

CURRICULUM VITAE - GREGORY E. MILLER

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EDUCATION

2000	Post-Doc	Health Psychology	Carnegie Mellon University
1998	Ph.D.	Clinical Psychology	University of California, Los Angeles
1997	Internship	Clinical Psychology	Western Psychiatric Institute & Clinic
1995	M.A.	Clinical Psychology	University of California, Los Angeles
1993	B.A., <i>Cum Laude</i>	Psychology	University of California, Los Angeles

EMPLOYMENT

2012 -	Professor, Departments of Psychology and Medical Social Sciences, Faculty Fellow, Institute for Policy Research, Northwestern University
2010 - 2012	Professor, Department of Psychology, University of British Columbia
2009 - 2010	Visiting Scholar, Department of Psychology, Stanford University
2005 - 2010	Associate Professor, Department of Psychology, University of British Columbia
2003 - 2005	Assistant Professor, Department of Psychology, University of British Columbia
2000 - 2003	Assistant Professor, Department of Psychology, Washington University in St. Louis

HONORS & AWARDS

2015	George A. Miller Award (for outstanding article in general psychology - Miller, Chen, & Parker, 2011, Psychological Bulletin)
2015	President, Academy of Behavioral Medicine Research
2010	Killam Research Prize, University of British Columbia
2009	Killam Sabbatical Award, University of British Columbia
2009	Fellow, Society of Behavioral Medicine
2008	Fellow, Academy of Behavioral Medicine Research
2005	John McDonald Award, Heart and Stroke Foundation of Canada
2005	Herbert Weiner Early Career Award, American Psychosomatic Society
2004	Distinguished Scientific Award for Early Career Contributions to Health Psychology, American Psychological Association

- 2003 Young Investigator Award, Society of Behavioral Medicine
- 2003 Network Associate, MacArthur Foundation Research Network on SES and Health
- 1999 Travel Fellowship, Wisconsin Symposium on Emotion
- 1999 Scholar Award, American Psychosomatic Society
- 1998 – 2000 Post-Doctoral Traineeship, National Institute of Mental Health
- 1994 – 1996 Pre-Doctoral Traineeship, National Institute of Mental Health

EDITORIAL POSITIONS

- Associate Editor, *Psychological Bulletin*, 2010 - 2014
- Associate Editor, *Psychosomatic Medicine*, 2008 - 2011
- Consulting Editor, *Psychological Bulletin*, 2014 -
- Consulting Editor, *Brain, Behavior, and Immunity*, 2005 -
- Consulting Editor, *Clinical Psychological Science*, 2012 -
- Consulting Editor, *Frontiers in Behavioral Neuroscience*, 2008 -
- Consulting Editor, *Psychosomatic Medicine*, 2004 – 2008, 2011 -
- Consulting Editor, *Journal of Consulting and Clinical Psychology*, 2002 - 2008
- Consulting Editor, *Personality and Social Psychology Bulletin*, 2002 - 2005

CURRENT RESEARCH FUNDING

- 2014 – 2018 Principal Investigator, *Childhood Origins of CHD Disparities: Neural and Immune Pathways*, National Heart, Lung, & Blood Institute, #R01 HL122328
- 2014 – 2019 Co-Investigator (G. Brody – PI), *Vulnerability to Drug Use and HIV: Advancing Prevention for Rural African-Americans*. National Institute on Drug Abuse, #P30 DA027827. (I am PI of the Neuroendocrine - Inflammation Core facility.)
- 2014 - 2019 Co-Investigator (G. Brody – PI), *Rural African American Young Adults' Pathways to Psychosocial & Physical Health*. National Institute of Child Health and Human Development, #R01 HD030588
- 2012 – 2017 Co-Investigator (E. Chen – PI), *Multi-level understanding of social contributors to SES disparities in asthma*. National Heart, Lung, & Blood Institute, #R01 HL108723
- 2014 – 2015 Co-Investigator (T. McDade – PI), *Pathways linking social disparities, inflammation, and health across generations*. National Institute of Child Health and Human Development, #R01 HD074765
- 2014 – 2017 Co-Investigator (T. McDade – PI), *Early environments, epigenetics, and inflammation during pregnancy*. National Science Foundation. #BCS-1440564.
- 2013 - 2018 Co-Investigator (C. Wrosch – PI), *Self-regulation of common age-related challenges: Examining psychobiological pathways to healthy aging*. Canadian Institutes of Health Research, #285696

COMPLETED RESEARCH FUNDING

- 2008 - 2014 Principal Investigator, *Biological Embedding of Early-Life SES*, National Institute of Child Health and Human Development, #R01 HD058502
- 2008 – 2014 Principal Investigator, *The Psychobiology of Caregiving for a Spouse with Cancer*, Canadian Institutes of Health Research, #89736
- 2010 – 2014 Principal Investigator, *Stress-Related Changes in Methylation of Genes Encoding Inflammatory Proteins*, National Alliance for Research on Schizophrenia and Depression
- 2005 – 2011 Principal Investigator, *Depression, Inflammation, and Risk for CHD*, Heart and Stroke Foundation of Canada (New Investigator Award – Salary Coverage)
- 2008 – 2013 Co-Investigator (M. Sears – PI), *Canadian birth cohort: Indoor Air and the Development of Allergy and Asthma*. Canadian Institutes of Health Research
- 2005 – 2010 Co-Investigator (E. Chen – PI), *Socioeconomic Status, Stress, and Asthma Biological Markers*, National Heart, Lung, & Blood Institute, #R01 HL073975
- 2007 - 2012 Co-Investigator (C. Wrosch – PI), *Self-regulation of Common Age-Related Challenges: Benefits for Older Adults' Psychological and Physical Health*. Canadian Institutes of Health Research
- 2004 – 2009 Principal Investigator, *Behavioral and Biological Mechanisms Linking Depression and CHD Risk*, Canadian Institutes of Health Research, #67191
- 2007 - 2009 Principal Investigator, *Psychosocial Experiences and Epigenetic Modifications in Mini-CHLD*, Networks of Centres of Excellence on Allergy, Genes, & Environment
- 2006 – 2009 Principal Investigator, *Genomic Embedding of SES in Early Life*, BC Ministry of Children and Family Development through Human Early Learning Partnership
- 2004 – 2008 Principal Investigator, *Infrastructure Support for the UBC Psychobiological Determinants of Health Laboratory*, Canada Foundation for Innovation
- 2003 – 2008 Principal Investigator, *Chronic Psychological Stress and Immune System Dysregulation*, Career Scholar Award, Michael Smith Foundation for Health Research
- 2005 – 2007 Principal Investigator, *Depression and Atherosclerosis: Inflammatory Mechanisms of Comorbidity*, National Alliance for Research on Schizophrenia and Depression
- 2005 – 2007 Co-Investigator (D. Lehman - PI), *Community Resources and Positive Outcomes for Diverse Groups Experiencing Homelessness*, Social Sciences and Humanities Research Council of Canada
- 2005 – 2007 Co-Investigator (W. Linden - PI), *Hostility and Social Support: Underlying Shared Behaviors & Cognitions*, Social Sciences and Humanities Research Council of Canada
- 2003 – 2006 Co-Investigator (C. Wrosch - PI), *Self-Regulation of Health Challenges in Old Age*, Canadian Institutes of Health Research
- 2004 – 2006 Principal Investigator, *Does Early Life SES Shape Mental and Physical Health Outcomes in Adolescence?*, BC Ministry of Children and Family Development via Human Early Learning Partnership

- 2002 – 2004 Principal Investigator, *Depression and Inflammation in Coronary Artery Disease*, National Alliance for Research on Schizophrenia and Affective Disorders
- 2001 – 2003 Principal Investigator, *Major Depression and Inflammatory Risk Markers for Coronary Heart Disease*, American Heart Association
- 2002 – 2003 Principal Investigator, *Clinical Depression, Inflammatory Processes, and the Metabolic Syndrome*, Washington University General Clinical Research Center
- 1999 – 2000 Principal Investigator, *Chronic Stress and Pro-Inflammatory Cytokine Regulation*, US National Heart, Lung, & Blood Institute, as part of Pittsburgh Mind-Body Center
- 1996 – 1997 Principal Investigator, *Emotion and Immune Processes During Marital Conflict*, US National Institute of Mental Health
- 1996 – 1997 Co-Investigator (H. Myers - Principal Investigator), *Emotion and Immune Processes During Marital Conflict*, Norman Cousins in Psychoneuroimmunology at UCLA

RESEARCH FUNDING WITH TRAINEES

Post-Doctoral Fellowships

Camelia Hostinar, National Research Service Award F32 HD078048, National Institute of Child Health and Human Development, 2014-16

Katherine Ehrlich, National Research Service Award F32 HD076563, National Institute of Child Health and Human Development, 2013-15

Nicolas Rohleder, Post-Doctoral Traineeship, Michael Smith Foundation for Health Research, 2005-07

Pre-Doctoral Fellowships

Kharah Ross: Canadian Institutes of Health Research Doctoral (2011-14) and Masters Award (2009-10)

Teresa Marin: Canadian Institutes of Health Research Doctoral Award (2007-10) and Michael Smith Foundation for Health Research Doctoral (2007-2010) and Masters Award (2005-06)

Ekin Blackwell: Social Sciences and Humanities Research Council Doctoral Award (2003-2006)

JOURNAL ARTICLES

In Press

134. Chen, E., Miller, G.E., Brody, G.H., & Lei, M. (in press). Neighborhood poverty, college attendance, and diverging profiles of substance use and allostatic load in rural African-American youth. *Clinical Psychological Science*.
133. Goldstein, B.I., Carnethon, M.R., Matthews, K.A., McIntyre, R.S., Miller, G.E., Raghuvver, G., Stoney, C.M., Wasiak, H., & McCrindle, B.W. (in press). Major depressive disorder and bipolar disorder predispose youth to accelerated atherosclerosis and early cardiovascular disease: A scientific statement from the American Heart Association. *Circulation*. 2015;132
132. Ehrlich, K. B., Miller, G. E., & Chen, E. (in press). Family functioning, eosinophil activity, and symptoms in children with asthma. *Journal of Pediatric Psychology*.
131. Ehrlich, K.B., Miller, G.E., Rohleder, N., & Adam, E.K. (in press). Trajectories of relationship stress and inflammatory processes in adolescence. *Developmental and Psychopathology*.

130. Hostinar, C. E., Lachman, M. E., Mroczek, D., Seeman, T. E., & Miller, G. E. (in press). Additive roles of childhood adversity and recent stressors in explaining inflammation at midlife: Findings from the national MIDUS study. *Developmental Psychology*.
129. Miller, G.E., Yu, T., Chen, E., & Brody, G.H. (in press). Self-control forecasts better psychosocial outcomes but faster epigenetic aging in low-SES youth. *Proceedings of the National Academy of Sciences of the United States of America*.
128. Nusslock, R., & Miller, G.E. (in press). Early-life adversity and physical and emotional health across the lifespan: A neuro-immune network hypothesis. *Biological Psychiatry*.
127. Ramratnam, S.K., Han, Y.Y., Rosas-Salazar, C., Forno, F., Brehm, J.M., Rosser, F., Marsland, A.L., Colón-Semidey, A., Alvarez, M., Miller, G.E., Acosta-Pérez, E., Canino, G., & Celedón, J.C. (in press). Exposure to gun violence and asthma among children in Puerto Rico. *Respiratory Medicine*.
126. Subbarao, P., Anand, S. S., Becker, A. B., Befus, A. D., Brauer, M., Brook, J. R., Denburg, J.A., Hayglass, K.T., Kobor, M.S., Kollmann, T.R., Kozyrskyj, A.L., Lou, W.Y., Mandhane, P.J., Miller, G.E., Moraes, T.J., Pare, P.D., Scott, J.A., Takaro, T.K., Turvey, S.E., Duncan, J.M., Lefebvre, D.L., & Sears, M.R. (in press). The Canadian Healthy Infant Longitudinal Development (CHILD) Study: Examining developmental origins of allergy and asthma. *Thorax*.

2015

125. Brody, G.H., Yu, T., Miller, G.E., & Chen, E. (2015). Discrimination, racial identity, and cytokine levels among African-American adolescents. *Journal of Adolescent Health, 56*, 496-501.
124. Chen, E., McLean, K. C., & Miller, G. E. (2015). Shift-and-Persist strategies: Associations with socioeconomic status and the regulation of inflammation among adolescents and their parents. *Psychosomatic Medicine, 77*, 371-382.
123. Hostinar, C. E., Ross, K. M., Chen, E., & Miller, G. E. (2015). Modeling the association between lifecourse socioeconomic disadvantage and systemic inflammation in healthy adults: The role of self-control. *Health Psychology, 34*, 580-590.
122. Jiang, R., Jones, M.J., Chen, E., Neumann, S.M., Fraser, H.B., Miller, G.E., & Kobor, M.S. (2015). Discordance of DNA methylation variance between two accessible human tissues. *Scientific Reports, 5*, 8257.
121. Murphy, M.L.M., Slavich, G.M., Chen, E., & Miller, G.E. (2015). Targeted rejection predicts decreased anti-inflammatory gene expression and increased symptom severity in youth with asthma. *Psychological Science, 26*, 111-121.

2014

120. Brody, G.H., Lei, M.K., Chen, E., & Miller, G.E. (2014). Neighborhood poverty and allostatic load in African American youths. *Pediatrics, 134*, e1362-1368.
119. Brody, G.H., Yu, T., Chen, E., & Miller, G.E. (2014). Prevention moderates associations between family risks and youth catecholamine levels. *Health Psychology, 33*, 1435-1439.
118. Brody, G.H., Yu, T., MacKillop, J., Miller, G.E., Chen, E., Obasi, E., & Beach, S.R.H. (2014). Catecholamine levels and delay discounting forecast drug use among African American youths. *Addiction, 109*, 1112-1118.

117. Human, L. J., Chan, M., DeLongis, A., Roy, L., Miller, G. E., & Chen, E. (2014). Parental accuracy regarding adolescent daily experiences: Relationships with adolescent psychological adjustment and inflammatory regulation. *Psychosomatic Medicine*, *76*, 603-610.
116. Liu, S.Y., Wrosch, C., Miller, G.E., & Pruessner, J.C. (2014). Self-esteem change and diurnal cortisol secretion in older adulthood. *Psychoneuroendocrinology*, *41*, 111-120.
115. Miller, G.E., Brody, G.H., Yu, T., & Chen, E. (2014). A family oriented psychosocial intervention reduces inflammation in low-SES African-American youth. *Proceedings of the National Academy of Sciences of the United States of America*, *111*, 11287-11292.
114. Miller, G.E., Murphy, M.L.M., Cashman, R., Ma, R., Ma, J., Arevalo, J.M.G., Kobor, M.S., & Cole, S.W. (2014). Greater inflammatory activity and blunted glucocorticoid signaling in monocytes of chronically stressed caregivers. *Brain, Behavior, and Immunity*, *41*, 191-199.
113. Rosenberg, S.L., Miller, G.E., Brehm, J.M., & Celedón, J.C. (2014). Stress and asthma: Novel insights on genetic, epigenetic and immunologic mechanisms. *Journal of Allergy and Clinical Immunology*, *134*, 1009-1015.
112. Ross, K.M., Murphy, M.L.M., Adam, E.K., Chen, E., & Miller, G.E. (2014). How stable are diurnal cortisol activity indices in healthy individuals? Evidence from 3 multi-wave studies. *Psychoneuroendocrinology*, *39*, 184-193.
111. Straub, H., Qadir, S., Miller, G.E., & Borders, A. (2014). Stress and stress reduction. *Clinical Obstetrics and Gynecology*, *57*, 579-606.

2013

110. Axelsson, J., Rehman, J., Akerstedt, T., Ekman, R., Miller, G.E., Olgart Höglund, C., & Lekander, M. (2013). Effects of sustained sleep restriction on mitogen-stimulated cytokines, chemokines and T helper 1/ T helper 2 balance in humans. *PLoS ONE*, *8*, e82291.
109. Brody, G.H., Yu, T., Chen, E., Miller, G.E., Kogan, S.M., & Beach, S.R.H. (2013). Is resilience only skin deep? Rural African Americans' preadolescent socioeconomic status-related risk and competence and age 19 psychological adjustment and allostatic load. *Psychological Science*, *24*, 1285-1293.
108. Chen, E., & Miller, G.E. (2013). Socioeconomic status and health: Mediating and moderating factors. *Annual Review of Clinical Psychology*, *9*, 723-749.
107. Cheng, J.T., Tracy, J.L., & Miller, G.E. (2013). Are narcissists hardy or vulnerable? The role of narcissism in the production of stress-related biomarkers in response to daily emotional distress. *Emotion*, *13*, 1004-1011.
106. Human, L.J., Biesanz, J.C., Miller, G.E., Chen, E., Lachman, M.E., & Seeman, T.E. (2013). Is change bad? Personality change is associated with poorer psychological health and greater metabolic syndrome in midlife. *Journal of Personality*, *81*, 249-260.
105. Lam, L.L., Emberly, E., Fraser, H.B., Neumann, S.B., Chen, E., Miller, G.E., & Kobor, M.S. (2013). Reply to Suderman et al.: Importance of accounting for blood cell composition in epigenetic studies. *Proceedings of the National Academy of Sciences of the United States of America*, *110*, E1247.
104. Marin, T.J., & Miller, G.E. (2013). Taking the middle ground, where the path is most clear: Reply to Smith (2013) and Denollet (2013). *Psychological Bulletin*, *139*, 998-999.

103. Marin, T.J., & Miller, G.E. (2013). The interpersonally sensitive disposition and health: An integrative review. *Psychological Bulletin*, *139*, 941-984.
102. Miller, G.E., & Chen, E. (2013). The biological residue of childhood poverty. *Child Development Perspectives*, *7*, 67-73.
101. Murphy, M.L.M., Slavich, G.M., Rohleder, N., & Miller, G.E. (2013). Targeted rejection triggers differential pro- and anti-inflammatory gene expression in adolescents as a function of social status. *Clinical Psychological Science*, *1*, 30-40.
100. Murphy, M.L.M., Miller, G.E., & Wrosch, C. (2013). Conscientiousness and stress exposure and reactivity: A prospective study of adolescent girls. *Journal of Behavioral Medicine*, *36*, 153-164.
99. Powell, N.D., Sloan, E.K., Bailey, M.T., Arevalo, J.M.G., Miller, G.E., Chen, E., Kobor, M.S., Reader, B.F., Sheridan, J.F., & Cole, S.W. (2013). Social stress up-regulates inflammatory gene expression in the leukocyte transcriptome via β -adrenergic induction of myelopoiesis. *Proceedings of the National Academy of Sciences of the United States of America*, *110*, 16574-16579.
98. Ross, K.M., McDonald-Jones, G., & Miller, G.E. (2013). Oxytocin does not attenuate the *ex vivo* production of inflammatory cytokines by LPS-activated monocytes and macrophages from healthy male and female donors. *Neuroimmunomodulation*, *20*, 285-293.
97. Ross, K.M., Liu, S., Tomfohr, L.M., & Miller, G.E. (2013). Self-esteem variability predicts arterial stiffness trajectories in healthy adolescent females. *Health Psychology*, *32*, 869-876.
96. Wrosch, C., Scheier, M.F., & Miller, G.E. (2013). Goal adjustment capacities, subjective well-being, and physical health. *Social and Personality Psychology Compass*, *7*, 847-860.
- 2012**
95. Azad, M.B., Lissitsyn, Y., Miller G.E., Becker, A.B., HayGlass, K.T., & Kozyrskyj, A.L. (2012). Impact of socioeconomic status trajectories on innate immune responsiveness in children. *PLoS ONE*, *7*, e38669.
94. Chen, E., & Miller, G.E. (2012). Shift and persist strategies: Why being low in socioeconomic status isn't always bad for your health. *Perspectives on Psychological Science*, *7*, 135-138.
93. Chen, E., Miller, G.E., Lachman, M.E., Gruenewald, T.L., & Seeman, T.E. (2012). Protective factors for adults from low childhood socioeconomic circumstances: The benefits of shift-and-persist for allostatic load. *Psychosomatic Medicine*, *74*, 178-186.
92. Cohen, S., Janicki-Deverts, D., Doyle, W.J., Miller, G.E., Frank, E., Rabin, B.S., & Turner, R.B. (2012). Chronic stress, glucocorticoid receptor resistance, inflammation and disease risk. *Proceedings of the National Academy of Sciences of the United States of America*, *109*, 5995-5999.
91. Ho, W.S., Hill, M.N., Miller, G.E., Gorzalka, B.B., & Hillard, C.E. (2012). Serum contents of endocannabinoids are correlated with blood pressure in depressed women. *Lipids in Health and Disease*, *11*, 32.
90. Lam, L.L., Emberly, E., Fraser, H.B., Neumann, S.B., Chen, E., Miller, G.E., & Kobor, M.S. (2012). Factors underlying variable DNA methylation in a human community cohort. *Proceedings of the National Academy of Sciences of the United States of America*, *109*, 17253-17260.

89. Miller, G.E., & Cole, S.W. (2012). Clustering of depression and inflammation in adolescents previously exposed to childhood adversity. *Biological Psychiatry, 72*, 34-40.
88. Rueggeberg, R., Wrosch, C., & Miller, G.E. (2012). The different roles of perceived stress in the association between older adults' physical activity and physical health. *Health Psychology, 31*, 164-171.
87. Rueggeberg, R., Wrosch, C., & Miller, G.E. (2012). Sleep duration buffers diurnal cortisol increases in older adulthood. *Psychoneuroendocrinology, 37*, 1029-1038.
86. Rueggeberg, R., Wrosch, C., & Miller, G.E. (2012). Associations between health-related self-protection, diurnal cortisol, and C-reactive protein in lonely older adults. *Psychosomatic Medicine, 74*, 937-944.

2011

85. Chan, M., Chen, E., Hibbert, A.S., Wong, J.H.K., & Miller, G.E. (2011). Implicit measures of early-life family conditions: Relationships to psychosocial characteristics and cardiovascular disease risk in adulthood. *Health Psychology, 30*, 570-578.
84. Chen, E., Miller, G.E., Kobor, M.S., & Cole, S. (2011). Maternal warmth buffers the effects of low early-life socioeconomic status on pro-inflammatory signaling in adulthood. *Molecular Psychiatry, 16*, 729-737.
83. Chen, E., Strunk, R.C., Trethewey, A., Schreier, H.M.C., Maharaj, N., & Miller, G.E. (2011). Resilience in low socioeconomic status children with asthma: Adaptations to stress. *Journal of Allergy and Clinical Immunology, 128*, 970-976.
82. Dunne, E., Wrosch, C. & Miller, G.E. (2011). Goal disengagement, functional disability, and depressive symptoms in old age. *Health Psychology, 30*, 763-770.
81. Miller, G.E., Chen, E., & Parker, K.J. (2011). Psychological stress in childhood and susceptibility to the chronic diseases of aging: Moving toward a model of behavioral and biological mechanisms. *Psychological Bulletin, 137*, 959-997.
80. Miller, G.E., Lachman, M.E., Chen, E., Gruenewald, T.L., Karlamangla, A.S., & Seeman, T.E. (2011). Pathways to resilience: Maternal nurturance as a buffer against the effects of childhood poverty on metabolic syndrome at midlife. *Psychological Science, 22*, 1591-1599.
79. Ross, K., Martin, T., Chen, E., & Miller, G.E. (2011). Social encounters in daily life and two-year changes in metabolic risk factors in young women. *Development and Psychopathology, 23*, 897-906.
78. Schreier, H.M., Miller, G.E., & Chen, E. (2011). Clinical potentials for measuring stress in youth with asthma. *Immunology and Allergy Clinics of North America, 31*, 41-54.
77. Stetler, C., & Miller, G.E. (2011). Depression and HPA activation: A quantitative summary of four decades of research. *Psychosomatic Medicine, 73*, 114-126.
76. Tomfohr, L.M., Murphy, M.L.M., Miller, G.E., & Puterman, E. (2011). Multiwave associations between depressive symptoms and endothelial function in adolescent and young adult females. *Psychosomatic Medicine, 73*, 456-461.
75. Wrosch, C., Amir, E., & Miller, G.E. (2011). Goal adjustment capacities, coping, and subjective well-being: The sample case of caregiving for a family member with mental illness. *Journal of Personality and Social Psychology, 100*, 934-946.

2010

74. Chen, E., Cohen, S., & Miller, G.E. (2010). How low socioeconomic status affects two-year hormonal trajectories in children. *Psychological Science, 21*, 31-37.
73. Chen, E., Strunk, R.C., Bacharier, L.B., Chan, M., & Miller, G.E. (2010). Socioeconomic status associated with exhaled nitric oxide responses to acute stress in children with asthma. *Brain, Behavior, and Immunity, 24*, 444-450.
72. Miller, G.E., & Chen, E. (2010). Harsh family climate in early life presages the emergence of a proinflammatory phenotype in adolescence. *Psychological Science, 21*, 848-856.
71. Schaller, M., Miller, G.E., Gervais, W.M., Yager, S. & Chen, E. (2010). Mere visual perception of other people's disease symptoms facilitates a more aggressive immune response. *Psychological Science, 21*, 649-652.
70. Yager, S.S., Forlenza, M.J., & Miller, G.E. (2010). Depression and oxidative damage to lipids. *Psychoneuroendocrinology, 35*, 1356-1362.

2009

69. Chen, E., Miller, G.E., Walker, H.A., Arevalo, J.M., Sung, C.Y., & Cole, S.W. (2009). Transcriptional profiling of social class in children with asthma. *Thorax, 64*, 38-43.
68. Freedland, K.E., de Geus, E.J.C., Golden, R.N., Kop, W.J., Miller, G.E., Vaccarino, V., Brumback, B., Llabre, M.M., White, V.J., & Sheps, D.S. (2009). Editorial: What's in a name? Psychosomatic medicine and biobehavioral medicine. *Psychosomatic Medicine, 71*, 1-4.
67. Heslop, C.L., Miller, G.E., & Hill, J.S. (2009). Neighbourhood socioeconomic predict non-cardiovascular death in cardiac patients. *PLoS ONE, 4*, e4120.
66. Hill, M.N., Miller, G.E., Carrier, E.J., Gorzalka, B.B., & Hillard, C.J. (2009). Circulating endocannabinoids and *N*-acyl ethanolamides differentially regulated by stress. *Psychoneuroendocrinology, 34*, 1257-1262.
65. Marin, T.J., Chen, E., Munch, J., & Miller, G.E. (2009). Double exposure to acute stress and chronic family stress is associated with immune changes in children with asthma. *Psychosomatic Medicine, 71*, 378-384.
64. Miller, G.E. (2009). In search of integrated specificity: Comment on Denson, Spanovic, and Miller (2009). *Psychological Bulletin, 135*, 854-856.
63. Miller, G.E., Chen, E., & Cole, S.W. (2009). Health psychology: Developing biologically plausible models linking the social world and physical health. *Annual Review of Psychology, 60*, 501-524.
62. Miller, G.E., Chen, E., Fok, A., Walker, H., Lim, A., Nicholls, E.F., Cole, S.W., & Kobor, M.S. (2009). Low early-life social class leaves a biological residue manifested by decreased glucocorticoid and increased proinflammatory signaling. *Proceedings of the National Academy of Sciences of the United States of America, 106*, 14716-14721.
61. Miller, G.E., Gaudin, A., Zysk, E., & Chen, E. (2009). Parental support and cytokine activity in childhood asthma: The role of glucocorticoid sensitivity. *Journal of Allergy and Clinical Immunology, 123*, 824-830.
60. Miller, G.E., Rohleder, N., & Cole, S.W. (2009). Chronic interpersonal stress predicts activation of pro- and anti-inflammatory signaling pathways 6 months later. *Psychosomatic Medicine, 71*, 57-62.

59. Rohleder, N., Marin, T.J., Ma, R., & Miller, G.E. (2009). Biologic cost of caring for a cancer patient: Dysregulation of pro- and anti-inflammatory signaling pathways. *Journal of Clinical Oncology*, *27*, 2909-2915.
58. Subbarao, P., Becker, A., Brook, J.R., Daley, D., Mandhane, P.J., Miller, G.E., Turvey, S.E., & Sears, M.R. (2009). Epidemiology of asthma: Risk factors for development. *Expert Review of Clinical Immunology*, *5*, 77-95.
57. Wrosch, C., & Miller, G.E. (2009). Depressive symptoms can be useful: Self-regulatory and emotional benefits of dysphoric mood in adolescence. *Journal of Personality and Social Psychology*, *96*, 1181-1190.
56. Wrosch, C., Miller, G.E., & Schulz, R. (2009). Cortisol secretion and functional disabilities in old age: Importance of using adaptive control strategies. *Psychosomatic Medicine*, *71*, 996-1003.

2008

55. Hill, M.N., Miller, G.E., Ho, W.V., Gorzalka, B.B., & Hillard, C.J. (2008). Serum endocannabinoid content is altered in females with depressive disorders: A preliminary report. *Pharmacopsychiatry*, *41*, 48-53.
54. Marin, T.M., Chen, E., & Miller, G.E. (2008). Trajectories of childhood socioeconomic status and markers of cardiovascular health in adolescence. *Psychosomatic Medicine*, *70*, 152-159.
53. Miller, G.E., Chen, E., Sze, J., Marin, T.J., Doll, R., Ma, R., & Cole, S.W. (2008). A functional genomic fingerprint of chronic stress in humans: Blunted glucocorticoid and increased NF- κ B signaling. *Biological Psychiatry*, *64*, 266-272.
52. Rohleder, N., Chen, E., Wolf, J.M., & Miller, G.E. (2008). The psychobiology of trait shame in young women: Extending the Social-Self Preservation Theory. *Health Psychology*, *27*, 523-532.
51. Rohleder, N. & Miller, G.E. (2008). Acute deviations from long-term trait depressive symptoms predict systemic inflammatory activity. *Brain, Behavior, and Immunity*, *22*, 709-716.
50. Stetler, C., & Miller, G.E. (2008). Social integration of daily activities and cortisol secretion: A laboratory based manipulation. *Journal of Behavioral Medicine*, *31*, 249-257.
49. Tomfohr, L., Martin, T., & Miller, G.E. (2008). Symptoms of depression and impaired endothelial functioning in healthy adolescent women. *Journal of Behavioral Medicine*, *31*, 137-143.
48. Wolf, J.M., Miller, G.E., & Chen, E. (2008). Parent psychological states predict changes in inflammatory markers in children with asthma and healthy children. *Brain, Behavior, and Immunity*, *22*, 433-441.
47. Wrosch, C., Miller, G.E., Lupien, S., & Pruessner, J.C. (2008). Diurnal cortisol secretion and 2-year changes in older adults' acute physical symptoms: The moderating roles of negative affect and sleep. *Health Psychology*, *27*, 685-693.

2007

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14. Wrosch, C., Scheier, M.F., Miller, G.E., Carver, C.S., & Schultz, R. (2003). Adaptive self-regulation of unattainable goals: Goal disengagement, goal re-engagement, and subjective well-being. *Personality and Social Psychology Bulletin, 29*, 1494-1508.

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9. Miller, G.E., & Cohen, S. (2001). Psychological interventions and the immune system: A meta-analytic review and critique. *Health Psychology, 20*, 47-63.

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6. Miller, G.E., Cohen, S., Rabin, B.S., Doyle, W.J., & Skoner, D. (1999). Personality and tonic cardiovascular, neuroendocrine, and immune parameters. *Brain, Behavior, and Immunity, 13*, 109-123.
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POPULAR MEDIA

Miller, G.E., Chen, E., & Brody, G.H. Can upward mobility cost you your health? Op-Ed in Sunday Review section of *New York Times*. January 5, 2014

EDITED BOOKS

Miller, G.E. & Chen, E. (Eds.). (2005). *Current Directions in Health Psychology*. New York, NY: Prentice Hall.

BOOK CHAPTERS

Chen, E., & Miller, G. E. (2014). Early life environments, emotion regulation, and the biological mechanisms of disease. In J.J. Gross (Ed.), *Handbook of emotion regulation, 2nd edition* (pp 586-595). New York, NY: Guilford Press.

Wrosch, C., Scheier, M. F., Miller, G. E., & Carver, C. S. (2012). When meaning is threatened: The importance of goal adjustment for psychological and physical health. In P. T. Wong (Ed.) *The human quest for meaning: Theories, research, and applications* (pp. 535-553), New York: Routledge.

Evans, G.W., Chen, E., Miller, G.E., & Seeman, T. (2012). How poverty gets under the skin: A life course perspective. In V. Maholmes & R. King (Eds.) *The Oxford handbook of poverty and child development* (pp. 13-36), New York: Oxford University Press.

Miller, G.E., & Cole, S.W. (2010). Functional genomic approaches in behavioral medicine research. In A. Steptoe (Ed.) *Handbook of behavioral medicine: Methods and applications* (pp. 443-454), London: Springer.

McDermott, K.B., & Miller, G.E. (2007). Designing studies to avoid confounds. In R. Sternberg, H.L. Roediger, & D. Halpern (Eds.) *Critical thinking in psychology* (pp. 131-142), Cambridge, England: Cambridge University Press.

Chen, E., & Miller, G.E. (2007). Social context as an individual difference in PNI. In R. Ader (Ed.) *Psychoneuroimmunology, 4th edition*. (pp. 497-508), Boston: Elsevier.

Miller, G.E., & Cohen, S. (2005). Infectious disease and psychoneuroimmunology. In K. Vedhara & M. Irwin (Eds.) *Human psychoneuroimmunology* (pp. 219-242), New York, NY: Oxford University Press.

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Cohen, S., & Miller, G.E. (2001). Stress, immunity, and infectious disease. In R. Ader, D. Felten, & N. Cohen (Eds.) *Psychoneuroimmunology, 3rd edition* (pp. 499-509), New York: Academic Press.

Kemeny, M.E., & Miller, G.E. (1999). Effects of psychosocial interventions on immune functions. In M. Schedlowski & U. Tewes (Eds.) *Psychoneuroimmunology: An interdisciplinary introduction*. (pp. 373-415), New York: Plenum Press.

INVITED KEYNOTES AND COLLOQUIA

2015

University of Pennsylvania, Department of Psychology
New York University, Department of Applied Psychology
University of Minnesota, Institute for Translational Research in Children's Mental Health

2014

University of Minnesota, Department of Psychology and Institute for Child Development
M.D. Anderson Cancer Center, Division of Health Disparities
University of Illinois, Chicago, Department of Psychology

2013

Vancouver Brain Development and Learning Conference
Academy of Behavioral Medicine Research
NICHD, Meeting on Genetic & Environmental Influences on Children's Responses to Adversity

2012

Yale University, Department of Psychiatry
Klaus Grawe Institute, Zurich
Midwestern Brain, Behavior, & Immunity Conference

2011

University of Toronto, School of Medicine, Tannenbaum Symposium on Brain and Health
University of Wisconsin, Madison, Department of Psychology
University of California, Los Angeles, Department of Psychology
University of California, Irvine, Department of Psychology
University of Michigan, National Poverty Research Center, The Long Run Impact of Early-Life Events
Fred Hutchinson Cancer Center, Clinical Oncology Grand Rounds, & Behavioral Outcomes Research Group

2010

University of Maryland, Annual Bioscience Day on Genes, Brain, and Behavior
National Cancer Institute, Biobehavioral Research Branch
Academy of Behavioral Medicine Research
University of California, Davis, Department of Psychology
Brandeis University, Department of Psychology
Smith College, Visiting Scholar at Kahn Liberal Arts Institute
American Psychosomatic Society, Plenary Lecture
University of California, Berkeley, Institute of Personality and Social Research

2009

University of California, San Francisco, Division of Health Psychology
Stanford University, Department of Psychology, Personality Seminar
Academy of Behavioral Medicine Research, Keynote Lecture
University of Pittsburgh, Department of Psychology
Carnegie Mellon University, Department of Psychology

2008

University of Minnesota, Department of Psychology
Saint Paul's Hospital, Vancouver BC, Cardiology Grand Rounds
International Congress of Behavioral Medicine, Master Panelist
Brain Development and Learning: Making Sense of the Science, Vancouver, BC.

Ohio State University, Institute of Behavioral Medicine, Simson Lecture
University of Northern British Columbia, Department of Psychology
Society of Behavioral Medicine, Master Lecture

2007 and Prior

UCLA Cousins Center for Psychoneuroimmunology
HopeLab Foundation
Northwestern University, Cells to Society: The Center on Social Disparities and Health,
University of Bristol, Expert Workshop on Psychoendocrine Mediators of Disease
Carnegie Mellon University, Department of Psychology
University of Michigan, Institute for Social Research
Hong Kong University, Department of Psychology
American Thoracic Society, Workshop on Stress and Asthma
Oregon Research Institute/University of Oregon, Department of Psychology
Fred Hutchinson Cancer Center, Prevention Research Program
National Alliance for Research on Schizophrenia and Depression, Annual Scientific Symposium
Roche Diagnostics, Palo Alto
University of Texas, Department of Psychology
University of Miami, Department of Psychology
Yale University, Department of Psychology

PROFESSIONAL AFFILIATIONS

American Psychosomatic Society
Association for Psychological Science
Division of Health Psychology, APA
Psychoneuroimmunology Research Society
Society for Behavioral Medicine

PROFESSIONAL SERVICE

Executive Committee, *Canadian Healthy Infant Longitudinal Study*, 2007 -
President, *Academy of Behavioral Medicine Research*, 2015-2016
Executive Council, *Academy of Behavioral Medicine Research*, 2010–2013; 2014-2017
Membership Chair, *Academy of Behavioral Medicine Research*, 2011– 2014
Associate Editor, *Psychological Bulletin*, 2010 -
Associate Editor, *Psychosomatic Medicine*, 2008 – 2011
Consulting Editor, *Clinical Psychological Science*, 2012 -
Consulting Editor, *Brain, Behavior, and Immunity*, 2005 –
Consulting Editor, *Frontiers in Behavioral Neuroscience*, 2008 -
Consulting Editor, *Psychosomatic Medicine*, 2004 – 2008, 2010 -
Consulting Editor, *Journal of Consulting and Clinical Psychology*, 2002 - 2008
Consulting Editor, *Personality and Social Psychology Bulletin*, 2002 - 2005
Occasional Reviewer: *Biological Psychiatry*, *Current Directions in Psychological Science*, *Health Psychology*,
Pediatrics, *PNAS*, *Psychoneuroendocrinology*, *Psychological Science*
Chair, Selection Committee, 2010 APA Distinguished Scientific Award for Early Career Contributions to
Health Psychology
Standing Member, Psychosocial, Sociocultural, & Behavioral Determinants of Health Review Panel,
Canadian Institutes of Health Research, 2005 – 2008

Scientific Officer, Career Scholar Review Panel, Michael Smith Foundation for Health Research, 2005 - 2006

Psychoneuroimmunology Research Society, Program Committee 2005 – 2006, Membership Committee 2007 – 2008

American Psychosomatic Society, Program Committee, 2000 - 2005

Ad-hoc reviewer, Society of Behavioral Medicine Scientific Conference, 1999 - 2002

Ad-hoc reviewer, American Psychological Association Scientific Conference, 1999, 2002-2004

Ad-hoc reviewer, Broad Medical Research Program, Eli & Edythe Broad Foundation, 2002

Ad-hoc reviewer, US National Institutes of Health, Panel ZRG1 BBP-F, 2004