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CURRICULUM VITAE

JEANNE M. McCAFFERY, Ph.D.
University of Connecticut
Department of Allied Health Sciences
358 Mansfield Rd U-1101
Koons Hall, Room 320
Storrs, CT 06269-1101
Phone: (860) 486-2190
Fax: (860) 486-5375
E-mail: jeanne.mccaffery@uconn.edu

- EDUCATION**
- 1991 Colgate University, B.A (Psychology)
 - 1998 University of Pittsburgh, M.S. (Clinical and Health Psychology)
 - 2001 Brown University Clinical Psychology Training Consortium,
Clinical Internship
 - 2001 University of Pittsburgh, Ph.D. (Clinical and Health Psychology)
- ACADEMIC EXPERIENCE**
- 2002- Assistant Professor (Research) of Psychiatry and Human Behavior
2005 Centers for Behavioral and Preventive Medicine
The Miriam Hospital
Warren Alpert School of Medicine at Brown University
 - 2005- Assistant Professor (Research) of Psychiatry and Human Behavior
2010 Weight Control and Diabetes Research Center
The Miriam Hospital
Warren Alpert School of Medicine at Brown University
 - 2010- Associate Professor (Research) of Psychiatry and Human Behavior
2017 Weight Control and Diabetes Research Center
The Miriam Hospital
Warren Alpert School of Medicine at Brown University
 - 2017- Associate Professor of Allied Health Science
University of Connecticut
- LICENSURE**
- 2002- Licensed Clinical Psychologist, Rhode Island, PS #00872
- HONORS AND AWARDS**
- 2000 Huey Dissertation Award for Excellence in Clinical Psychology,
University of Pittsburgh
 - 2000 Colavita-Weisberg Award for Excellence in Health Psychology,
University of Pittsburgh
 - 2001 American Psychological Association, Division 38, Student
Research Award
 - 2001 American Psychosomatic Society Student Travel Award
 - 2009 Bruce M. Selya Research Excellence Award,
Lifespan Hospitals

- 2011 Academy of Behavioral Medicine Research Fellow
- 2011 Award for Outstanding Contributions to Health Psychology, Junior Division, American Psychological Association, Division 38 (Health Psychology)

RESEARCH INTERESTS

Cardiovascular behavioral medicine, obesity, diet, genetics, genomics, gene x environment interaction, stress

TEACHING INTERESTS

Research Methods, Obesity From Cells to Society, Precision Medicine

UNIVERSITY TEACHING

- 1999 Course Instructor, Undergraduate Abnormal Psychology, University of Pittsburgh
- 2001- Seminar Instructor, Behavioral Genetics in Behavioral Medicine, Annual lecture in Brown University Clinical Psychology Internship Behavioral Medicine Seminar Series, The Miriam Hospital and Warren Alpert School of Medicine at Brown University
- 2006- Course Director, T32 Post-doctoral Seminar Series in Cardiovascular Behavioral Medicine, Biennial course, The Miriam Hospital and Warren Alpert School of Medicine at Brown University
- 2010- Core Faculty Member, T32 Post-doctoral Training Grant in Cardiovascular Behavioral Medicine, The Miriam Hospital and Warren Alpert School of Medicine at Brown University
- 2017
- 2012- Co-Director, T32 Post-doctoral Training Grant in Cardiovascular Behavioral Medicine, The Miriam Hospital and Warren Alpert School of Medicine at Brown University
- 2017

MENTORSHIP

- 2004 Faculty Mentor, Undergraduate Teaching and Research Assistantship (UTRA) Award to Aimee Two, “STOP! smoking: magazine-based intervention to promote smoking cessation among college students,” Brown University
- 2005- Faculty Mentor, NIH Early Career Development Award to Serina
- 2010 Neumann, Ph.D. “Depression: Autonomic-Cholinergic Mechanisms,” University of Pittsburgh
- 2009- Faculty T32 Post-doctoral Mentor, Kathryn Demos, Ph.D.
- 2011 Centers for Behavioral and Preventive Medicine, The Miriam Hospital and Warren Alpert School of Medicine at Brown

University

- 2011- Faculty T32 Post-doctoral Mentor, Kelly Strohacker, Ph.D.
2013 Centers for Behavioral and Preventive Medicine, The Miriam Hospital and Warren Alpert School of Medicine at Brown University
- 2011- Faculty Mentor, K99/R01 Career Development Award to Indrani
2014 Halder, Ph.D. “Genetics of Biobehavioral Cardiovascular Disease Risk,” University of Pittsburgh
- 2012 Faculty Mentor for Undergraduate Independent Study, Caroline Doyle, Providence College
- 2013- Faculty T32 Post-doctoral Mentor, Jennifer Maccani, Ph.D.
Centers for Behavioral and Preventive Medicine, The Miriam Hospital and Warren Alpert School of Medicine at Brown University

OTHER
APPOINTMENTS

- 2003- Ad-hoc Reviewer (15 total review panels), National Institutes for Health
- 2004 Chair, Genetic Epidemiology Workshop, American Psychosomatic Society Conference
- 2004 Chair, Genetic Epidemiology Workshop, Society for Psychophysiological Research
- 2006- Editorial Board, *Psychosomatic Medicine*
- 2005 Invited member, National Heart, Lung and Blood Institute Working Group on Behavior Genetics and Cardiovascular Disease
- 2013- Obesity Section Editor, *Current Diabetes Reports*
- 2014 Planning Committee, Workshop on “Genes, Behaviors and Weight Loss”, National Institutes for Health
- 2015- Planning Committee, “Transdisciplinary Consortium on Genes, Behaviors and Weight Loss”, National Institutes for Health

Consulting reviewer, *Psychosomatic Medicine*, *Obesity*, *International Journal of Obesity*, *Journal of the American Medical Association*, *Health Psychology*, *Archives of General Psychiatry*,

Biological Psychiatry, Psychoneuroendocrinology, Biological Psychology, American Journal of Cardiology, Annals of Behavioral Medicine, Nicotine and Tobacco Research, Psychophysiology, Hypertension, Circulation, Addiction, Preventive Medicine and Twin Research

SOCIETY
MEMBERSHIPS

Academy of Behavioral Medicine Research
American Psychological Association
American Psychological Association, Division 38 (Health Psychology)
The Obesity Society

ORIGINAL
PUBLICATIONS
IN PEER-REVIEW
JOURNALS

1. Manuck, S.B., Adams, M.R., **McCaffery, J.M.**, Kaplan, J.R (1997). Behaviorally elicited heart rate reactivity and atherosclerosis in ovariectomized cynomolgus monkeys (*Macaca fascicularis*). Arteriosclerosis, Thrombosis and Vascular Biology, 17, 1774-1779.
2. Manuck, S.B., Flory, J.D., **McCaffery, J.M.**, Matthews, K.A., Mann, J.J., Muldoon, M.F. (1998). Aggression, impulsivity and central nervous system serotonergic responsivity in a nonpatient sample. Neuropsychopharmacology, 19, 287-29.
3. Greenberg, D., **McCaffery, J.**, Potack, J.Z., Bray, G.A., York, D.A. (1999). Differential satiating effects of fats in the small intestine of obesity-resistant and obesity-prone rats. Physiology and Behavior, 66, 621-626.
4. **McCaffery, J.M.**, Pogue-Geile, M.F., Debski, T.T., Manuck, S.B. (1999). Genetic and environmental causes of covariation among serum lipids, blood pressure and body mass during young adulthood: A twin study. Journal of Hypertension, 17, 1677-1685.
5. **McCaffery, J.M.**, Muldoon, M.F., Bachen, E.A., Manuck, S.B. (2000). Behaviorally-evoked plasma catecholamine response and 24-hour excretion of urinary catecholamine among cardiac and vascular reactors. Biological Psychology, 52, 53-69.
6. **McCaffery, J.M.**, Pogue-Geile, M.F., Muldoon, M.F., Debski, T.T., Wing, R.R., Manuck, S.B. (2001). The nature of the association between diet and serum lipids in the community: a twin study. Health Psychology, 20, 341-350.
7. Raynor, D.A., Pogue-Geile, M.F., Kamarck, T.W., **McCaffery, J.M.**, Manuck, S.B. (2002). Covariation of psychosocial characteristics

associated with cardiovascular disease: genetic and environmental influences. Psychosomatic Medicine, 64, 191-203.

8. **McCaffery, J.M.**, Pogue-Geile, M.F., Ferrell, R.E., Petro, N., Manuck, S.B. (2002). Variability in α - and β -adrenergic receptor genes as a predictor of cardiovascular function at rest and in response to psychological challenge. Journal of Hypertension, 20, 1105-1114.

9. Gianaros, P. J., Bleil, M. E., Muldoon, M. F., Jennings, J. R., **McCaffery, J. M.**, Sutton-Tyrrell, K. C., Manuck, S. B. (2002). Is cardiovascular reactivity associated with atherosclerosis among hypertensives? Hypertension, 40, 742 - 747.

10. **McCaffery, J.M.**, Niaura, R., Swan, G., Carmelli, D. (2003). A study of depressive symptoms and smoking behavior in adult male twins from the NHLBI twin study. Nicotine and Tobacco Research, 5, 77-83.

11. Shen, B.J., Todaro, J.F., Niaura, R., **McCaffery, J.M.**, Zhang J., Spiro, A., Ward, K.D. (2003). Are metabolic risk factors one unified syndrome? -- Modeling the structure of the metabolic syndrome X. American Journal of Epidemiology, 157, 701-711.

12. **McCaffery, J.M.**, Niaura, R., Todaro, J.F., Swan, G., Carmelli, D. (2003). Depressive symptoms and metabolic risk in adult male twins enrolled in the National Heart, Lung and Blood Institute Twin Study. Psychosomatic Medicine, 65, 490-497.

13. **McCaffery, J.M.**, Bleil, M., Pogue-Geile, M.F., Ferrell, R.E., Manuck, S.B. (2003). Allelic variation in the serotonin transporter gene linked polymorphic region (5-HTTLPR) and cardiovascular reactivity in young adult male and female twins. Psychosomatic Medicine, 65, 721-728.

14. Shenassa, E.D., **McCaffery, J.M.**, Swan, G.E., Lyons, M., Lerman, C., Shakib, S., Mouttapa, M., Khroyan, T., Leslie, F., Buka, S.L., Niaura, R., Santangelo, S.L. (2003). Intergenerational transmission of tobacco use and dependence: A transdisciplinary perspective. Nicotine and Tobacco Research, 5 Suppl 1, S55-69.

15. Bleil, M.E., **McCaffery, J.M.**, Muldoon, M.F., Sutton-Tyrrell, K., Manuck, S.B. (2004). Anger-related personality traits and carotid artery atherosclerosis in untreated hypertensive men. Psychosomatic Medicine, 66, 633-639.

16. Rende, R. Slomkowsky, C., **McCaffery, J.**, Lloyd-Richardson, E.E., Niaura, R. (2005). A twin-sibling study of tobacco use etiology in adolescence: Etiology of individual differences and extreme scores. Nicotine and Tobacco Research, 7, 413-419.
17. Koenen, K.C., Hitsman, B., Lyons, M.J., Niaura, R., **McCaffery, J.** Goldberg, J., Eisen, S.A., Tsuang, M. (2005). A twin registry study of the relationship between nicotine dependence and posttraumatic stress disorder. Archives of General Psychiatry, 62, 1258-1265.
18. Zhang, J., Niaura, R., Todaro, J.F., **McCaffery, J.M.**, Shen, B.J., Spiro, A., Ward, K.D. (2005). Suppressed hostility predicted hypertension incidence among middle-aged men: The Normative Aging Study. Journal of Behavioral Medicine, 23, 1-12.
19. Koenen, K.C., Hitsman, B., Lyons, M.J., Stroud, L., Niaura, R., **McCaffery, J.**, Goldberg, J., Eisen, S.A., True, W., Tsuang, M. (2006). Posttraumatic stress disorder and late-onset smoking in the Vietnam-era Twin Registry. Journal of Clinical and Consulting Psychology, 74, 186 – 90.
20. Cohen, R.A., Grieve, S., Hoth, K.F., Paul, R.H., Sweet, L., Tate, D., Gunstad, J., Stroud, L., **McCaffery, J.**, Hitsman, B., Niaura, R., Clark, C.R., MacFarlane, A., Bryant, R., Gordon, E., Williams, L.M. (2006). Early life stress and morphometry of the adult anterior cingulate cortex and caudate nuclei. Biological Psychiatry, 59, 975-82.
21. Peterson, K.L., Bleil, M.E., **McCaffery, J.M.**, Mackey, R.H., Sutton Tyrell, K., Muldoon, M.F., Manuck, S.B. (2006). Community socioeconomic status is associated with carotid artery atherosclerosis in untreated, hypertensive men. American Journal of Hypertension, 19, 560-6.
22. Cohen, R.A., Paul, R.H., Stroud, L., Gunstad, J., Hitsman, B.L., **McCaffery, J.**, Sweet, L., Niaura, R., MacFarlane, A., Bryant, R.A., Gordon, E. (2006). Early life stress and adult emotional experience: an international perspective. International Journal of Psychiatry in Medicine, 36, 35-52.
23. Zhang, J., Niaura, R., Todaro, J.F., **McCaffery, J.M.**, Shen, B.J., Spiro, A., Ward, K.D. (2006). Hostility and urine norepinephrine interact to predict insulin resistance: The VA Normative Aging Study. Psychosomatic Medicine, 68, 718-726.

24. **McCaffery, J.M.**, Frasure-Smith, N., Thérroux, P., Rouleau, G.A., Duan, Q., Dubé, M-P, Lespérance, F. (2006). Common genetic vulnerability to depressive symptoms and coronary artery disease: A review of the literature and panel of potential candidate genes. Psychosomatic Medicine, 68, 187-200.
25. **McCaffery, J.M.**, Shen, B-J, Niaura, R., Muldoon, M.F., Manuck, S.B. (2007). Ambulatory blood pressure and the metabolic syndrome in normotensive and untreated hypertensive men. Metabolic Syndrome and Related Disorders, 5, 34-44.
26. David, S.P., Brown, R.A., Papandonatos, G.D., Kahler, C.W., Lloyd Richardson, E.E., Munafò, M.R., Shields, P.G., Lerman, C., Strong, D., **McCaffery, J.**, Niaura, R. (2007). Pharmacogenetic clinical trial of sustained-release bupropion for smoking cessation. Nicotine and Tobacco Research, 9, 821-33.
27. Duan, Q.L., Dubé, M-P., Frasure-Smith, N., Barhdadi, A., Lesperance, F., Thérroux, P., Saint-Onge, J., Rouleau, G.A., **McCaffery, J.M.** (2007). Obesity and *TCF7L2* variants increase risk for type 2 diabetes among cardiac patients. Diabetes Care, 30, 1621-3.
28. Otte, C., **McCaffery, J.**, Ali, S., Whooley, M.A. (2007). Association of serotonin transporter polymorphism (5-HTTLPR) with depression, perceived stress, and norepinephrine in patients with coronary disease: The Heart and Soul Study. American Journal of Psychiatry, 164, 1379-84.
29. **McCaffery, J.M.**, Papandonatos, G.P., Lyons, M.J., Koenen, K., Purcell, S., Niaura, R. (2007). Education attainment, smoking initiation and lifetime nicotine dependence among male Vietnam-era twins. Psychological Medicine, 38, 1287-97.
30. **McCaffery, J.M.**, Snieder, H., Dong, Y., de Geus, E. (2007). Genetics in psychosomatic medicine: research designs and statistical approaches. Psychosomatic Medicine, 69, 206-216.
31. **McCaffery, J.M.**, Papandonatos, G.P., Stanton, C., Lloyd-Richardson, E.E., Niaura, R. (2008). Depressive symptoms and cigarette smoking in twins from the National Longitudinal Study of Adolescent Health. Health Psychology, 27, S207-215.
32. **McCaffery, J.M.**, Duan, Q-L., Frasure-Smith, N., Barhdadi, A., Lespérance, F., Thérroux, P., Rouleau, G.A., Dubé, M-P. (2009). Genetic

predictors of depressive symptoms in cardiac patients. American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics, 150B, 381-8.

33. **McCaffery, J.M.**, Papandonatos, G.P., Lyons, M.J., Niaura, R. (2008). Educational attainment and the heritability of self-reported hypertension in Vietnam-era twins. Psychosomatic Medicine, 70, 781-786.

34. Wing, R.R., Papandonatos, G.D., Fava, J.L., Gorin, A.A., Phelan, S., **McCaffery, J.M.**, Tate, D.F. (2008). Maintaining large weight losses: The role of behavioral and psychological factors. Journal of Consulting and Clinical Psychology, 76, 1015-21.

35. Gunstad, J., Benitez, A., Hoth, K., Spitznagel, M., **McCaffery, J.**, McGeary, J., Kakos, L., Poppas, A., Paul, R., Jefferson, A.L., Sweet, L., Cohen, R. (2009). P-selectin 1087G/A polymorphism is associated with neuropsychological test performance in older adults with cardiovascular disease. Stroke, 40, 2969-72.

36. **McCaffery, J.M.**, Haley, A., Sweet, L., Phelan, S., Raynor, H., Del Parigi, S., Cohen, R.A., Wing, R.R. (2009). Differential fMRI response to food pictures in successful weight-loss maintainers relative to normal-weight and obese controls. American Journal of Clinical Nutrition, 90, 928-34.

37. **McCaffery, J.M.**, Papandonatos, G.D., Bond, D., Lyons, M.J., Wing, R.R. (2009). Gene x environment interaction of vigorous exercise and body mass index among male Vietnam-era Twins. American Journal of Clinical Nutrition, 89, 1011-8.

38. Bond D.S., Raynor H.A., **McCaffery J.M.**, Wing R.R. (2010). Salivary habituation to food stimuli in successful weight loss maintainers, obese and normal-weight adults. International Journal of Obesity, 34, 593-6.

39. Xian, H., Scherrer, J.F., Franz, C.E., **McCaffery, J.**, Stein, P.K., Lyons, M.J., Jacobsen, K., Eisen, S.A., Kremen, W.S. (2010). Genetic vulnerability and phenotypic expression of depression and risk for ischemic heart disease in the Vietnam Era Twin Study of Aging. Psychosomatic Medicine, 72, 370-5.

40. Marsland A.L., **McCaffery J.M.**, Muldoon M.F., Manuck S.B. (2010). Systemic inflammation and the metabolic syndrome among middle-aged community volunteers. Metabolism, 59, 1801-8.

41. Phelan, S., Hassentab, J., **McCaffery, J.M.**, Sweet L., Raynor H.A., Cohen R.A., Wing R.R. (2011). Cognitive Interference From Food Cues in Weight Loss Maintainers, Normal Weight, and Obese Individuals. Obesity, 19, 69-73.
42. Scherrer, J.F., Xian, H., Lustman, P.J., Franz, C.E., **McCaffery, J.**, Lyons, M.J., Jacobson, K.C., Kremen WS. (2011) A test for common genetic and environmental vulnerability to depression and diabetes. Twin Research and Human Genetics, 14, 169-72.
43. **McCaffery, J.M.**, Franz, C.E., Jacobson, K., Leahey, T.M., Xian, H., Wing, R.R., Lyons, M.J., Kremen, W.S. (2011). Effects of social contact and zygosity on 21-year weight change in male twins. American Journal of Clinical Nutrition, 94, 404-9.
44. **McCaffery, J.M.**, Jablonski, K.A., Franks, P.W., Dagogo-Jack, S., Wing, R.R., Knowler, W.C., Delahanty, L., Dabelea, D., Hamman, R., Shuldiner, A.R., Florez, J.C. (2011). *TCF7L2* polymorphism, weight loss and proinsulin:insulin ratio in the Diabetes Prevention Program. PLoS One, 6, e21518.
45. Smart-Halajko, M.C., Kelley-Hedgepeth, A., Montefusco, M.C., Cooper, J.A., Kopin, A., **McCaffery, J.M.**, Balasubramanyam, A., Pownall, H.J., Nathan, D.M., Peter, I., Talmud, P.J., Huggins, G.S. (2011). *ANGPTL4* variants E40K and T266M are associated with lower fasting triglyceride levels in Non-Hispanic White Americans from the Look AHEAD Clinical Trial. BMC Medical Genetics, 12, 89.
46. Miller, L.A., Gunstad, J., Spitznagel, M.B., **McCaffery, J.**, McGeary, J., Poppas, A., Paul, R.H., Sweet, L.H., Cohen, R.A. (2011). *CAMTA1* polymorphism is associated with neuropsychological test performance in older adults with cardiovascular disease. Psychogeriatrics, 11, 135-40.
47. Delahanty, L.M., Pan, Q., Jablonski, K.A., Watson, K.E., **McCaffery, J.M.**, Shuldiner, A., Kahn, S.E., Knowler, W.C., Florez, J.C., Franks, P.W. (2012). Genetic Predictors of Weight Loss and Weight Regain After Intensive Lifestyle Modification, Metformin Treatment, or Standard Care in the Diabetes Prevention Program. Diabetes Care, 35, 363-6.
48. Peter, I., **McCaffery, J.M.**, Kelley-Hedgepeth, A., Hakonarson, H., Reis, S., Wagenknecht, L.E., Kopin, A.S., Huggins, G.S.; Genetics Subgroup of the Look AHEAD Study (2012). Association of type 2 diabetes susceptibility loci with one-year weight loss in the look AHEAD

clinical trial. Obesity, 20, 1675-82.

49. **McCaffery, J.M.**, Papandonatos, G.D., Peter, I., Huggins, G.S., Raynor, H.A., Delahanty, L.M., Cheskin, L.J., Balasubramanyam, A., Wagenknecht, L.E., Wing, R.R. (2012). Obesity susceptibility loci and dietary intake in the Look AHEAD Trial. American Journal of Clinical Nutrition, 95, 1477-86.

50. Keary, T.A., Gunstad, J., Benitez, A., Spitznagel, M.B., **McCaffery, J.**, McGeary, J.E., Poppas, A., Paul, R.H., Sweet, L.H., Cohen, R.A. (2012). *TCF7L2* polymorphism and cognitive test performance in cardiovascular disease. Psychogeriatrics, 12, 93-8.

51. Saxena, R., Elbers, C.C., ... **McCaffery, J.**, ... (2012). Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. American Journal of Human Genetics, 90, 410-25.

52. Hassenstab, J.J., Sweet, L.H., Del Parigi, A., **McCaffery, J.M.**, Haley, A.P., Demos, K.E., Cohen, R.A., Wing R.R. (2012). Cortical thickness of the cognitive control network in obesity and successful weight loss maintenance: a preliminary MRI study. Psychiatry Research, 202, 77-9.

53. Sweet, L.H., Hassenstab, J.J., **McCaffery, J.M.**, Raynor, H.A., Bond, D.S., Demos, K.E., Haley, A.P., Cohen, R.A., Del Parigi, A., Wing, R.R. (2012). Brain response to food stimulation in obese, normal weight, and successful weight loss maintainers. Obesity, 20, 2220-5.

54. **McCaffery, J.M.**, Marsland, A.L., Strohacker, K., Muldoon, M.F., Manuck, S.B. (2012). Factor structure underlying components of allostatic load. PLoS One, 7, e47246.

55. Keary, T.A., Gunstad, J., Benitez, A., Spitznagel, M.B., **McCaffery, J.**, McGeary, J.E., Poppas, A., Paul, R.H., Sweet, L.H., Cohen, R.A. (2012) *TCF7L2* polymorphism and cognitive test performance in cardiovascular disease. Psychogeriatrics, 12, 93-8.

56. Wing R.R., Strohacker K., **McCaffery J.M.** (2012). Long-term hormonal adaptations to weight loss. Comment on N Engl J Med 2011 Oct 27;365(17):1597-604. New England Journal of Medicine, 366, 382.

57. Rhee, K.E., Phelan, S., **McCaffery, J.M.** (2012). Early determinants of obesity: genetic, epigenetic, and in utero influences. International Journal of Pediatrics, 2012, 463850.

58. Alosco, M.L., Benitez, A., Gunstad, J., Spitznagel, M.B., **McCaffery, J.M.**, McGeary, J.E., Poppas, A., Paul, R.H., Sweet, L.H., Cohen, R.A. (2013). Reduced memory in Fat Mass and Obesity Associated (*FTO*) allele carriers among older adults with cardiovascular disease. Psychogeriatrics, 13, 35-40.
59. Franz, C.E., Spoon, K., Thompson, W., Hauger, R.L., Hellhammer, D.H., Jacobson, K.C., Lupien, S., Lyons, M.J., **McCaffery, J.**, McKenzie, R., Mendoza, S.P., Panizzon, M.S., Ramundo, A., Shahroudi, A., Kremen, W.S. (2013). Adult cognitive ability and socioeconomic status as mediators of the effects of childhood disadvantage on salivary cortisol in aging adults. Psychoneuroendocrinology, 38, 2127-39.
60. Strohacker, K., Wing, R.R., **McCaffery, J.M.** (2013). Contributions of body mass index and exercise habits to inflammatory markers: a cohort study of middle-aged adults living in the USA. BMJ Open. doi:pii: e002623. 10.1136/bmjopen-2013-002623.
61. Huggins, G.S., Papandonatos, G.D., Erar, B., Belalcazar, L.M., Brautbar, A., Ballantyne, C., Kitabchi, A.E., Wagenknecht, L.E., Knowler, W.C., Pownall, H.J., Wing, R.R., Peter, I., **McCaffery, J.M.** (2013). Do Genetic Modifiers of HDL-C and Triglyceride Levels also Modify Their Response to a Lifestyle Intervention in the Setting of Obesity and Type-2 Diabetes Mellitus? The Look AHEAD Study. Circulation: Cardiovascular Genetics; 6, 391-9.
62. **McCaffery, J.M.**, Papandonatos, G.D., Huggins, G.S., Peter, I., Erar, B., Kahn, S.E., Knowler, W.C., Lipkin, E.W., Kitabchi, A.E., Wagenknecht, L.E., Wing, R.R. (2013). Human Cardiovascular Disease IBC Chip-Wide Association with Weight Loss and Weight Regain in the Look AHEAD Trial. Human Heredity, 75, 160-174.
63. **McCaffery, J.M.**, Papandonatos, G.D., Huggins, G.S., Peter, I., Kahn, S.E., Knowler, W.C., Hudnall, G.E., Lipkin, E.W., Kitabchi, A.E., Wagenknecht, L.E., Wing, R.R. (2013). *FTO* predicts weight regain in the Look AHEAD clinical trial. International Journal of Obesity, 37, 1545-52.
64. Strohacker, K., **McCaffery, J.M.**, Maclean, P.S., Wing, R.R. (2013) Adaptations of leptin, ghrelin or insulin during weight loss as predictors of weight regain: a review of current literature. International Journal of Obesity, 38, 388-96.
65. Peter, I., Papandonatos, G.D., Belalcazar, L.M., Yang, Y., Erar, B., Jakicic, J.M., Unick, J.L., Balasubramanyam, A., Lipkin, E.W., Delahanty,

- L.M., Wagenknecht, L.E., Wing, R.R., **McCaffery, J.M.**, Huggins, G.S. (2014). Genetic modifiers of cardiorespiratory fitness response to lifestyle intervention. Medicine and Science in Sports and Exercise, 46, 302-11
66. Mezick, E.J., Wing, R.R., **McCaffery, J.M.** (2014). Associations of Self-Reported and Actigraphy-Assessed Sleep Characteristics with Body Mass Index and Waist Circumference in Adults: Moderation by Gender. Sleep Medicine, 15, 64-70.
67. Yoneyama, S., Guo, Y.,...**McCaffery, J.**... (2014). Gene-centric meta-analyses for central adiposity traits in up to 57 412 individuals of European descent confirm known loci and reveal several novel associations. Human Molecular Genetics, 23, 2498-510.
68. Panizzon, M.S., Hauger, R., Xian, H., Vuoksimaa, E., Spoon, K.M., Mendoza, S.P., Jacobson, K.C., Vasilopoulos, T., Rana, B.K., McKenzie, R., **McCaffery, J.M.**, Lyons, M.J., Kremen, W.S., Franz, C.E. (2014). Interaction of *APOE* genotype and testosterone on episodic memory in middle-aged men. Neurobiology of Aging, 35, 1778.
69. Rana, B.K., Dhamija, A., Panizzon, M.S., Spoon, K.M., Vasilopoulos, T., Franz, C.E., Grant, M.D., Jacobson, K.C., Kim, K., Lyons, M.J., **McCaffery, J.M.**, Stein, P.K., Xian, H., O'Connor, D.T., Kremen, W.S. (2014). Imputing Observed Blood Pressure for Antihypertensive Treatment: Impact on Population and Genetic Analyses. American Journal of Hypertension, 27, 828-37.
70. Xu, X., Clark, U.S., David, S.P., Mulligan, R.C., Knopik, V.S., McGeary, J., Mackillop, J., **McCaffery, J.**, Niaura, R.S., Sweet, L.H. (2014). The Effects of Nicotine Deprivation and Replacement on BOLD-fMRI Response to Smoking Cues as a Function of *DRD4* VNTR Genotype. Nicotine and Tobacco Research, 16, 939-47.
71. Kremen, W.S., Panizzon, M.S., Franz, C.E., Spoon, K.M., Vuoksimaa, E., Jacobson, K.C., Vasilopoulos, T., Xian, H., **McCaffery, J.M.**, Rana, B.K., Toomey, R., McKenzie, R., Lyons, M.J. (2014). Genetic complexity of episodic memory: A twin approach to studies of aging. Psychology in Aging, 29, 404-17.
72. Manuck, S.B., **McCaffery, J.M.** (2014). Gene-environment interaction. Annual Review of Psychology, 65, 41-70.

73. Huang, Y.T., Maccani, J.Z., Hawley, N.L., Wing, R.R., Kelsey, K.T., **McCaffery, J.M.** (2014). Epigenetic patterns in successful weight loss maintainers: a pilot study. International Journal of Obesity, 39, 865-8.
74. Belalcazar, L.M., Papandonatos, G.D., **McCaffery, J.M.**, Peter, I., Pajewski, N.M., Erar, B., Allred, N.D., Balasubramanyam, A., Bowden, D.W., Brautbar, A., Pi-Sunyer, F.X., Ballantyne, C.M., Huggins, G.S. (2015). A common variant in the CLDN7/ELP5 locus predicts adiponectin change with lifestyle intervention and improved fitness in obese individuals with diabetes. Physiological Genomics, 47, 215-24.
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76. **McCaffery, J.M.**, Papandonatos, G.D., Faulconbridge, L.F., Erar, B., Peter, I., Wagenknecht, L.E., Pajewski, N.M., Anderson, A., Wadden, T.A., Wing, R.R.; Look AHEAD Research Group (2015). Genetic Predictors of Depressive Symptoms in the Look AHEAD Trial. Psychosomatic Medicine, 77, 982-92.
77. Papandonatos, G.D., Pan, Q., Pajewski, N.M., Delahanty, L.M., Peter, I., Erar, B., Ahmad, S., Harden, M., Chen, L., Fontanillas, P.; GIANT Consortium, Wagenknecht, L.E., Kahn, S.E., Wing, R.R., Jablonski, K.A., Huggins, G.S., Knowler, W.C., Florez, J.C., **McCaffery, J.M.**, Franks, P.W.; Diabetes Prevention Program and the Look AHEAD Research Groups (2015). Genetic Predisposition to Weight Loss and Regain With Lifestyle Intervention: Analyses From the Diabetes Prevention Program and the Look AHEAD Randomized Controlled Trials. Diabetes, 64, 4312-21.
78. Belalcazar, L.M., Papandonatos, G.D., Erar, B., Peter, I., Alkofide, H., Balasubramanyam, A., Brautbar, A., Kahn, S.E., Knowler, W.C., Ballantyne, C.M., **McCaffery, J.M.**, Huggins, G.S.; Genetics Subgroup of the Look AHEAD Study (2016). Lifestyle Intervention for Weight Loss and Cardiometabolic Changes in the Setting of Glucokinase Regulatory Protein (GCKR) Inhibition: GCKR-Leu446Pro Variant in Look AHEAD. Circulation: Cardiovascular Genetics, 9, 71-8.
79. Ranzenhofer, L.M., Engel, S.G., Crosby, R.D., Haigney, M., Anderson, M., **McCaffery, J.M.**, Tanofsky-Kraff, M. (2016). Real-time

assessment of heart rate variability and loss of control eating in adolescent girls: A pilot study. International Journal of Eating Disorders, 49, 197-201

80. Bray, M.S., Loos, R.J., **McCaffery, J.M.**, Ling, C., Franks, P.W., Weinstock, G.M., Snyder, M.P., Vassy, J.L., Agurs-Collins, T.; Conference Working Group (2016). NIH working group report-using genomic information to guide weight management: From universal to precision treatment. Obesity (Silver Spring), 24, 14-22.

81. Look AHEAD Research Group (Huggins, G.S., ... **McCaffery, J.M.** et al., 2016). Prospective association of *GLUL* rs10911021 with cardiovascular morbidity and mortality among individuals with type 2 diabetes: The Look AHEAD study. Diabetes, 65, 297-302

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83. **McCaffery, J.M.**, Huggins, G.S. (2016). Response to Comment on The Look AHEAD Research Group. Prospective Association of *GLUL* rs10911021 With Cardiovascular Morbidity and Mortality Among Individuals With Type 2 Diabetes: The Look AHEAD Study. Diabetes 2016;65:297-302. Diabetes, 65, e30.

84. Livingstone, K.M., Celis-Morales, C., Papandonatos, G.D., Erar, B., Florez, J.C., Jablonski, K.A., Razquin, C., Marti, A., Heianza, Y., Huang, T., Sacks, F.M., Svendstrup, M., Sui, X., Church, T.S., Jääskeläinen, T., Lindström, J., Tuomilehto, J., Uusitupa, M., Rankinen, T., Saris, W.H., Hansen, T., Pedersen, O., Astrup, A., Sørensen, T.I., Qi, L., Bray, G.A., Martinez-Gonzalez, M.A., Martinez, J.A., Franks, P.W., **McCaffery, J.M.**, Lara, J., Mathers, J.C. (2016). FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. British Medical Journal, 354, i4704.

85. **McCaffery, J.M.**, Jablonski, K.A., Franks, P.W., Delahanty, L.M., Aroda, V., Marrero, D., Hamman, R.F., Horton, E., Dagogo-Jack, S., Wylie-Rosett, J., Barrett-Connor, E., Kitabchi, A., Knowler, W.C., Wing, R.R., Florez, J.C. and the Diabetes Prevention Program Research Group (2017). Replication of the association of *BDNF* and *MC4R* variants with dietary intake in the Diabetes Prevention Program. Psychosomatic Medicine, 79, 224-233.

86. Rapp, S.R., Luchsinger, J.A., Baker, L.D., Blackburn, G.L., Hazuda, H.P., Demos-McDermott, K.E., Jeffery, R.W., Keller, J.N., **McCaffery, J.M.**, Pajewski, N.M., Evans, M., Wadden, T.A., Arnold, S.E., Espeland, M.A.; Look AHEAD Research Group. (2017). Effect of a Long-Term Intensive Lifestyle Intervention on Cognitive Function: Action for Health in Diabetes Study. Journal of the American Geriatric Society, 65, 966-972.

87. Demos, K.E., **McCaffery, J.M.**, Thomas, J.G., Mailloux, K.A., Hare, T.A., Wing, R.R. (2017). Identifying the mechanisms through which behavioral weight-loss treatment improves food decision-making in obesity. Appetite, 114, 93-100.

BOOK
CHAPTERS

1. **McCaffery, J.M.** (2008). Genetic factors in psychophysiological research. In Lueken, L.J. & Gallo, L.C. (Eds), *Handbook of Physiological Research Methods in Health Psychology*. Sage Publications, Thousand Oaks, CA.

2. **McCaffery, J.M.** (2010). How genetics will change medicine and health psychology. In Suls, J., Davidson, K. & Kaplan, R.M. (Eds.), *Handbook of Health Psychology*. Guilford Press.

3. Manuck, S.B., **McCaffery, J.M.** (2010). Genetics of Stress: Gene-Stress Correlation and Interaction. In Steptoe, A (Ed.), *Handbook of Behavior Medicine: Methods and Applications*. Springer.

4. Nolte, I.M., **McCaffery, J.M.**, Snieder, H. (2010). Candidate gene and genome-wide association studies in behavioral medicine. In Steptoe, A (Ed.), *Handbook of Behavior Medicine: Methods and Applications*. Springer.

5. **McCaffery, J.M.** (2011). Genetic epidemiology of stress and gene x stress interaction. In Contrada, R.J. & Baum, A (Eds.), *The Handbook of Stress Science: Biology, Psychology and Health*, Springer.

ABSTRACTS

1. French, S.J., **McCaffery, J.**, Greenberg, D. (1994). Lick rates during satiety elicited by duodenal linoleic infusions in Zucker rats. Poster session presented at the Society for Ingestive Behaviors Conference, Hamilton, ON.

2. French, S.J., **McCaffery, J.**, Greenberg, D. (1994). Increasing viscosity potentiates the satiating effects of intralipid in sham feeding rats. Poster session presented at the Society for Neuroscience Conference, Miami, FL.

3. **McCaffery, J.**, French, S.J., Greenberg, D. (1994). Differential satiety effects after duodenal infusions of medium chain fatty acids in sham feeding rats. Poster session presented at the Society for Ingestive Behaviors Conference, Hamilton, ON.
4. **McCaffery, J.**, French, S.J., Greenberg, D., Joh, T.H., Smith, G.P., Strohmayer, A.J., Houpt, T.A. (1994). Intestinal infusions of specific fats induce c-fos in the NTS of rats. Poster session presented at the Society for Neuroscience Conference, Miami, FL.
5. **McCaffery, J.M.**, Muldoon, M.F., Debski, T.T., Manuck, S.B. (1997). Metabolic and anthropometric features of groups with differing patterns of hemodynamic reactivity to mental stress. Poster session presented at the Society of Behavioral Medicine Conference, San Francisco, CA.
6. **McCaffery, J.M.**, Muldoon, M.F., Sutton-Tyrrell, K., Lassila, H.C., Terrell, D.F., Manuck, S.B. (1997). The relationship of 24-hour urinary catecholamines to preclinical carotid atherosclerosis in white male hypertensives. Poster session presented at the American Psychosomatic Society Conference, Santa Fe, NM.
7. Barger, S.D., Sutton-Tyrrell, K., Muldoon, M.F., Terrell, D.F., **McCaffery, J.M.**, Lassila, H.C., Manuck, S.B. (1997). The relationship between hostility, anger, and atherosclerosis among men with untreated hypertension. Poster session presented at the Society of Behavioral Medicine Conference, San Francisco, CA.
8. **McCaffery, J.M.**, Manuck, S.B. (1998). The breadth of expression of behaviorally-elicited cardiovascular reactivity: Generalization to the cold pressor test and isometric exercise. Paper session presented at the American Psychosomatic Society Conference, Clearwater, FL.
9. Ewing, L.J., Ringham, R.M., **McCaffery, J.M.**, Marcus, M.D., Murray, P.J. (1999). Behavioral weight control for obese adolescent women in the primary care setting. Poster session presented at the International Life Sciences Institute, Childhood Obesity: Partnerships for Research and Prevention, Emory University, Atlanta, GA.
10. **McCaffery, J.M.**, Pogue-Geile, M.F., Debski, T.T., Manuck, S.B. (1999). Non-shared environmental correlation of dietary caloric and fat intake with serum lipid concentrations: A twin study. Paper session presented at the American Psychosomatic Society Conference, Vancouver, BC.

11. Thompson, H.S., Kamarck, T.W., Manuck, S.B., **McCaffery, J.M.**, Debski, T. (1999). The association between cardiovascular reactivity and atherosclerosis in African-American adults: Income as a moderating variable. Paper session presented at the American Psychosomatic Society Conference, Vancouver, BC.
12. Bleil, M.E., Muldoon, M.F., Sutton-Tyrrell, K., **McCaffery, J.M.**, Manuck, S.B. (2001). Anger and carotid artery disease in untreated hypertensive men. Paper session presented at the American Psychosomatic Society Conference, Monterey, CA.
13. **McCaffery, J.M.**, Pogue-Geile, M.F., Ferrell, R.E., Debski, T.T., Petro, N., Manuck, S.B. (2001). Variability in beta-adrenergic receptor genes as a predictor of blood pressure at rest and in response to psychological challenge. Paper session presented at American Psychosomatic Society Conference, Monterey, CA.
14. **McCaffery, J.M.**, Niaura, R., Todaro, J.F., Carmelli, D., Swan, G. (2001). The association between depressive symptoms and common variance among metabolic risk factors for cardiovascular disease: results from the NHLBI twin study. Paper session presented at the Behavior Genetics Association Conference, Cambridge, UK.
15. Bleil, M.E., Muldoon, M.F., **McCaffery, J.M.**, Manuck, S.B. (2002). White coat hypertension and quality of life. Poster session presented at American Psychosomatic Society Conference, Barcelona, Spain.
16. Gianaros, P.J., Bleil, M.E., Muldoon, M.F., Jennings, J.R., **McCaffery, J.M.**, Sutton-Tyrrell, K.C., Manuck, S.B. (2002). Diastolic blood pressure reactivity to laboratory stressors is associated with increased subclinical atherosclerosis in untreated hypertensive individuals. Poster session presented at American Psychosomatic Society Conference, Barcelona, Spain.
17. Manuck, S.B., Bleil, M.E., **McCaffery, J.M.**, Ferrell, R.E., Pogue-Geile, M.F. (2002). Variation in the serotonin transporter gene as a predictor of behaviorally-evoked cardiovascular reactivity. Paper session presented at American Psychosomatic Society Conference, Barcelona, Spain.
18. **McCaffery, J.M.**, Niaura, R., Swan, G., Carmelli, D. (2002). A study of depressive symptoms and smoking behavior in adult male twins from the NHLBI twin study. Paper session presented at American Psychosomatic Society Conference, Barcelona, Spain.

19. **McCaffery, J.M.**, Niaura, R. Swan, G.E., Carmelli, D. (2003). Education level, health behaviors and age at death among adult male twins enrolled in the NHLBI Twin Study. Poster session presented at the American Psychosomatic Society Conference, Phoenix, AZ.
20. Papandonatos, G.P., **McCaffery, J.M.**, Stanton, C., Richardson, E.E., Niaura, R. (2005). Covariation of depressive symptoms and smoking behavior in adolescent twins. Paper session presented at the Society for Nicotine and Tobacco Research conference, Prague, Czech Republic.
21. **McCaffery, J.M.**, Papandonatos, G.P., Lyons, M.J., Koenen, K., Hitsman, B., Niaura, R. (2005). Education level moderates the heritability of nicotine dependence in Vietnam-era twins. Paper session presented at the Society for Nicotine and Tobacco Research conference, Prague, Czech Republic.
22. **McCaffery, J.M.**, Shen, B-J., Niaura, R., Muldoon, M.F., Manuck, S.B. (2005). Blood pressure and the metabolic syndrome in normotensive and untreated hypertensive men. Paper session presented at the American Psychosomatic Society conference, Vancouver, BC.
23. **McCaffery, J.M.**, Papandonatos, G.P., Lyons, M.J., Niaura, R. (2005). Education level moderates the heritability of hypertension in Vietnam-era twins. Paper session presented at the American Psychosomatic Society conference, Vancouver, BC.
24. **McCaffery, J.M.**, Lloyd-Richardson, E.E., Niemeier, H.M., Wing, R.R. (2005). Stability of body mass index from Adolescence to young adulthood in twins and siblings from the National Longitudinal Study of Adolescent health (Add Health). Paper session presented at the North American Association for the Study of Obesity conference, Vancouver, B.C.
25. **McCaffery, J.M.**, Papandonatos, G.P., Santangelo, S., Lyons, M., Niaura, R., Abrams, D., Tsuang, M., Buka, S. (2005). Gene x environment interaction and smoking behavior in the New England Family Study: 5-HTT, housing density and mothers' age at birth. Poster session presented at the World Congress for Psychiatric Genetics, Boston, MA.
26. **McCaffery, J.M.**, Duan, Q., Frasure-Smith, N., Dube, M-P., Theroux, P., Rouleau, G., Lesperance, F. (2006). Serotonin transporter polymorphism and depression among acute coronary syndrome patients. Poster session presented at the American Psychosomatic Society, Denver,

CO.

27. **McCaffery, J.M.**, Phelan, S., Hill, J.O., Wing, R.R. (2006). Family history, physical activity and weight regain in the National Weight Control Registry. Poster session presented at the North American Association for the Study of Obesity conference, Boston, MA.

28. **McCaffery, J.M.**, Dube, M-P., Duan, Q., Lesperance, F., Rouleau, G., Theroux, P, Frasure-Smith, N. (2007). Genetic predictors of depression in cardiovascular disease. Symposium session presented at the American Psychosomatic Society conference, Budapest, Hungary.

29. **McCaffery, J.M.**, Dube, M-P., Duan, Q., Lesperance, F., Rouleau, G., Theroux, P, Frasure-Smith, N. (2007). Genetic predictors of depression in cardiovascular disease: gene x sex interaction. Poster presented at The World Congress for Psychiatric Genetics, New York, NY.

30. **McCaffery, J.M.**, Gorin, A., Phelan, S., Wing, R.R. (2007). Genetic testing for type 2 diabetes and behavioral weight loss. Poster presented at North American Association for the Study of Obesity conference, New Orleans, LA.

31. **McCaffery, J.M.**, McGeary, J., Tate, D.F., Jerskey, B., Cohen, R. (2008). Variation within *VWF* gene predicts subcortical disease among cardiac patients. Paper presented at the American Psychosomatic Society conference, Baltimore, M.D.

32. **McCaffery, J.M.**, Haley, A., Sweet, L., Phelan, S., Raynor, H., Del Parigi, A., Cohen, R., Wing, R.R (2008). Differential fMRI activation to food pictures among successful weight losers relative to normal weight and obese individuals. Paper presented at The Obesity Society, Phoenix, AZ.

33. **McCaffery, J.M.**, Franz, C.E., Jacobson, K., Leahey, T.M., Xian, H., Wing, R.R., Lyons, M.J., Kremen, W.S. (2011). Twenty year weight gains in young adult Vietnam-era Twins: The effects of frequency of contact. Poster presented at The Obesity Society conference, San Diego, CA.

34. **McCaffery, J.M.**, Franz, C.E., Jacobson, K., Leahey, T.M., Xian, H., Wing, R.R., Lyons, M.J., Kremen, W.S. (2011). Effects of social contact and zygosity on 21-year weight change in male twins. Paper presented at the Behavior Genetic Association conference, Newport, R.I.

35. Logue, M.W., Bauvera, S.R., Kremen, W.S., Franz, C.E., Eisen, S.A., Tsuang, M.T., **McCaffery, J.M.**, Grant, M.D., Lyons, M.J. (2011). A sample of male-male twin pairs indicates genetic overlap in the causes of hypertension and panic attacks. Poster presented at the Behavioral Genetic Association Annual Conference, Newport, R.I.
36. **McCaffery, J.M.**, Papandonatos, G.D., Huggins, G.H., Peter, I., Kahn, S.E., Knowler, W.C., Evans-Hudnall, G., Lipkin, E., Kitabchi, A., Wagenknecht, L.E., Wing, R.R. (2011). *BDNF* rs6265 predicts weight loss in response to lifestyle intervention in the Look AHEAD trial. Poster presented at The Obesity Society, Orlando, FL.
37. **McCaffery, J.M.**, Papandonatos, G.D., Huggins, G.S., Peter, I., Kahn, S.E., Knowler, W.C., Evans-Hudnall, G., Lipkin, E., Kitabchi, A., Wagenknecht, L.E., Wing, R.R. (2012). Human CVD (IBC) chip-wide analysis of weight loss in response to lifestyle intervention in the Look AHEAD Study. Poster presented at The Obesity Society, San Antonio, TX.
38. **McCaffery, J.M.**, Panizzon, M.S., Franz, C.E., Spoon, K., Hauger, R.L., Sailors, M., Kremen, W.S., Lyons, M.J. (2013). Confirmatory genetic factor analysis of the metabolic syndrome in the Vietnam-era Twin Study of Aging. Paper presented at The Behavior Genetic Association Annual Conference, Marseilles, France.
39. **McCaffery, J.M.**, Huang, Y.T., Hawley, N.L., Wing, R.R., Kelsey, K.T. (2013). DNA methylation patterns in blood from successful weight loss maintainers resemble normal weight individuals and differ from obese individuals. Poster presented at The Obesity Society Conference, Atlanta, GA
40. **McCaffery, J.M.**, Ordovas, J.M., Huggins, G.S., Espeland, M.A., Tate, D.F., Wing, R.R. (2016). Weight gain prevention treatments buffer the impact of *CETP* rs3764261 on high density lipoprotein cholesterol reduction in young adulthood: the Study of Novel Approaches to Weight Gain Prevention (SNAP). Poster presented at The Obesity Society conference, New Orleans, LA
41. **McCaffery, J.M.**, Huang, Y-T, Kelsey, K.T., Wing, R.R. (2017). Obesity-related DNA Methylation in *ABCG1* and *HIF3A* in Successful Weight Loss Maintainers. Poster to be presented at The Obesity Society Conference, Washington D.C.

NATIONAL
INVITED
PRESENTATIONS

1. **McCaffery, J.M.** (2002). Overview of statistical approaches in behavioral genetics. Behavioral medicine in the 21st century: implications of the human genome project for behavioral medicine. Workshop session presented at the Society for Behavioral Medicine Conference, Washington, D.C.
2. **McCaffery, J.M.** (2003). Pharmacogenetics of Smoking Cessation Part 1: Behavioral Therapies. Genetics in Primary Care: A Brown-Oxford Transatlantic Videoconference. Rhode Island Hospital, Brown Medical School, Providence, RI
3. **McCaffery, J.M.** (2003). Genes and environment in cardiovascular behavioral medicine. University of Pittsburgh, Pittsburgh, PA.
4. **McCaffery, J.M.** (2003). Genetics in cardiovascular behavioral medicine. University of Montreal, Montreal, QC.
5. **McCaffery, J.M.**, de Geus, E., Dong, Y., Flory, J., Snieder, H. (2004). Genetics of psychosomatic traits. Workshop session presented at the American Psychosomatic Society conference in Orlando, FL.
6. **McCaffery, J.M.**, de Geus, E., Dong, Y., Flory, J., Snieder, H. (2004). Genetics in the psychophysiological laboratory. Workshop session presented at the Society for Psychophysiological Research conference in Sante Fe, N.M.
7. **McCaffery, J.M.** (2005). Genetic comorbidity and the metabolic syndrome. Academy of Behavioral Medicine Research, Wheeling, W.V.
8. **McCaffery, J.M.** (2005). Study Design: Are the classic twin, sibling, and family studies still useful in the era of molecular genetics and how can molecular genetics be incorporated in twin studies? NHLBI Working Group on Behavior Genetics and Cardiovascular Disease.
9. **McCaffery, J.M.**, Dube, M-P., Duan, Q., Lesperance, F., Rouleau, G., Theroux, P, Frasure-Smith, N. (2007). Genetic predictors of depression in cardiovascular disease. Invited presentation at the Department of Psychiatry and Human Behavior Annual Research Day.
10. **McCaffery, J.M.**, Dube, M-P., Duan, Q., Lesperance, F., Rouleau, G., Theroux, P, Frasure-Smith, N. (2007). Genetic predictors of depression in cardiovascular disease. Invited presentation at the International Society for Psychoneuroendocrinology.

11. **McCaffery, J.M.** (2008). Genetic predictors of depression in cardiac patients. Invited presentation at Columbia University Department of Medicine.
12. **McCaffery, J.M.** (2010). Genetics in Behavioral Medicine. Invited presentation at the Lifespan Hospitals Annual Research Day, Bruce M. Seyla Research Excellence Award.
13. **McCaffery, J.M.** (2010). Gene, Environment Interactions in Stress. Invited presentation at the American Psychosomatic Society Minimedical School Preconference Workshop, Portland, OR.
14. **McCaffery, J.M.** (2012). Gene x Environment Interaction: Contribution of Randomized Clinical Trials. Invited presentation at the Methodological and Statistical in Gene-Environment Workshop, University of Georgia.
15. **McCaffery, J.M.** (2012). Interplay of genetic and environmental factors in obesity and weight loss. Invited presentation at the Center for Obesity Research and Education Seminar Series, Temple University.
16. **McCaffery, J.M.** (2012). Interplay of genetic and environmental factors in obesity. Invited presentation at the 16th Annual Diversity Week at the University of Rhode Island.
17. **McCaffery, J.M.** (2013). Targets in aging gene x environment interaction research. Invited presentation at the Academy of Behavioral Medicine Research Conference, Monterey, CA.
18. **McCaffery, J.M.** (2014). Genetics and Genomics in Psychosomatic Medicine. Invited presentation at the American Psychosomatic Society Minimedical School Preconference Workshop, San Francisco, CA.
19. **McCaffery, J.M.** (2014). Genetics of Weight Loss. Invited presentation at the Genes, Behaviors and Weight Loss Workshop, National Institutes of Health.
20. **McCaffery, J.M.** (2014). Gene x environment interaction: The Look AHEAD Study. Invited presentation at Challenges of Replication in Gene x Environment Interaction Workshop, National Institutes of Health.
21. **McCaffery, J.M.** (2015). Precision Medicine in Obesity: Implications for Behavioral Weight Loss Treatment. Invited presentation at the World Diabetes Congress, Vancouver, BC.

22. **McCaffery, J.M.** (2016). Precision Medicine in Weight Management. Invited presentation at The Obesity Society, New Orleans, LA.

23. **McCaffery, J.M.** (2016). Precision Medicine in Weight Management. Invited presentation at The Academy for Behavioral Medicine, Sante Fe, NM.

GRANT SUPPORT: ONGOING R21 DK109225-01 (Principal Investigator) 04/01/16 - 03/31/18
NIH/NIDDK \$150,000 annual
“Salivary Amylase Gene (AMY1) as Predictor of Weight and Diet in Look AHEAD and DPP”.

The primary goal of this grant is to determine whether copy number variation in the region of the salivary amylase gene predicts body weight, weight loss, dietary intake and glycemic control in a racially and ethnically diverse overweight or obese individuals with type 2 diabetes or at risk for type 2 diabetes.

GRANT SUPPORT: COMPLETED U01 DK056992-17 (Co-investigator) 02/17/16 - 01/31/21
NIH/NIDDK
“Action for Health in Diabetes Extension Study Research”

The purpose of this study is to investigate the health outcomes of long-term weight loss and maintenance.

U01 CA150387 (Co-Investigator) 9/28/09 – 8/31/15
NIH/NCI \$689,582 annual

“Increasing Sleep Duration: A Novel Approach to Weight Control.”

The primary goal of this grant is to translate basic science on sleep and obesity to clinical intervention.

U01 DK056992 (Co-Investigator) 9/30/99 – 7/30/15
NIH/NIDDK \$825,735 annual

“Study of Health Outcomes of Weight Loss-SHOW Trial.” The purpose of this study is to investigate the health outcomes of long-term weight loss and maintenance.

DiaComp Feasibility Study Subaward 10/1/13 – 9/30/14
NIH/NIDDK (Principal Investigator) \$65,440 annual

“Gene-Environment Interaction in Diabetic Nephropathy: The Look AHEAD Trial.” The purpose of the study is the investigate genetic predictors of diabetic nephropathy among overweight individuals with type 2 diabetes in the Look AHEAD Trial

3U01 DK056992-14S1 (Co-Principal Investigator) 8/1/09 – 7/31/14
NIH/NIDDK \$197,109 annual
“Gene x Behavior Interaction in the Look AHEAD Study.” The primary goal of this grant is to identify genetic markers that interact with behavioral weight loss treatment to predict the extent of weight loss.

R01 DK090043 (Principal Investigator) 3/1/11 – 2/28/14
NIH/NIDDK \$125,904 annual
“Genetic and Behavioral Effects on High-Density Lipoprotein: The Look AHEAD Study.” This grant will examine whether genetic markers associated with high-density lipoprotein cholesterol alter the impact of behavioral weight loss intervention on high-density lipoprotein cholesterol.

R01 AG018384-09 (Co-Investigator) 8/15/08 – 8/31/13
NIH/NIA \$12,186 annual
“The VETSA Longitudinal Twin Study of Cognition and Aging.” The primary goal of this grant is to study genetic and environmental contributions to change in cognitive function.

P01 HL040962 (Co-Investigator) 9/7/07 – 1/31/13
NIH/NHLBI \$14,825 annual
“Biobehavioral Studies of Cardiovascular Disease.” This grant is designed to examine the biobehavioral predictors of cardiovascular risk factors and disease.

X01 HG006659 (Co-Principal Investigator) 12/1/11 – 11/30/12
NIH/NIDDK Genotyping resource grant
“Genetic and Behavioral Effects on High-Density Lipoprotein: The Look AHEAD Study.” This grant is designed to genotype more than 200,000 single nucleotide polymorphism related to cardiovascular disease, serum lipids and related traits in the Look AHEAD cohort.

R01 NS052470 (Co-Investigator) 7/1/07 – 6/30/12
NIH/NINDS \$11,955 annual
“Neurocognitive markers of cognitive decline.” This grant is designed to examine genetic and MRI predictors of cognitive decline.

Department of Psychiatry (Role: Principal Investigator) 9/1/07 – 8/31/09
Brown Medical School \$20,000 annual
“Endothelial mechanisms of depression in heart disease.” This grant evaluates endothelial mechanisms as predictors of depression in cardiac patients.

P50 CA084719 (Co-Investigator) 9/30/99-7/31/09
 NIH/NCI \$25,500 annual
 “Nicotine Dependence: Phenotype, Endophenotype, Contexts.” This grant is designed to examine genetic and environmental predictors of nicotine dependence.

R01 DK066787-02S2 (Co-Investigator) 1/1/05 – 12/31/07
 NIH/NIDDK \$150,000 annual
 “Long-term weight loss maintenance: functional imaging.” This grant examines fMRI BOLD response in brain regions related reward among people who have lost weight and maintained the weight loss and obese and normal weight controls.

R21 HL077442 (Principal Investigator) 8/01/04-7/31/06
 NIH/NHLBI \$100,000 annual
 “Genetic predictors of comorbid depressive symptoms and CAD.” The primary goal of this application is to examine candidate genes that may contribute to depressive symptoms, CAD or both.

R01 HL072819 (Principal Investigator) 6/01/04 – 5/31/06
 NIH/NHLBI \$150,000 annual
 “SES, health behaviors and early CVD in Vietnam-era Twins.” This grant is designed to examine the extent to which socioeconomic status predicts health behaviors and CVD in Vietnam-era Twins.

SERVICE 2003- Program Committee, American Psychosomatic Society
 2006

2006- Membership Committee, American Psychosomatic Society
 2011

2009- Membership Committee Chair, American Psychosomatic Society
 2011

2011 Member, Search Committee, Director of the Centers for Behavioral and Preventive Medicine