating habits protect against temptations. *Appetite*, 103, 432-440.
63. Ekhtiari, H., Nasserli, P., Yavari, F., Mokri, A., & Monterosso, J. (2016). Neuroscience of drug craving for addiction medicine: From circuits to therapies. *Progress in brain research*, 223, 115-141.
64. Fletcher, A., & Monterosso, J. (2016). The Science of Free-Indirect Discourse: An Alternate Cognitive Effect. *Narrative*, 24(1), 82-103.
65. Pang, R. D., Bello, M. S., Stone, M. D., Kirkpatrick, M. G., Huh, J., Monterosso, J., & Leventhal, A. M. (2016). Premenstrual symptoms and smoking-related expectancies. *Addictive behaviors*, 57, 38-41.
66. Hofmeyr, A., Monterosso, J., Dean, A. C., Morales, A. M., Bilder, R. M., Sabb, F. W., & London, E. D. (2017). Mixture models of delay discounting and smoking behavior. *The American journal of drug and alcohol abuse*, 43(3), 271-280.
67. Luo, S., Melrose, A. J., Dorton, H., Alves, J., Monterosso, J. R., & Page, K. A. (2017). Resting state hypothalamic response to glucose predicts glucose-induced attenuation in the ventral striatal response to food cues. *Appetite*, 116, 464-470.
68. Dorton, H. M., Luo, S., Monterosso, J. R., & Page, K. A. (2017). Influences of dietary added sugar consumption on striatal food cue reactivity and postprandial GLP-1 response. *Frontiers in Psychiatry*, 8, 297.

69. Smith, B. J., Xue, F., Droutman, V., Barkley-Levenson, E., Melrose, A. J., Miller, L. C., Monterosso, J. R., Bechara, A., Appleby, P. R., Christensen, J. L., Godoy, C. G., & Read, S. J. (2018). Virtually “in the heat of the moment”: Insula activation in safe sex negotiation among risky men. *Social Cognitive Affective Neuroscience* 13(1):80-91. doi.org/10.1093/scan/nsx137.
70. Mooijman, M., Meindl, P., Oyserman, D., Monterosso, J., Dehghani, M., Doris, J. M., & Graham, J. (2018). Resisting temptation for the good of the group: Binding moral values and the moralization of self-control. *Journal of Personality and Social Psychology*, 115(3), 585-599.
71. Pang, R. D., Liautaud, M. M., Kirkpatrick, M. G., Huh, J., Monterosso, J., & Leventhal, A. M. (2018). Ovarian Hormones and Transdermal Nicotine Administration Independently and Synergistically Suppress Tobacco Withdrawal Symptoms and Smoking Reinstatement in the Human Laboratory. *Neuropsychopharmacology*, 43(4), 828.
72. Smith, B. J., Monterosso, J. R., Wakslak, C., Bechara, A., & Read, S. J. (2018, Accepted). A meta-analytical review of brain activity associated with intertemporal decisions: Evidence for an anterior- posterior tangibility axis. *Neuroscience and Biobehavioral Reviews*, 86, 85-98.
73. Luo, S., Alves, J., Hardy, K., Wang, X., Monterosso, J., Xiang, A. H., & Page, K. A. (2019). Neural processing of food cues in pre-pubertal children. *Pediatric obesity*, 14(2), e12435.
74. Christie, N., Hsu, E., Iskiwitch, C., Iyer, R., Graham, J., Schwartz, B., Monterosso, J. (2019) The moral foundations of needle exchange attitudes. *Social Cognition*, 37(3), 229-246.
75. Poppa, T., Droutman, V., Amaro, H., Black, D., Arnaudova, I., & Monterosso, J. (2019). Sexual trauma history is associated with reduced orbitofrontal network strength in substance-dependent women. *NeuroImage: Clinical*, 24, 101973.
76. Dunton, G. F., Kaplan, J. T., Monterosso, J., Pang, R. D., Mason, T. B., Kirkpatrick, M. G., ... & Leventhal, A. M. (2020). Conceptualizing Health Behaviors as Acute Mood-Altering Agents: Implications for Cancer Control. *Cancer Prevention Research*, 13(4), 343-350.
77. Chung, Y. C., Lewthwaite, R., Winstein, C. J., Monterosso, J. R., & Fisher, B. E. (2020). Expectancy and affective response to challenging balance practice conditions in individuals with Parkinson’s disease. *European Journal of Neuroscience*.
78. Davis, J. P., Janssen, T., Dworkin, E. R., Dumas, T. M., Goldbach, J., & Monterosso, J. (2020). Influences of victimization and comorbid conditions on substance use disorder outcomes in justice-involved youth: A discrete time survival mixture analysis. *Development and psychopathology*, 32(3), 1045-1058.
79. Zhang, X., Luo, S., Jones, S., Hsu, E., Page, K. A., & Monterosso, J. R. (2020). Impacts of Acute Sucralose and Glucose on Brain Activity during Food Decisions in Humans. *Nutrients*, 12(11), 3283.
80. Chung, Y. C., Lewthwaite, R., Winstein, C. J., Monterosso, J. R., & Fisher, B. E. (2020). Expectancy and affective response to challenging balance practice

- conditions in individuals with Parkinson's disease. *European Journal of Neuroscience*.
81. Zhang, X., Melrose, A. J., De Santis, O., Luo, S., Page, K. A., Hsu, E., & Monterosso, J. R. (2020). Fasting may increase incentive signaling for non-food rewards. *Nutrition Research*, 1-19.
 82. Monterosso, J. & Schwartz, B. (2020) Addiction science and the perception of freewill. *Journal for the Theory of Social Behaviour*.
 83. Cho, J., Bello, M. S., Christie, N. C., Monterosso, J. R., & Leventhal, A. M. (2021). Adolescent emotional disorder symptoms and transdiagnostic vulnerabilities as predictors of young adult substance use during the COVID-19 pandemic: mediation by substance-related coping behaviors. *Cognitive Behaviour Therapy*, 50(4), 276-294.
 84. Ge, B. B., Jann, K., Luo, S., Yunker, A. G., Jones, S., Angelo, B., Monterosso, J., & Page, K. A. (2021) Brain responses to glucose ingestion are greater in children than adults and are associated with overweight and obesity. *Obesity*, 29(12), 2081-2088.
 85. Yunker, A. G., Luo, S., Jones, S., Dorton, H. M., Alves, J. M., Angelo, B., Monterosso, J., & Page, K. A. (2021). Appetite-Regulating Hormones Are Reduced After Oral Sucrose vs Glucose: Influence of Obesity, Insulin Resistance, and Sex. *The Journal of Clinical Endocrinology & Metabolism*, 106(3), 654-664.
 86. Jones, S., Luo, S., Dorton, H. M., Angelo, B., Yunker, A. G., Monterosso, J. R., & Page, K. A. (2021). Evidence of a Role for the Hippocampus in Food-Cue Processing and the Association with Body Weight and Dietary Added Sugar. *Obesity*, 29(2), 370-378.
 87. Jones, S., Luo, S., Dorton, H. M., Yunker, A. G., Angelo, B., Defendis, A., Monterosso, JR & Page, K. A. (2021). Obesity and Dietary Added Sugar Interact to Affect Postprandial GLP-1 and Its Relationship to Striatal Responses to Food Cues and Feeding Behavior. *Frontiers in endocrinology*, 12, 197.
 88. Luo, S., Angelo, B., Chow, T., Monterosso, J. R., Xiang, A. H., Thompson, P. M., & Page, K. A. (2021). The role of maternal BMI on brain food cue reactivity in children: a preliminary study. *Brain Imaging and Behavior*, 1-10.
 89. Chen, Y. A., Demers, M., Lewthwaite, R., Schweighofer, N., Monterosso, J. R., Fisher, B. E., & Winstein, C. (2021). A Novel Combination of Accelerometry and Ecological Momentary Assessment for Post-Stroke Paretic Arm/Hand Use: Feasibility and Validity. *Journal of clinical medicine*, 10(6), 1328.
 90. Yunker, A. G., Alves, J. M., Luo, S., Angelo, B., DeFendis, A., Pickering, T. A., Monterosso, J., & Page, K. A. (2021). Obesity and sex-related associations with differential effects of sucralose vs sucrose on appetite and reward processing: a randomized crossover trial. *JAMA network open*, 4(9), e2126313-e2126313.
 91. Luo, S., Angelo, B. C., Chow, T., Monterosso, J. R., Thompson, P. M., Xiang, A. H., & Page, K. A. (2021). Associations Between Exposure to Gestational Diabetes Mellitus In Utero and Daily Energy Intake, Brain Responses to Food Cues, and Adiposity in Children. *Diabetes Care*, 44(5), 1185-1193.

92. McKenzie, R., Schwartz, B., & Monterosso, J. R. (2021). Effects of addiction science on conceived freewill and responsibility. *Addictive Behaviors*, *120*, 106955.
93. Ito, K. L., Cao, L., Reinberg, R., Keller, B., Monterosso, J., Schweighofer, N., & Liew, S. L. (2021). Validating habitual and goal-directed decision-making performance online in healthy older adults. *Frontiers in aging neuroscience*, *13*.
94. Cao, Q., Hofmeyr, A., Hsu, E., Luo, S., & Monterosso, J. (2021). Fixed attributes and discounting behavior: Effects of holding one attribute constant during an intertemporal choice task. *Experimental Psychology*, *68*(6), 305.
95. Alves, J. M., Yunker, A. G., Luo, S., Jann, K., Angelo, B., DeFendis, A., ... & Page, K. A. (2022). FGF21 response to sucrose is associated with BMI and dorsal striatal signaling in humans. *Obesity*.
96. Christie, N. C., Vojvodic, V., & Monterosso, J. (2021). The Early Impact of Social Distancing Measures on Drug Use. *Substance Use & Misuse*, *56*(7), 997-1004.
97. Droutman, V., Poppa, N., Monterosso, J., Black, D., & Amaro, H. (2022) "Association Between Dispositional Mindfulness, Clinical Characteristics, and Emotion Regulation in Women Entering Substance Use Disorder Treatment: An fMRI Study." *Mindfulness* *13*, no. 6: 1430–44.
98. Beroukhim-Kay, D., Kim, B., Monterosso, J., Lewthwaite, R., Winstein, C. (2022). Different Patterns of Neural Activity Characterize Motor Skill Performance During Acquisition and Retention. *Frontiers in Human Neuroscience*, *16*, 900405.
99. Alves, J., Yunker, A., Luo, S., Jann, K., Angelo, B., DeFendis, A., Monterosso, J. & Page, K. (2022) "FGF21 Response to Sucrose Is Associated with BMI and Dorsal Striatal Signaling in Humans." *Obesity* *30*, no. 6: 1239–47.
100. Kullmann, S., Veit, J., Jann, K., Luo, S., Angelo, B., Monterosso, J. & Page, K. (2022) "1310-P: Effects of Insulin Resistance on Brain Responses to Caloric Sugars and Nonnutritive Sweetener." *Diabetes* *71*, no. Supplement_1.
101. Vogel, E., Rebuli, M., Wong, M., Leventhal, A., Monterosso, J., & Tackett, A. (2022) "Feasibility and Acceptability of Remote Procedures to Study Tobacco Product Use and Respiratory Health: An Observational Study." *BMJ Open* *12*, no. 12: e065962.
102. Chakravarti, S., Kullmann, S., Veit, R., Yunker, A., Angelo, B., Jann, K., Luo, S., Xiang, A., Monterosso, J., & Page, K. (2023) "1536-P: Effects of Sucralose vs. Sucrose on Hypothalamic Blood Flow, Glucose Signaling, and Appetite." *Diabetes* *72*, no. Supplement_1
103. Chen, Y., Lewthwaite, R., Schweighofer, N., Monterosso, J., Fisher, B. & Winstein, C. (2023) "Essential Role of Social Context and Self-Efficacy in Daily Paretic Arm/Hand Use after Stroke: An Ecological Momentary Assessment Study with Accelerometry." *Archives of Physical Medicine and Rehabilitation* *104*, no. 3: 390–402.
104. Tackett, A., Wong, M., Cho, J., Harlow, A., Vogel, E., Han, D., Barrington-Trimis, J., McConnell, R., Budney, A., Audrain-McGovern, J, Lerman, C., Monterosso, J., Leventhal, A. (2023) "Willingness to Use Commercial

- Nicotine Gums, Lozenges, and Gummies among Nontobacco Using Adolescents in Southern California.” *Journal of Adolescent Health* 72, no. 2: 277–86.
105. Yunker, A., Chakravarti, S., Kullmann, S., Veit, R., Angelo, B., Jann, K., Monterosso, J., & Page, K. (2023) “Sweet Taste Preference Is Associated with Greater Hypothalamic Response to Glucose and Longitudinal Weight Gain.” *Physiology & Behavior* 270: 114292.
 106. Zyuzin, J., Combs, D., Monterosso, J., & Brocas., I. (2023) “The Neural Correlates of Value Representation: From Single Items to Bundles.” *Human Brain Mapping* 44, no. 4: 1476–95.
 107. Tackett., A., Han., D., Peraza, N., Whaley, R., Mason, T., Cahn, R., Hong, K., Pang, R., Monterosso, J., Leventhal, A., (in press) Effects of “Ice” Flavored E-Cigarettes with Synthetic Cooling Agent WS-23 or Menthol on User-Reported Appeal and Sensory Attribute. *BMJ Open*.

BOOK CHAPTERS

1. Ainslie, G., Monterosso, J. (2003) Hyperbolic discounting as a factor in addiction: A critical analysis. In Choice, Behavioral Economics, and Addiction. R. Vuchinich and N. Heather, Eds. p. 35-69 Pergamon/Elsevier.
2. Monterosso, J., Kalechstein, A., Cordova, X. (2007). If only the hangover preceded intoxication: An integration of behavioral economic and neuropsychological approaches to impulsive choice. In Neuropsychology and Substance Misuse: State of the Art and Future Directions. Wilfred and Kalechstein. P. 407-434 Taylor & Francis.
3. Azizian A, Monterosso J, O'Neill J, London ED. (2009) Magnetic resonance imaging studies of cigarette smoking. In *Handb Exp Pharmacol*. 2009; p. 113-43 Springer.
4. Monterosso, J. Mann, T., Ward, A., Ainslie, G., Bramen, J., Brody, A., London, E., (2009) Neural recruitment during self-control of smoking: A Pilot fMRI study. In What is Addiction? D. Ross, H. Kincaid, D. Spurrett, P. Collins, eds. p. 269-290, MIT Press.
5. Melrose, A. J., Hsu, E., & Monterosso, J. (2015). The Potent but Inconsistent Motivations Characteristic of Addiction. The Wiley Handbook on the Cognitive Neuroscience of Addiction, 440-471.
6. Arnaudova, I., Amora, H., Monterosso, J., (2018). Recovery Habits: A habit perspective on recovery from addiction. In Verplanken, B. (Ed.). *The psychology of habit: Theory, mechanisms, change, and contexts*. Cham: Springer.

COMMENTARIES and OP ED ESSAYS

1. **Monterosso, J.**, Ainslie, G. (2003) Game theory need not abandon individual maximization: Commentary on Coleman. *Behavioral and Brain Sciences*, 26:171.
2. Ainslie G, **Monterosso J.** (2003) Hyperbolic discounting lets empathy be a motivated process: Commentary on Preston and de Waal. *Behavioral and Brain Sciences*, 25:20-21.
3. Bearden C, **Monterosso J.** (2003) Catatonia isn't ready for a unified theory: Commentary on Northoff's target article. *Behavioral and Brain Sciences*, 25:579-580.
4. Ainslie G, **Monterosso J.** (2004) A marketplace in the brain? *Science*, 306: 421-423.
5. **Monterosso, J** & Langleban (2008) Homo Economicus' Soul (Commentary). *Journal of Marketing Research*, 45(6): 648-650.
6. **Monterosso, J.** Schwatz, B. (2012) Did Your Brain Make You Do It? July 27, *New York Times*.
7. **Monterosso, J.** & Luo, S. (2013) Willpower is not synonymous with executive function. Commentary on Kurzban et al. in *Behavioral and Brain Science*. 36(06) 700-701.
8. **Monterosso, J.** (2017) The trouble with gratitude (<https://thriveglobal.com/stories/the-trouble-with-gratitude/>)
9. Monterosso, J. R. (2021). Present-state dependency in valuation of the future. *Behavioral and Brain Sciences*, 44.

EDITING

1. Sharp, C., **Monterosso, J.**, Montague, R. Editors for Special issue on Neuroeconomics and Psychiatry *Biological Psychiatry*, 72 (2).

TEACHING

Primary graduate advisor for advisees:

Current:

Milad Kassaie, Shuning Wang, Natalia Peraza

Completed:

Jaclyn Ronquillo (Professor with tenure Cerritos College)
 Shan Luo (Assistant Professor of Medicine, USC)
 Louise Cosand (Medical Director in Rare Disease; Acadia Pharmaceuticals)
 Andrew James Melrose (Lead Scientist at FICO)
 Eustace Hsu (Post-Doc USC Dept of Medicine)
 Xiaobei Zhang (Post-Doc UCLA Dept of Medicine)
 Nina Christie (Post-Doc University of New Mexico)

Courses Taught

Drugs, Behavior and Society
 Clinical Neuroscience of Addiction
 Addiction and Motivated Behaviors

Science of Happiness
Social Neuroscience of Self-Control

Invited Talks (Past 5 years)

Neuroeconomics Symposium (March 2019, Pomona College) *Executive function task performance does not predict real-world self control problems.*

Center for Economic and Social Research Speaker Series (Sept 2019, USC) *Expanding the neuroscience of self-control.*

American College Health Association (June 2022, Denver) *Addressing challenges to wellbeing in college and beyond.*

SERVICE (Current Only)

Active service roles (outside Psychology Department):

Associate Director Neuroscience Graduate Program
Deputy Director of Undergraduate Neuroscience Program
Undergraduate General Education executive committee member
USC Institute for Addiction Science steering committee member
Co-Lead IAS Biobehavioral Mechanisms Affinity Group

Departmental Committees (Current Only)

BCS Faculty Search (Chair)
Quant Faculty Search (Member)
HPDH Faculty Search (Member)
Hackel Mentoring Committee (Chair)
Martins-Klein Mentoring Committee (Chair)
Piray Mentoring Committee (Member)
Stange Mentoring Committee (Member)
Beam Tenure Review Committee (Member)
Developmental Review Committee (Member)

Grant Reviews (Past 5 Years):

NIH 2019 Feb NIH NMB Review
NIH 2019,2020 June NIH BRLE Review
NIH 2022 Feb NIH NPAS
National Council on Responsible Gaming (2019,2020,2021,2022,2023)

Editorial work (current)

Handling Editor: Cognitive Processing
Associate Editor: Addiction

Honors and Fellowships

Solomon Asch Award for Outstanding Senior Thesis, 1992

Fellow at the Penn Institute for Research in Cognitive Science, 1994-1995
Outstanding Postdoctoral Presentation, Research Society on Alcohol, 2000
NRSA Postdoctoral Fellow, University of Pennsylvania, 1999-2001
USC Outstanding GE Teaching Award (Cat 4), 2008-2009
USC Outstanding GE Teaching Award (Life Sciences), 2018-2019

Membership in Professional Societies

Society for Neuroscience

American Psychological Association