

# GREGORY E. MILLER

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## EDUCATION

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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

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## EMPLOYMENT

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2017-	Louis W. Menk Endowed Chair, Northwestern University
2012 -	Professor, Department of Psychology & IPR Faculty Fellow, Northwestern University
2010 - 2012	Professor, Department of Psychology, University of British Columbia
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

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## HONORS & AWARDS

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2022	Patricia Barchas Award in Sociophysiology, American Psychosomatic Society
2021	Article of the Year, <i>JAMA Health Forum</i> (Finegood et al., Association of wealth and longevity in US adults at midlife)
2021	Presidential Task Force on Health Equity, American Psychological Association
2020	Visiting Demographer, University of Texas Population Research Center
2018	Highly Cited Researcher, Clarivate Analytics (Designation for authors with highest number of papers with citation rates in top 1% of field between 2006-16)

- 2017 Fellow, Association for Psychological Science
- 2016 Highly Cited Researcher, Thomson Reuters (Designation for authors with highest number of papers with citation rates in top 1% of field between 2004-14)
- 2016 Distinguished Fellow, Sage Center for Study of the Mind, UC Santa Barbara
- 2015 George A. Miller Award (Awarded for outstanding article in general psychology – Miller, Chen, & Parker, 2011, *Psychological Bulletin*)
- 2015-2016 President, Academy of Behavioral Medicine Research
- 2015-2019 Co-Chair, Working Group on Biology and Social Science, Russell Sage Foundation
- 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
- 1998 – 2000 Post-Doctoral Traineeship, National Institute of Mental Health
- 1994 – 1996 Pre-Doctoral Traineeship, National Institute of Mental Health

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## **EDITORIAL POSITIONS**

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Guest Associate Editor, *American Psychologist*, special issue on health equity, 2022  
 Associate Editor, *Psychological Bulletin*, 2010 - 2014  
 Associate Editor, *Psychosomatic Medicine*, 2008 - 2011  
 Guest Editor, *Annual Review of Psychology*, 2017 edition  
 Consulting Editor, *Psychological Bulletin*, 2014 -  
 Consulting Editor, *Brain, Behavior, and Immunity*, 2005 –  
 Consulting Editor, *Clinical Psychological Science*, 2012 -  
 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

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## CURRENT RESEARCH SUPPORT

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- 2017– 2022 Principal Investigator (with Ann Borders, mPI), *Understanding Socioeconomic Disparities in Perinatal Risk: The Role of Epigenetic and Transcriptional Regulation in the Placenta*. National Institute on Minority Health and Health Disparities, R01 MD011749
- 2019 – 2022 Principal Investigator (with Adriana Weisleder, mPI), *Understanding Disparities in Cognitive Development Through Context-Biology Interactions*. Russell Sage Foundation, 1903-13567
- 2020 - 2025 Principal Investigator, *Research Support Core: Neuroscience, Immunology, Social Adversity and The Roots Of Addictive Behaviors: Toward A New Framework For Drug Use Etiology and Prevention*, National Institute on Drug Abuse, P50 DA051361 (G. Brody, Center PI)
- 2018 – 2023 Co-Investigator (A. Borders, PI), *Psychosocial Intervention, Maternal Inflammation, and Birth Outcomes: Centering vs. Routine Prenatal Care (PIINC) Study*. National Institute of Child Health and Human Development, R01 HD092446
- 2021 - 2022 Co-Investigator (A. Borders, PI), *The Impact of Structural Racism and Discrimination On Perinatal Health During The Covid-19 Pandemic*. National Institute of Child Health and Human Development, R01 HD092446
- 2022 - 2027 Co-Investigator (K. Bona, PI), *Novel Health Equity Intervention To Improve Pediatric Oncology Outcome Disparities*. National Cancer Institute, R01CA267107
- 2019 - 2024 Co-Investigator (G. Brody, PI), *Developmental, Contextual, and Psychosocial Predictors of Weathering and Health Among Rural African Americans In Their Fourth Decade Of Life*. National Institute of Child Health and Human Development, R01 HD030588
- 2018 - 2023 Co-Investigator (E. Chen, PI). *Understanding Diverging Profiles Of Academic and Physical Health Outcomes In African American Youth*, National Institute for Child Health and Human Development, R01 HD093718
- 2018 - 2023 Co-Investigator (E. Chen, PI). *An Interpersonal Relationships Intervention For Improving Cardiovascular Health In Youth*, National Heart, Lung, & Blood Institute, R01 HL136676
- 2018 – 2023 Co-Investigator (J. Luby, PI), *Early Life Adversity, Biological Embedding, and Risk For Developmental Precursors of Mental Disorders*. National Institute of Mental Health, R01 MH113883
- 2020 - 2025 Co-Investigator (K. Kershaw, PI), *Contributions of Stress Reactivity To Risk of Alzheimer's Disease and Related Dementias In A Community Cohort*. National Institute on Aging, R01 AG067557
- 2021 - 2026 Co-Investigator (R. Nusslock, PI), *Neuroimmune Mechanisms, Addictive Behaviors, and Cardiometabolic Health Among African American Emerging Adults*. Project 1 of *Neuroscience, immunology, social adversity and the roots of addictive behaviors: Toward a new framework for drug use etiology and prevention*, National Institute on Drug Abuse, P50 DA051361.
- 2021 - 2026 Co-Investigator, (R. Nusslock & L. Alloy, PIs). *Integrated Reward-Inflammation Model of First Onset of Major Depression In Adolescence*. National Institute of Mental Health, R01 MH123473

- 2018 – 2023 Co-Investigator (K. Valentino, PI), *Pathways Linking Early Adversity and Support To Behavioral and Physical Health*. National Institute of Child Health and Human Development, R01 HD091235
- 2021- 2026 Co-Investigator (K. Wylie & L. Ernst, PIs), *Viral Pathogenesis of Chronic Inflammatory Lesions of the Placenta*. National Institute of Child Health and Human Development, R01 HD103762

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## COMPLETED RESEARCH SUPPORT

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- 2020 - 2021 Principal Investigator, *Stress-Related Viral Infection In The Placenta and Disparities in Women's Perinatal Health*. Competitive supplement to MD011749 from NIH Office of Women's Health.
- 2014 - 2019 Principal Investigator, *Childhood Origins of CHD Disparities: Neural and Immune Pathways*, National Heart, Lung, & Blood Institute, R01 HL122328
- 2016 - 2018 Principal Investigator (with Katherine Harris, mPI), *Socioeconomic and Racial Gaps in Schools: Implications for Health and Employment*. Russell Sage Foundation, 96-18-01
- 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)
- 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-CHILD*, 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

- 2004 – 2006 Principal Investigator, *Does Early Life SES Shape Mental and Physical Health 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, *Clinical Depression, Inflammatory Processes, and the Metabolic Syndrome*, Washington University General Clinical Research Center
- 1999 – 2000 Project Leader, *Chronic Stress and Pro-Inflammatory Cytokine Regulation*, National Heart, Lung, & Blood Institute, pilot study funded as part of Pittsburgh Mind-Body Center
- 1996 - 1997 Principal Investigator, *Emotion and Immune Processes During Marital Conflict*, National Research Service Award, National Institute of Mental Health
- 2018 - 2021 Co-Investigator (G. Brody, PI), *Origin of Chronic Diseases of Aging among Rural African American Young Adults*, National Institute of Child Health and Human Development, R01 HD091046
- 2016 - 2021 Co-Investigator (F. Penedo , PI), *Culturally Adapted Cognitive Behavioral Stress and Self-Management Intervention for Prostate Cancer*. National Cancer Institute, R01 CA206456
- 2014 - 2020 Co-Investigator (G. Brody, PI), *Vulnerability to Drug Use and HIV: Advancing Prevention for Rural African-Americans*. National Institute on Drug Abuse, P30 DA027827
- 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
- 2013 - 2018 Co-Investigator (E. Chen, PI), *Multi-level understanding of social contributors to SES disparities in asthma*. National Heart, Lung, & Blood Institute, R01 HL108723
- 2014 - 2017 Co-Investigator (T. McDade, PI), *Early environments, epigenetics, and inflammation during pregnancy*. National Science Foundation. BCS-1440564.
- 2013 - 2015 Co-Investigator (T. McDade, PI), *Pathways linking social disparities, inflammation, and health generations*. National Institute of Child Health and Human Development, R01 HD074765
- 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
- 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
- 2005 – 2007 Co-Investigator (D. Lehman, PI), *Community Resources and Positive Outcomes for Diverse Groups Experiencing Homelessness*, Social Sciences and Humanities Research Council 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
- 1996 – 1997 Co-Investigator (H. Myers, Principal Investigator), *Emotion and Immune Processes During Marital Conflict*, Norman Cousins in Psychoneuroimmunology at UCLA
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## **MENTEE RESEARCH SUPPORT**

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### Co-Mentor for Junior Faculty

Diana Chirinos, Mentored Research Scientist Career Development Award, K01 HL149987, National Heart, Lung, & Blood Institute, 2020-25

Jenna Doom, Mentored Research Scientist Career Development Award, K01 HL143159, National Heart, Lung, & Blood Institute, 2019-24

Nia Heard-Garris, Mentored Research Scientist Career Development Award, K01 HL147995, National Heart, Lung, & Blood Institute, 2019-24

Brittany Taylor, Center of Biomedical Research Excellence, P20 GM144641, National Institute of General Medical Sciences, 2022-27

Tameka Zapolski, Mentored Research Scientist Career Development Award, K01 DA043654, National Institute on Drug Abuse, 2018-23

### Primary Mentor for Post-Doctoral Fellowships

Eric Finegood, National Research Service Award F32 HL146005, National Heart, Lung, & Blood Institute, 2019-22

Alexa Freedman, National Research Service Award, F32 HD100076, National Institute of Child Health and Human Development, 2019-22

Jessica Chiang, National Research Service Award F32 HL134276, National Heart, Lung, & Blood Institute, 2016-19

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

### Primary Mentor for 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)

## CITATION HISTORY

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Citations: 40,501; h-index: = 90  
8 papers with > 1000 citations  
7 papers with 500 - 1000 citations  
23 papers with 250-499 citations  
(Retrieved from Google Scholar, Feb 2022)

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## JOURNAL ARTICLES

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### In Press

254. Barton, A.W., Yu, T., Gong, Q., Miller, G.E., Chen, E., & Brody, G.H. (in press). Childhood poverty, immune cell aging, and African Americans' insulin resistance: A prospective study. *Child Development*.
253. Chen, E., Brody, G.H., & Miller, G.E. (in press). What are the health consequences of upward mobility? *Annual Review of Psychology*.
252. Chen, E., Yu, T., Brody, G.H., Lam, P.H., Goosby, B.J., & Miller, G.E. (in press). Discrimination and inflammation in adolescents of color. *Biological Psychiatry: Global Open Science*.
251. Chiang, J.J., Lam, P.H., Chen, E., & Miller, G.E. (in press). Psychological stress during childhood and adolescence and its association with inflammation across the lifespan: A critical review and meta-analysis. *Psychological Bulletin*.
250. Freedman, A.A., Papachristos, A.V., Smart, B.P., Keenan-Devlin, L.S., Khan, S.S., Borders, A.E., Kershaw, K.N., & Miller, G.E. (in press). Complaints about excessive use of police force in women's neighborhoods and perinatal and cardiovascular health. *Science Advances*.
249. Finegood, E.D., & Miller, G.E. (in press). Childhood violence exposure, inflammation, and cardiometabolic health. *Current Topics in Behavioral Neuroscience*.
248. Freedman, A.A., Smart, B.P., Keenan-Devlin, L.S., Borders, A., Ernst, L.M., & Miller, G.E. (in press). Living in a block group with a higher eviction rate is associated with increased odds of preterm delivery. *Journal of Epidemiology and Community Health*.
247. Gaietto, K., Han, Y.Y., Forno, E., Bacharier, L.B., Phipatanakul, W., Guilbert, T.W., Cabana, M.D., Ross, K., Blatter, J., Acosta-Pérez, E., Miller, G.E., de la Hoz, R.E., Rosser, F.J., Durrani, S., Canino, G., Wisniewski, S.R., & Celedón, J.C. (in press). Violence-related distress and lung function in two longitudinal studies of youth. *European Respiratory Journal*.
246. Keenan-Devlin, L.S., Smart, B.P., Grobman, W., Adam, E., Freedman, A., Buss, C., Entringer, S., Miller, G.E., & Borders, A.E.B. (in press). The intersection of race and socioeconomic status is associated with inflammation patterns during pregnancy and adverse pregnancy outcomes. *American Journal of Reproductive Immunology*.

245. Lam, P.H., Miller, G.E., Hoffer, L., Siliezar, R., Dezil, J., McDonald, A. & Chen, E. (in press). Harshness and unpredictability: Childhood environmental links with immune and asthma outcomes. *Development and Psychopathology*.
244. Miller, G.E., Chen, E., Finegood, E., Shimbo, D., & Cole, S.W. (in press). Prospective associations between neighborhood violence and monocyte pro-inflammatory transcriptional activity in children. *Brain, Behavior, and Immunity*.
243. Noriega, B., Lee, T.K., Moreno, P.I., Fox, R.S., Yanez, B.R., Miller, G.E., Estabrook, R., Begale, M.J., Flury, S.C., Perry, K., Kundu, S.D., & Penedo, F.J. (in press). Symptom burden profiles in men with advanced prostate cancer undergoing androgen deprivation therapy. *Journal of Behavioral Medicine*.

## 2021

242. Amato, K.R., Arrieta, M.C., Azad, M.B., Bailey, M., Broussard, J.L., Bruggeling, C.E., Claud, E.C., Costello, E.K., Davenport, E.R., Dutilh, B.E., Swain H.A., Ewald, P., Hanlon, E.C., Julion, W., Keshavarzian, A.L., Maurice, C., Miller, G.E., Preidis, G.A., Segurel, L., Singer, B., Subramanian, S., Zhao, S., & Kuzawa, C.W. (2021). The human gut microbiome and health inequities. *Proceedings of the National Academy of Sciences of the United States of America*, 118, e2017947118.
241. Brody, G.H., Yu, T., Chen, E., Kobor, M., Beach, S.R.H., Lei, M.K., Barr, A., Lin, D., & Miller, G.E. (2021). Risky family climates presage increased cellular aging in young adulthood. *Psychoneuroendocrinology*, 130, 105256.
240. Brody, G.H., Yu, T., Chen, E., Miller, G.E., Barton, A.W., & Kogan, S.M. (2021). Family-centered prevention effects on the association between racial discrimination and Black adolescents' subsequent mental health: Results from two randomized clinical trials. *JAMA Network Open*, 4, e211964.
239. Caplan M, Keenan-Devlin L.S., Freedman, A., Grobman, W., Wadhwa, P.D., Buss, C., Miller, G.E., & Borders, A.E. (2021). Lifetime psychosocial stress exposure associated with hypertensive disorders of pregnancy. *American Journal of Perinatology*, 38, 1412-1419.
238. Chat, I.K.-Y., Nusslock, R., Moriarity, D.P., Bart, C.P., MacGiollabhu, N., Damme, K.S.F., Carroll, A.L., Miller, G.E., & Alloy, L.B. (2021). Goal-striving tendencies moderate the relationship between reward-related brain function and peripheral inflammation. *Brain, Behavior, and Immunity*, 94, 60-70.
237. Chen, E., Brody, G.H., Yu, T., Hoffer, L.C., Russak-Pribble, A., & Miller, G.E. (2021). Disproportionate school punishment and significant life outcomes: A prospective analysis of Black youth. *Psychological Science*, 32, 1375-1390.
236. Chen, E., Lam, P.H., Finegood, E.D., Turiano, N.A., Mroczek, D.K., & Miller, G.E. (2021). The balance of giving versus receiving social support and all-cause mortality in a U.S. national sample. *Proceedings of the National Academy of Sciences of the United States of America*, 118, e2024770118.
235. Ehrlich, K.B., Miller, G.E., Rogosch, F.A., & Cicchetti, D. (2021). Maltreatment exposure across childhood and low-grade inflammation: Considerations of cumulative exposure, timing, and sex differences. *Developmental Psychobiology*, 63, 529-537.
234. Finegood, E.D., Briley, D.A., Turiano, N.A., Freedman, A., South, S.C., Krueger, R.F., Chen, E., Mroczek, D., & Miller, G.E. (2021). Association of wealth and longevity in US adults at midlife. *JAMA Health Forum*, 2, e211652.



233. Freedman, A.A., Keenan-Devlin, L.S., Borders, A., Miller, G.E., & Ernst, L.M. (2021). Formulating a meaningful and comprehensive placental phenotypic classification. *Pediatric and Developmental Pathology*, *24*, 337-350.
232. Freedman, A.A., Miller, G.E., & Ernst, L.M. (2021). Chronic villitis: Refining the risk ratio of recurrence using a large placental pathology sample. *Placenta*, *112*, 135-140.
231. Freedman, A.A., Miller, G.E., Keenan-Devlin, L.S., Smart, B.P., Romero, J., Borders, A., & Ernst, L.M. (2021). Adverse pregnancy outcomes following the assassination of John F. Kennedy in 1963. *Maternal and Child Health Journal*, *25*, 1455-1464.
230. Freedman, A.A., Smart, B.P., Keenan-Devlin, L.S., Romero, J., Franklin, A., Borders, A., Ernst, L.M., & Miller, G.E. (2021). Time-dependent changes in placental mRNA expression after delivery due to delayed specimen collection. *American Journal of Reproductive Immunology*, *86*, e13452.
229. Karthikeyan, S., Dimick, M., Fiksenbaum, L., Jeong, H., Birmaher, B., Kennedy, J.L., Lanctôt, K., Levitt, A.J., Miller, G.E., Schaffer, A., Young, L.T., Youngstrom, E.A., Andreazza, A.C., & Goldstein, B.I. (2021). Inflammatory markers, brain derived neurotrophic factor, and the symptomatic course of adolescent bipolar disorder: A prospective repeated-measures study. *Brain, Behavior, and Immunity*, *100*, 278-286..
228. Keenan-Devlin, L.S., Caplan, M., Freedman, A., Kuchta, K., Grobman, W., Buss, C., Adam, E.K., Entringer, S., Miller, G.E., & Borders, A.E.B. (2021). Using principle component analysis to examine associations of early pregnancy inflammatory biomarker profiles and adverse birth outcomes. *American Journal of Reproductive Immunology*, *86*, e13497.
227. Lam, P. H., Chiang, J.J., Chen, E., & Miller, G.E. (2021). Race, socioeconomic status, and low-grade inflammatory biomarkers across the lifecourse: A pooled analysis of seven studies. *Psychoneuroendocrinology*, *123*, 104917.
226. McDade, T.W., Aronoff, J.E., Leigh, A.K.K., Finegood, E.D., Weissman-Tsukamoto, R.M., Brody, G.H., & Miller, G.E. (2021). Out of the lab and into the field: Validation of portable cell culture protocols. *Psychosomatic Medicine*, *83*, 283-290.
225. McDade, T., Miller, A., Tran, T., Borders, A.E.B., & Miller, G.E. (2021). A highly sensitive multiplex immunoassay for inflammatory cytokines in dried blood spots. *American Journal of Human Biology*, *33*, e23558.
224. Miller, G.E., Chen, E., Finegood, E., Lam, P., Weissman-Tsukamoto, R., Leigh, A.K.K., Hoffer, L., Carroll, A.L., Brody, G.H., Parrish, T.B., & Nusslock, R. (2021). Resting-state functional connectivity of the central executive network moderates the relationship between neighborhood violence and pro-inflammatory phenotype in children. *Biological Psychiatry*, *90*, 165-172.
223. Miller, G.E., White, S.F., Chen, E., & Nusslock, R. (2021). Among children living in poverty, inflammatory activity is associated with larger neural responses to threat and reward. *The American Journal of Psychiatry*, *178*, 313-320.
222. Padhye, L.V., Kish, J.L., Batra, P.S., Miller, G.E., & Mahdavinia, M. (2021). The impact of levels of particulate matter with an aerodynamic diameter smaller than 2.5  $\mu\text{m}$  on the nasal microbiota in chronic rhinosinusitis and healthy individuals. *Annals of Allergy, Asthma and Immunology*, *126*, 195-197.

221. Penedo, F.J., Fox, R.S., Walsh, E.A., Yanez, B., Miller, G.E., Oswald, L.B., Estabrook, R., Chatterton, R.T., Mohr, D.C., Begale, M.J., Flury, S.C., Perry, K., Kundu, S.D., & Moreno, P.I. (2021). Effects of web-based cognitive behavioral stress management and health promotion interventions on neuroendocrine and inflammatory markers in men with advanced prostate cancer: A randomized controlled trial. *Brain, Behavior, and Immunity*, *95*, 168-177.
220. Prather, A.A., Pressman, S.D., Miller, G.E., & Cohen, S. (2021). Temporal links between self-reported sleep and antibody responses to the influenza vaccine. *International Journal of Behavioral Medicine*, *28*(1), 151-158.
219. Schmidt, K.L., Merrill, S.M., Gill, R., Miller, G.E., Gadermann, A.M., & Kobor, M.S. (2021). Society to cell: How child poverty gets “under the skin” to influence child development and lifelong health. *Developmental Review*, *61*, 100983.
218. Stephens, J.E., Kessler, C.L., Buss, C., Miller, G.E., Grobman, W.A., Keenan-Devlin, L., Borders, A.E., & Adam, E.K. (2021). Early and current life adversity: Past and present influences on maternal diurnal cortisol rhythms during pregnancy. *Developmental Psychobiology*, *63*, 305-319.
217. Stevens, E.L., Han, Y.Y., Rosser, F., Forno, E., Acosta-Pérez, E., Miller, G.E., Canino P.G., & Celedón J.C. (2021). Maternal depressive symptoms, lung function, and severe asthma exacerbations in Puerto Rican children. *Journal of Allergy and Clinical Immunology: In Practice*, *9*, 1139-1326.
216. Young, E.S., Doom, J.R., Farrel, A.K., Carlson, E.A., Englund, M.M., Miller, G.E., Gunnar, M.R., Roisman, G.I., & Simpson, J.A. (2021). Life stress and cortisol reactivity: An exploratory analysis of the effects of stress exposure across life on HPA-axis functioning. *Development and Psychopathology*, *33*, 301-312.
- 2020**
215. Brody, G.H., Yu, T., Chen, E., & Miller, G.E. (2020). Persistence of skin-deep in resilience in African American adults. *Health Psychology*, *39*, 921-926.
214. Brody, G.H., Yu, T., Miller, G.E., & Chen, E. (2020). A family-centered prevention ameliorates the associations of low self-control during childhood with employment income and poverty status in young African-American adults. *Journal of Child Psychology and Psychiatry*, *61*, 425-435.
213. Chen, E., Yu, T., Siliezar, R., Drage, J.N., Dezil, J., Miller, G.E., & Brody, G.H. (2020). Evidence for skin-deep resilience using a co-twin control design: Effects on low-grade inflammation in a longitudinal study of youth. *Brain, Behavior, and Immunity*, *88*, 661-667.
212. Cohen, S., Chiang, J.J., Janicki-Deverts, D., & Miller, G.E. (2020). Good relationships with parents during childhood as buffers of the association between childhood disadvantage and adult susceptibility to the common cold. *Psychosomatic Medicine*, *82*, 538-547.
211. Finegood, E.D., Chen, E., Kish, J., Vause, K., Leigh, A.K.K., Hoffer, L., & Miller, G.E. (2020). Community violence and cellular and cytokine indicators of inflammation in adolescents. *Psychoneuroendocrinology*, *115*, 104628.
210. Freedman, A.A., Goldstein, J.A., Miller, G.E., Borders, A., Keenan-Devlin, L., & Ernst, L.M. (2020). Seasonal variation in chronic villitis of unknown etiology. *Pediatric and Developmental Pathology*, *23*, 253-259.

209. Jenkins, L.M., Chiang, J., Vause, K., Hoffer, L., Alpert, K., Parrish, T.B., Wang, L. & Miller, G.E. (2020). Subcortical structural variations associated with low socioeconomic status in adolescents. *Human Brain Mapping, 41*, 162-171.
208. Jenkins, L.M., Chiang, J., Vause, K., Hoffer, L., Alpert, K., Parrish, T.B., Miller, G.E., & Wang, L. (2020). Subcortical protrusion associated with sub-clinical depression symptoms in adolescents. *NeuroImage: Clinical, 102*187.
207. Landeo-Gutierrez, J., Forno, E., Miller, G.E., & Celedón, J.C. (2020). Exposure to violence, psychosocial stress, and asthma. *American Journal of Respiratory and Critical Care Medicine, 201*, 917-922.
206. Miller, G.E., Chen, E., Yu, T., & Brody, G.H. (2020). Youth who achieve upward socioeconomic mobility display lower psychological distress but higher metabolic syndrome rates as adults: Prospective evidence from Add Health and MIDUS. *Journal of the American Heart Association, 9*, e015698.
205. Moriarty, D.P., Ng, T., Titone, M.K., Chat, I.K., Nusslock, R., Miller, G.E., & Alloy, L.B. (2020). Reward responsiveness and ruminative styles interact to predict inflammation and mood symptomatology. *Behavior Therapy, 51*, 829-842.
204. Stoye, D.Q., Andrew, R., Grobman, W.A., Adam, E.K., Wadhwa, P.D., Buss, C., Entringer, S, Miller, G.E, Boardman, J.P., Seckl, J.R., Keenan-Devlin, L.S., Borders, A.E.B., & Reynolds, R.M. (2020). Maternal glucocorticoid metabolism across pregnancy: A potential mechanism underlying fetal glucocorticoid exposure. *Journal of Clinical Endocrinology and Metabolism, 105*, 1-9.

### 2019

203. Alcántara, C., Cosenzo, L.G., Shimbo, D., & Miller, G.E. (2019). Longer sleep duration and endothelial cell health among a multi-ethnic sample of adolescents. *Psychosomatic Medicine, 81*, 778-781.
202. Brody, G.H., Yu, T., Miller, G.E., Ehrlich, K.B., & Chen, E. (2019). Preventive parenting intervention during childhood and young Black adults' unhealthful behaviors: A randomized controlled trial. *Journal of Child Psychology and Psychiatry, 60*, 63-71.
201. Brody, G.H., Yu, T., Nusslock, R., Barton, A.W., Miller, G.E., Chen, E., Holmes, C., McCormick, M., & Sweet, L.H. (2019). The protective effects of supportive parenting on the relationship between adolescent poverty and resting state functional brain connectivity during adulthood. *Psychological Science, 30*, 1040-1049.
200. Chen, E., Hayen, R., Le, V., Austin, M.K., Shalowitz, M.U., Story, R.E., & Miller, G.E. (2019). Neighborhood social conditions, family relationships, and childhood asthma. *Pediatrics, 144*, e20183300.
199. Chen, E., Shalowitz, M.U., Story, R.E., Hayen, R., Leigh, A.K.K., Hoffer, L.C., Austin, M.K., Lam, P.H., Brody, G.H., & Miller, G.E. (2019). The costs of high self-control in Black and Latino youth with asthma: Divergence of mental health and inflammatory profiles. *Brain, Behavior, and Immunity, 80*, 120-128.
198. Chiang, J.J., Chen, E., Leigh, A.K.K., Hoffer, L.C., Lam, P.H., & Miller, G.E. (2019). Familism and inflammatory processes in African-American, Latino, and White youth. *Health Psychology, 38*, 306-317.
197. Ehrlich, K.B., Chen, E., Yu, T., Miller, G.E., & Brody, G.H. (2019). Exposure to parental depression in adolescence and risk for metabolic syndrome in adulthood. *Child Development, 90*, 1272-1285.

196. Ehrlich, K.B., Miller, G.E., Shalowitz, M., Story, R., Levine, C., Williams, D., Le, V., & Chen, E. (2019). Secure base representations in children with asthma: Links with symptoms, family asthma management, and cytokine regulation. *Child Development, 90*, e718-e728.
195. Hanson, J.L., Gilmore, A., Holmes, C.J., Yu, T., Barton, A.W., Beach, S.R., Galván, A., MacKillop, J., Windle, M., Chen, E., Miller, G.E., Sweet, L.H., & Brody, G.H. (2019). A family-focused intervention influences hippocampal-prefrontal connectivity through gains in self-regulation. *Child Development, 90*, 1389-1401.
194. Hostinar, C.E., & Miller, G.E. (2019). Protective factors for youth confronting economic hardship: Current challenges and future avenues in resilience research. *American Psychologist, 74*, 641-652.
193. Keenan-Devlin, L., Awosemusi, Y., Grobman, W., Simhan, H., Adam, E., Culhane, J., Miller, G.E., & Borders A.E. (2019). Early term delivery and breastfeeding outcomes. *Maternal and Child Health Journal, 23*, 1339-1347.
192. Levine, C.S., Markus, H.R., Austin, M.K., Chen, E., & Miller, G.E. (2019). Students of color show health advantages when they attend schools that emphasize the value of diversity. *Proceedings of the National Academy of Sciences of the United States of America, 116*, 6013-6018.
191. Levine, C.S., Miller, G.E., Shalowitz, M.U., Story, R.E., Manczak, E.M., Hayen, R., Hoffer, L.C., Le, V., Vause, K.J., & Chen, E. (2019). Academic inequality and health: How gender-based inequality in schools relates to boys' and girls' health. *Social Science & Medicine, 228*, 126-134.
190. McDade, T.W., Kuzawa, C.W., Borja, J., Arevalo, J.M.G., Miller, G.E., & Cole, S.W. (2019). Profiles of gene expression in maternal blood predict offspring birth weight in normal pregnancy. *Journal of Developmental Origins of Health and Disease, 1-7*.
189. McDade, T.W., Ryan, C.P., Jones, M.J., Hoke, M.K., Borja, J., Miller, G.E., Kuzawa, C.W., & Kobor, M.S. (2019). Genome-wide analysis of DNA methylation in relation to socioeconomic status during development and early adulthood. *American Journal of Physical Anthropology, 169*, 3-11.
188. Miller, G.E., Chen, E., & Shimbo, D. (2019). Mechanistic understanding of socioeconomic disparities in cardiovascular disease. *Journal of the American College of Cardiology, 73*, 3256-3258.
187. Nusslock, R., Brody, G.H., Armstrong, C.C., Carroll, A.L., Sweet, L.H., Yu, T., Barton, A.W., Hallowell, E., Chen, E., Higgins, J., Parrish, T.B., Wang, L., & Miller, G.E. (2019). Higher peripheral inflammatory signaling associated with lower resting state functional brain connectivity in emotion regulation and central executive networks. *Biological Psychiatry, 86*, 153-162.
186. White, S.F., Voss, J.L., Chiang, J.J., Wang, L., McLaughlin, K.A., & Miller, G.E. (2019). Exposure to violence and low family income are associated with heightened amygdala responsiveness to threat among adolescents. *Developmental Cognitive Neuroscience, 40*, 100709.
185. Young, E.S., Farrel, A.K., Carlson, E.A., Englund, M.M., Miller, G.E., Gunnar, M.R., Roisman, G.I., & Simpson, J.A. (2019). The dual impact of early and concurrent life stress on adult diurnal cortisol patterns: A prospective study. *Psychological Science, 30*, 739-747.

## **2018**

184. Austin, M.K., Chen, E., Ross, K.M., McEwen, L.M., MacIassac, J.L., Kobor, M.S., & Miller, G.E. (2018). Early-life socioeconomic disadvantage, but not current, predicts accelerated epigenetic aging of monocytes. *Psychoneuroendocrinology, 97*, 131-134.

183. Brody, G.H., Yu, T., Chen, E., Ehrlich, K.B., & Miller, G.E. (2018). Racial discrimination, body mass index, and insulin resistance: A longitudinal analysis. *Health Psychology, 37*, 1107-1114.
182. Brody, G.H., Yu, T., Miller, G.E., Ehrlich, K.B., & Chen, E. (2018). John Henryism coping and metabolic syndrome among young black adults. *Psychosomatic Medicine, 80*, 216-221.
181. Chen, E., Miller, G.E., Yu, T., & Brody, G.H. (2018). Unsupportive parenting moderates the effects of family psychosocial intervention on metabolic syndrome in African American youth. *International Journal of Obesity, 42*, 634-640.
180. Chen, E., Yu, T., Miller, G.E., & Brody, G.H. (2018). Substance use and obesity trajectories in African Americans entering adulthood. *American Journal of Preventive Medicine, 55*, 856-863.
179. Chiang, J.J., Chen, E., & Miller, G.E. (2018). Midlife self-reported social support as a buffer against premature mortality risks associated with abuse during childhood. *Nature Human Behaviour, 2*, 261-268.
178. Chiang, J.J., Turiano, N., Mroczek, D.E., & Miller, G.E. (2018). Affective reactivity to daily stress and 20-year mortality risk in adults with chronic illness: Findings from the National Study of Daily Experiences. *Health Psychology, 37*, 170-178.
177. Davidson, K.W., Alcántara, C., & Miller, G.E. (2018). Selected psychological comorbidities in coronary heart disease: Challenges and grand opportunities. *American Psychologist, 73*, 1019-1030.
176. Gaydos, L., Schorpp, K., Chen, E., Miller, G.E., & Harris, K.M. (2018). College completion predicts lower depression but higher metabolic syndrome among disadvantaged minorities in young adulthood. *Proceedings of the National Academy of Sciences of the United States of America, 115*, 109-114.
175. Lam, P.H., Miller, G.E., Chiang, J.J., Levine, C.S., Le, V., Shalowitz, M.U., Story, R.E. & Chen, E. (2018). One size does not fit all: Links between shift-and-persist on asthma in youth are moderated by perceived family social status and unfair treatment. *Development and Psychopathology, 30*, 1699-1714.
174. Miller G.E., Chen, E., Armstrong, C.C., Carroll, A.L., Ozturk, S., Rydland, K.J., Brody, G.H., Parrish, T.B., & Nusslock, R. (2018). Functional connectivity in central executive network protects children against cardiometabolic risks linked with neighborhood violence. *Proceedings of the National Academy of Sciences of the United States of America, 115*, 12063-12068.
173. Miller, G.E., Chen, E., Shalowitz, M.U., Story, R.E., Leigh, A.K.K., Ham, P., Arevalo, J.M.G., & Cole, S.W. (2018). Divergent transcriptional profiles in pediatric asthma patients of low and high socioeconomic status. *Pediatric Pulmonology, 53*, 710-719.
172. Penedo, F.J., Antoni, M.H., Moreno, P.I., Traeger, L., Perdomo, D., Dahn, J., Miller, G.E., Cole, S., Orjuela, J, Pizarro, E., & Yanez, B. (2018). Study design and protocol for a culturally adapted cognitive behavioral stress and self-management intervention for localized prostate cancer: The Encuentros de Salud study. *Contemporary Clinical Trials, 71*, 173-180.

### 2017

171. Beach, S.R.H., Lei, M.K., Brody, G.H., Miller, G.E., Chen, E., Mandara, J., & Philibert, R.A. (2017). Smoking in young adulthood among African Americans: Interconnected effects of supportive parenting in early adolescence, pro-inflammatory epitype, and young adult stress. *Development and Psychopathology, 29*, 957-969.

170. Brody, G.H., Gray, J., Yu, T., Barton, A.W., Beach, S.R.H., Galván, A., MacKillop, J., Windle, M., Chen, E., Miller, G.E., & Sweet, L.H. (2017). Protective prevention effects on the association of poverty with brain development. *JAMA Pediatrics*, *171*, 46-52.
169. Brody, G.H., Yu, T., Chen, E., & Miller, G.E. (2017). Family-centered prevention ameliorates the association between adverse childhood experiences and prediabetes status in young black adults. *Preventive Medicine*, *100*, 117-122.
168. Chen, E., Brody, G.H., & Miller, G.E. (2017). Childhood close family relationships and health. *American Psychologist*, *72*, 555-566.
167. Chen, E., Miller, G.E., Shalowitz, M.U., Story, R.E., Levine, C.S., Hayen, R., Sbihi, H., & Brauer, M. (2017). Difficult family relationships, residential greenspace, and childhood asthma. *Pediatrics*, *139*, e20163056.
166. Chen, E., Shalowitz, M. U., Story, R.E., Ehrlich, K.B., Manczak, E., Ham, P., Le, V., & Miller, G.E. (2017). Parent's childhood socioeconomic circumstances are associated with their children's asthma outcomes. *Journal of Allergy and Clinical Immunology*, *140*, 828-835.
165. Hostinar, C.E., Nusslock, R., & Miller, G.E. (2017). Future directions in the study of early-life stress, physical and emotional health: Implications of the neuroimmune network hypothesis. *Journal of Clinical Child and Adolescent Psychology*, *20*, 1-15.
164. Hostinar, C.E., Ross, K. M., Chan, M., Chen, E., & Miller, G.E. (2017). Threat vigilance and socioeconomic disparities in metabolic health. *Development and Psychopathology*, *29*, 1721-1733.
163. Hostinar, C.E., Ross, K.M., Chen, E., & Miller, G.E. (2017). Early-life socioeconomic disadvantage and metabolic health disparities. *Psychosomatic Medicine*, *79*, 514-523.
162. Johnson, W.F., Huelsnitz, C.O., Carlson, E.A., Roisman, G.I., Englund, M.M., Miller, G.E., & Simpson, J.A. (2017). Childhood abuse and neglect and physical health at midlife: Prospective, longitudinal evidence. *Development and Psychopathology*, *29*, 1935-1946.
161. Keenan-Devlin, L., Ernst, L., Ross, K., Qadir, S., Grobman, W., Holl, J., Crockett, A., Miller, G.E., & Borders, A. (2017). Maternal income during pregnancy is associated with chronic placental inflammation at birth. *American Journal of Perinatology*, *34*, 1003-1010.
160. McDade, T.W., Jones, M.J., Miller, G.E., Borja, J.B., Kober, M.S., & Kuzawa, C.W. (2017). Birth weight and postnatal microbial exposures predict the distribution of peripheral blood leukocyte subsets in young adults in the Philippines. *Journal of Developmental Origins of Health and Disease*, *11*, 1-10.
159. McDade, T.W., Ryan, C., Jones, M.J., Maclsaac, J.L., Morin, A.M., Meyer, J.M., Borja, J.B., Miller, G.E., Kober, M.S., & Kuzawa, C.W. (2017). Social and physical environments early in development predict DNA methylation of inflammatory genes in young adulthood. *Proceedings of the National Academy of Sciences of the United States of America*, *114*, 7611-7616.
158. Miller, G.E., Borders, A.E., Crockett, A.H., Ross, K.M., Qadir, S., Keenan-Devlin, L., Leigh, A.K., Ham, P., Ma, J., Arevalo, J.M., Ernst, L.M., & Cole, S. (2017). Maternal socioeconomic disadvantage is associated with transcriptional indications of greater immune activation and slower tissue maturation in placental biopsies and newborn cord blood. *Brain, Behavior, and Immunity*, *64*, 276-284.
157. Miller, G.E., Chen, E., Yu, T., & Brody, G.H. (2017). Metabolic syndrome risks following the Great Recession in rural Black young adults. *Journal of the American Heart Association*, *6*, e006052.

156. Miller, G.E., Culhane, J.F., Grobman, W., Simhan, H.N., Williamson, D.F., Adam, E.K., Buss, C., Entringer, S., Kim, K.Y., Garcia-Espana, F., Keenan-Devlin, L., McDade, T.W., Wadhwa, P., & Borders, A. (2017). Mothers' childhood hardship forecasts adverse birth outcomes: Role of inflammatory, lifestyle, and psychosocial pathways. *Brain, Behavior, and Immunity*, 65, 11-19.

155. Ross, K.M., Miller, G.E., Qadir, S., Keenan-Devlin, L., Leigh, A.K.K., & Borders, A. (2017). Positive and negative aspects of the romantic partner relationship and peripheral inflammation over the second and third trimesters of pregnancy. *Psychoneuroendocrinology*, 77, 252-260.

## **2016**

154. Brody, G.H., Miller, G.E., Yu, T., Beach, S.R.H., & Chen, E. (2016). Supportive family environments ameliorate the link between racial discrimination and epigenetic aging: A replication across two longitudinal cohorts. *Psychological Science*, 27, 530-541.

153. Brody, G.H., Yu, T., Chen, E., Beach, S.R.H., & Miller, G.E. (2016). Family-centered prevention ameliorates the longitudinal association between risky family processes and epigenetic aging. *Journal of Child Psychology and Psychiatry*, 57, 566-574.

152. Brody, G. H., Yu, T., Miller, G.E., & Chen, E. (2016). Resilience in adolescence, health, and psychosocial outcomes. *Pediatrics*, 138, e20161042.

151. Brody, G. H., Yu, T., Miller, G.E., & Chen, E. (2016). Youth temperament, harsh parenting, and variation in the oxytocin receptor gene forecast allostatic load during emerging adulthood. *Development and Psychopathology*, 13, 1-13.

150. Chan, M., Miller, G.E., & Chen, E. (2016). Early life socioeconomic status and metabolic outcomes in adolescents: The role of implicit affect about one's family. *Health Psychology*, 35, 387-396.

149. Chen, E., Miller, G.E., Yu, T., & Brody, G.H. (2016). The Great Recession and health risks in African-American youth. *Brain, Behavior, and Immunity*, 53, 234-241.

148. Chen, E., Shalowitz, M. U., Story, R.E., Ehrlich, K. B., Levine, C. S., Hayen, R., Leigh, A. K. K., & Miller, G.E. (2016). Dimensions of socioeconomic status and childhood asthma outcomes: Evidence for distinct behavioral and biological associations. *Psychosomatic Medicine*, 78, 143-1052.

147. Chen, E., Turiano, N.A., Mroczek, D.K., & Miller, G.E. (2016). Reports of childhood abuse associated with all-cause mortality rates in women. *JAMA Psychiatry*, 73, 920-927.

146. de la Hoz, R.E., Yunho, J., Miller, G.E., Wisnivesky, J.P., Celedón, J.C. (2016). Post-traumatic stress disorder, bronchodilator response, and incident asthma in World Trade Center rescue and recovery workers. *American Journal of Respiratory and Critical Care Medicine*, 194, 1383-1391.

145. Ehrlich, K.B., Miller, G.E., Rohleder, N., & Adam, E.K. (2016). Trajectories of relationship stress and inflammatory processes in adolescence. *Development and Psychopathology*, 28, 127-138.

144. Ehrlich, K. B., Miller, G.E., Scheide, T., Baveja, S., Weiland, R., Galvin, J., Mehta, J., & Penedo, F. (2016). Pre-transplant emotional support is associated with longer survival after allogeneic hematopoietic stem cell transplantation. *Bone Marrow Transplantation*, 51, 1594-1598.

143. Ehrlich, K.B., Ross, K.M., Chen, E., & Miller, G.E. (2016). Testing the biological embedding hypothesis: Is early life adversity associated with a later proinflammatory phenotype? *Development and Psychopathology*, 28, 1273-1283.

142. Han, Y.Y., Forno, E., Marsland, A.L., Miller, G.E., & Celedón, J.C. (2016). Depression, asthma, and bronchodilator response in a nationwide study of US adults. *Journal of Allergy and Clinical Immunology Practice*, 4, 68-73.
141. Herriot, H., Wrosch, C., Gouin, J. P., & Miller, G.E. (2016). Intra-individual cortisol variability and low-grade inflammation over 10 years in older adults. *Psychoneuroendocrinology*, 77, 141-149.
140. Hostinar, C.E., Davidson, R. J., Graham, E. K., Mroczek, D. K., Lachman, M.E., Seeman, T.E., van Reekum, C. M., & Miller, G.E. (2016). Frontal brain asymmetry, childhood maltreatment, and low-grade inflammation at midlife. *Psychoneuroendocrinology*, 75, 152-163.
139. McDade, T.W., Ross, K., Fried, R., Arevalo, J.M.G., Ma, J., Miller, G.E., & Cole, S.W. (2016). Genome-wide profiling of RNA from dried blood spots: Convergence with bioinformatic results derived from whole venous blood and peripheral blood mononuclear cells. *Biodemography and Social Biology*, 62, 182-197.
138. Miller, G.E., Cohen, S., Janicki-Deverts, D., Brody, G.H., & Chen, E. (2016). Viral challenge reveals further evidence of skin-deep resilience in African Americans from disadvantaged backgrounds. *Health Psychology*, 35, 1225-1234.
137. Miller, G.E., Engen, P.A., Gillevet, P., Shaikh, M., Sikaroodi, M., Forsyth, C.B., Mutlu, E., & Keshavarzian, A. (2016). Lower neighborhood socioeconomic status associated with reduced diversity of the colonic microbiota in healthy adults. *PLOS ONE*, 11, e0148952.
136. Nusslock, R., & Miller, G.E. (2016). Early-life adversity and physical and emotional health across the lifespan: A neuro-immune network hypothesis. *Biological Psychiatry*, 80, 23-32.
135. Ross, K.M., Miller, G.E., Culhane, J.F., Grobman, W., Simhan, H.N., Wadhwa, P., Williamson, D.F., McDade, T., Buss, C., Entringer, S., Adam, E. K., Qadir, S., Keenan-Devlin, L., & Borders, A.E. (2016). Patterns of peripheral cytokine expression during pregnancy in two cohorts and associations with inflammatory markers in cord blood. *American Journal of Reproductive Immunology*, 76, 406-414.
134. Schreier, H.M., Chen, E., & Miller, G.E. (2016). Child maltreatment and pediatric asthma: A review of the literature. *Asthma Research and Practice*, 2, 7.

## **2015**

133. 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.
132. 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.
131. Chen, E., Miller, G.E., Brody, G.H., & Lei, M. (2015). Neighborhood poverty, college attendance, and diverging profiles of substance use and allostatic load in rural African-American youth. *Clinical Psychological Science*, 3, 675-685.
130. Ehrlich, K.B., Miller, G.E., & Chen, E. (2015). Harsh parent-child conflict is associated with decreased anti-inflammatory gene expression and increased symptom severity in children with asthma. *Development and Psychopathology*, 27, 1547-1554.
129. Ehrlich, K.B., Miller, G.E., & Chen, E. (2015). Family functioning, eosinophil activity, and symptoms in children with asthma. *Journal of Pediatric Psychology*, 40, 781-789.



128. 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. (2015). 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*, 965-986.
127. Hostinar, C.E., Lachman, M.E., Mroczek, D., Seeman, T.E., & Miller, G.E. (2015). Additive roles of childhood adversity and recent stressors in explaining inflammation at midlife: Findings from the national MIDUS study. *Developmental Psychology*, *51*, 1630-1644.
126. 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.
125. 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.
124. Miller, G.E., Yu, T., Chen, E., & Brody, G.H. (2015). 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*, *112*, 10325-10330.
123. 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.
122. 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. (2015). Exposure to gun violence and asthma among children in Puerto Rico. *Respiratory Medicine*, *109*, 975-981.
121. 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. (2015). The Canadian Healthy Infant Longitudinal Development (CHILD) Study: Examining developmental origins of allergy and asthma. *Thorax*, *70*, 998-1000.

#### 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  $\beta$ -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 socioeconomics 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- $\kappa$ 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**

46. Carney, R.M., Freedland, K.E, Stein, P.K., & Miller, G.E., Steinmeyer, B., Rich, M.D., & Duntley, S.P. (2007). Heart rate variability and markers of inflammation and coagulation in depressed patients with coronary heart disease. *Journal of Psychosomatic Research*, 62, 463-467.
45. Chen, E., Chim, L., Strunk, R.C., & Miller, G.E. (2007). The role of the social environment in childhood asthma. *American Journal of Respiratory and Critical Care Medicine*, 176, 644-649.
44. Chen, E., & Miller, G.E. (2007). Stress and inflammation in exacerbations of asthma. *Brain, Behavior, and Immunity*, 21, 993-999.

43. Cohen, S., Janicki-Deverts, D., & Miller, G.E. (2007). Psychological stress and disease. *Journal of the American Medical Association*, *298*, 185-1687.
42. Glassman, A.H., & Miller, G.E. (2007). Editorial: Where there is depression, there is inflammation ... Sometimes! *Biological Psychiatry*, *62*, 280-281.
41. Marin, T.J., Martin, T.M., Blackwell, E., Stetler, C., & Miller, G.E. (2007). Differentiating the impact of episodic and chronic stressors on HPA axis regulation in young women. *Health Psychology*, *26*, 447-455.
40. Miller, G.E., & Chen, E. (2007). Unfavorable socioeconomic conditions in early life presage expression of pro-inflammatory phenotype in adolescence. *Psychosomatic Medicine*, *69*, 402-409.
39. Miller, G.E., Chen, E., & Zhou, E.S. (2007). If it goes up, must it come down? Chronic stress and the hypothalamic-pituitary-adrenocortical axis in humans. *Psychological Bulletin*, *133*, 25-45.
38. Miller, G.E., & Wrosch, C. (2007). You've gotta know when to fold 'em: Goal disengagement and systemic inflammation in adolescence. *Psychological Science*, *18*, 773-777.
37. Wrosch, C., Bauer, I., Miller, G.E., & Lupien, S. (2007). Regret intensity, diurnal cortisol secretion, and physical health in older individuals: Evidence for directional effects and protective factors. *Psychology and Aging*, *22*, 319-330.
36. Wrosch, C., Miller, G.E., Scheier, M.F., & Brun de Pontet, S. (2007). Giving up on unattainable goals: Benefits for health? *Personality and Social Psychology Bulletin*, *33*, 251-265.
35. Wrosch, C., Schultz, R., Miller, G.E., Lupien, S., & Dunne, E. (2007). Physical health problems, depressive mood, and cortisol secretion in old age: Buffer effects of health engagement control strategies. *Health Psychology*, *26*, 341-349.

### **2006**

34. Blackwell, E., Mendes de Leon, C., & Miller, G.E. (2006). Applying mixed regression models to the analysis of repeated-measures data in psychosomatic medicine. *Psychosomatic Medicine*, *68*, 870-878.
33. Carney, R.M., Howells, W.B., Freedland, K.E, Duntley, S.P., Stein, P.K., Rich, M.D., & Miller, G.E. (2006). Depression and obstructive sleep apnea in patients with coronary heart disease. *Psychosomatic Medicine*, *68*, 443-448.
32. Chen, E., Hanson, M.D., Paterson, L.Q., Griffin, M.J., Walker, H.A., & Miller, G.E. (2006). Socioeconomic status and inflammatory processes in children with asthma: The role of psychological stress. *Journal of Allergy and Clinical Immunology*, *117*, 1014-1020.
31. Forlenza, M.J., & Miller, G.E. (2006). Increased serum levels of 8-hydroxy-2'-deoxyguanosine in clinical depression. *Psychosomatic Medicine*, *68*, 1-7.
30. Freedland, K.E., Miller, G.E., & Sheps, D.S. (2006). Editorial: The great debate editorial, revisited. *Psychosomatic Medicine*, *68*, 638-640.
29. Freedland, K.E., Miller, G.E., & Sheps, D.S. (2006). Editorial: The great debate, revisited. *Psychosomatic Medicine*, *68*, 179-184.
28. Miller, G.E., & Blackwell, E. (2006). Turning up the heat: Inflammation as a mechanism linking chronic stress, depression, and heart disease. *Current Directions in Psychological Science*, *15*, 269-272.

27. Miller, G.E., & Chen, E. (2006). Stressful experience and diminished expression of genes encoding the glucocorticoid receptor and  $\beta$ 2-adrenergic receptor in children with asthma. *Proceedings of the National Academy of Sciences of the United States of America*, *103*, 5496-5501.

26. Stetler, C.A., Chen, E., & Miller, G.E. (2006). Written disclosure of experiences with racial discrimination and antibody response to an influenza vaccine. *International Journal of Behavioral Medicine*, *13*, 60-68.

#### **2005**

25. Miller, G.E., Freedland, K.E., & Carney, R.M. (2005). Depressive symptoms and the regulation of pro-inflammatory cytokine expression in patients with coronary heart disease. *Journal of Psychosomatic Research*, *59*, 231-236.

24. Miller, G.E., Freedland, K.E., Duntley, S., & Carney, R.M. (2005). Relation of depressive symptoms to C-reactive protein and pathogen burden (cytomegalovirus, herpes simplex virus, Epstein-Barr virus) in patients with earlier acute coronary syndromes. *American Journal of Cardiology*, *95*, 317-321.

23. Miller, G.E., Rohleder, N., Stetler, C.A., & Kirschbaum, C. (2005). Clinical depression and regulation of the inflammatory response during acute stress. *Psychosomatic Medicine*, *67*, 679-687.

22. Pressman, S., Cohen, S., Miller, G.E., Rabin, B. S., Barker, A., & Treanor, J. (2005). Loneliness, social network size, and immune response to influenza vaccination in college freshman. *Health Psychology*, *24*, 297-306.

21. Stetler, C.A., & Miller, G.E. (2005). Blunted cortisol response to awakening in mild to moderate depression: Regulatory influences of sleep patterns and social contacts. *Journal of Abnormal Psychology*, *114*, 697-705.

#### **2004**

20. Martire, L., Lustig, A., Schultz, R.M., Miller, G.E., & Helgeson, V.E. (2004). Is it beneficial to involve a family member? A meta-analysis of psychosocial interventions for chronic illness. *Health Psychology*, *23*, 599-611.

19. Miller, G.E., Cohen, S., Pressman, S., Barkin, A., Rabin, B.S., & Treanor, J. (2004). Psychological stress and the antibody response to influenza vaccination: When is the critical period for stress, and how does it get inside the body? *Psychosomatic Medicine*, *66*, 215-223.

18. Segerstrom, S.C., & Miller, G.E. (2004). Psychological stress and the human immune system: A meta-analytic study of 30 years of inquiry. *Psychological Bulletin*, *130*, 601-630.

17. Stetler, C.A., Dickerson, S.D., & Miller, G.E. (2004). Uncoupling of social zeitgebers and diurnal cortisol secretion in clinical depression. *Psychoneuroendocrinology*, *29*, 1250-1259.

#### **2003**

16. Miller, G.E., Freedland, K.E., Carney, R.M., Stetler, C.A., & Banks, W.A. (2003). Cynical hostility, depressive symptoms, and the expression of inflammatory risk markers for coronary heart disease. *Journal of Behavioral Medicine*, *26*, 501-515.

15. Miller, G.E., Freedland, K.E., Carney, R.M., Stetler, C.A., & Banks, W.A. (2003). Pathways linking depression, adiposity, and inflammation in healthy young adults. *Brain, Behavior, and Immunity*, *17*, 276-285.



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.

#### **2002**

13. Carney, R.M., Freedland, K.E., Miller, G.E., & Jaffe, A.S. (2002). Depression as a risk factor for cardiac mortality and morbidity: A review of potential mechanisms. *Journal of Psychosomatic Research*, 53, 897-902.
12. Miller, G.E., Cohen, S., & Ritchey, A.K. (2002). Chronic psychological stress and the regulation of pro-inflammatory cytokines: A glucocorticoid resistance model. *Health Psychology*, 21, 531-541.
11. Miller, G.E., Stetler, C.A., Carney, R.M., Freedland, K.E., & Banks, W.A. (2002). Clinical depression and inflammatory risk markers for coronary heart disease. *American Journal of Cardiology*, 90, 1279-1283.

#### **2001**

10. Cohen, S., Miller, G.E., & Rabin, B.S. (2001). Psychological stress and antibody response to immunization: A critical review of the human literature. *Psychosomatic Medicine*, 63, 7-18.
9. Miller, G.E., & Cohen, S. (2001). Psychological interventions and the immune system: A meta-analytic review and critique. *Health Psychology*, 20, 47-63.

#### **2000 and Prior**

8. Dopp, J.M., Miller, G.E., Myers, H.F., & Fahey, J.L. (2000). Increased natural killer cell mobilization and cytotoxicity during marital conflict. *Brain, Behavior, and Immunity*, 14, 10-26.
7. Miller, G.E., Cohen, S., & Herbert, T.B. (1999). Pathways linking major depression and immunity in ambulatory female patients. *Psychosomatic Medicine*, 61, 850-860.
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.
5. Miller, G.E., Dopp, J.M., Myers, H.F., Stevens, S.Y., & Fahey, J.L. (1999). Psychosocial predictors of natural killer cell mobilization during marital conflict. *Health Psychology*, 18, 262-271.
4. Miller, G.E., & Cole, S.W. (1998). Social relationships and the progression of human immunodeficiency virus infection: A review of evidence and possible underlying mechanisms. *Annals of Behavioral Medicine*, 20, 181-189.
3. Benschop, R. J., Geenen, R., Mills, P. J., Naliboff, B. D., Kiecolt-Glaser, J. K., Herbert, T. B., van der Pompe, G., Miller, G.E., Matthews, K. A., Godaert, G. L., Gilmore, S. L., Glaser, R., Heijnen, C. J., Dopp, J. M., Bijlsma, J. W., Solomon, G. F., & Cacioppo, J. T. (1998). Cardiovascular and immune responses to acute psychological stress in young and old women: a meta-analysis. *Psychosomatic Medicine*, 60, 290-296.
2. Miller, G.E., & Bradbury, T.N. (1995). Refining the association between attributions and behavior in marital interaction. *Journal of Family Psychology*, 9, 196-208.
1. Miller, G.E., Jarvik, M.E., Caskey, N.H., Segerstrom, S.C., Rosenblatt, M.R., McCarthy, W.J. (1994). Cigarette mentholation increases smokers' exhaled carbon monoxide levels. *Experimental and Clinical Psychopharmacology*, 2, 154-160.

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## POPULAR MEDIA

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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

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## EDITED BOOKS

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

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## BOOK CHAPTERS

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Levine, C. S., Miller, G.E., Lachman, M.E., Seeman, T.E., & Chen, E. (2018). Early life adversity and adult health. In C. D. Ryff & R. F. Krueger (Eds.), *Oxford handbook of integrated health science* (pp.49-61). New York: Oxford University Press.

Kim, P., Evans, G.W., Chen, E., Miller, G.E., & Seeman, T. (2018). How socioeconomic disadvantage gets under the skin and into the brain to influence health development across the lifespan. In N. Halfon, C.B. Forrest, R.M. Lerner, & E.M. Faustman (Eds.), *Handbook of life course health development* (pp. 463-498). Cham, Switzerland: Springer Nature.

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 ed* (pp. 586-595). New York: Guilford.

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, 4<sup>th</sup> 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: Oxford University Press.

Stetler, C.A., Murali, R., Chen, E., & Miller, G.E. (2005). Stress, immunity, and disease. In C.L. Cooper (Ed.) *Handbook of stress medicine and health* (pp. 131-154), London: CRC Press.

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.

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## **KEYNOTES & COLLOQUIA**

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### **2022**

- Network on Socioeconomic Status and Neuroscience

### **2021**

- Psychoneuroimmunology Research Society, Presidential Speaker Series
- International Society of Psychoneuroendocrinology, Plenary Lecture
- German Psychological Association, Health Psychology Division, Keynote Lecture
- NorthShore University Health System, Department of Pathology, Grand Rounds

### **2020**

- University of Texas, Population Research Center
- Mount Sinai School of Medicine, Dept of Environmental Medicine & Public Health, Grand Rounds
- Washington University School of Medicine, Lee Robins Endowed Lecture

### **2019**

- Harvard University, Radcliffe Institute, Workshop on poverty-related disparities in childhood cancer
- University of Vermont School of Medicine, Center on Behavior and Health
- Medical College of Wisconsin, Neuroscience Research Seminar
- Emory University, Department of Psychiatry, Xiohang Wang Memorial Lecture
- National Academy of Medicine & UK Academy of Medical Sciences, Richard and Hinda Rosenthal Symposium "Behaviour change to improve health for all," London England

### **2018**

- University of Cambridge, School of Medicine, Keynote for Annual Applied Social Science Symposium
- Ohio State University, Institute for Behavioral Medicine Research
- University of Wisconsin, Department of Psychology
- National Academy of Medicine, Committee on Applying Neurobiological and Sociobehavioral Sciences from Prenatal through Early Childhood Development

### **2017**

- Harvard University, School of Medicine, National Council on the Developing Child
- Child and Brain Development Network, Canadian Institute for Advanced Research
- National Institute on Aging, Network on Midlife Reversibility
- Saint Louis University, Department of Psychology
- National Bureau of Economic Research, Children's Research Program

### **2016**

- Maternal Environment Conference, hosted by University of Chicago, Department of Economics
- International Pelvic Pain Society, Keynote Speaker
- Pennsylvania State University, Department of Biobehavioral Health
- University of California, Santa Barbara, Sage Center for Study of the Mind
- University of California, Berkeley, Institute for Personality and Social Research
- University of California, Davis, Center for Poverty Research

## **2015**

- Carnegie Mellon University, Department of Psychology, 100<sup>th</sup> Anniversary Lecture Series
- University of Oregon, Annual Leona Tyler Lecture
- University of California, San Francisco, Center for Health and Community
- 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, 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
- 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

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## **PROFESSIONAL AFFILIATIONS**

American Psychosomatic Society  
Association for Psychological Science  
Division of Health Psychology, APA

Psychoneuroimmunology Research Society  
Society for Behavioral Medicine  
Academy of Behavioral Medicine Research

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## **PROFESSIONAL SERVICE**

Member, Presidential Task Force on Health Equity, American Psychological Association, 2021  
Co-Chair, Working Group on Biology and Social Science, Russell Sage Foundation, 2014 - 2019  
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  
Executive Committee, *Canadian Healthy Infant Longitudinal Study*, 2007 - 2017

Guest Associate Editor, *American Psychologist* special issue on health equity  
Guest Editor, *Annual Review of Psychology*, 2017  
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, *Psychosomatic Medicine*, 2004 – 2008, 2010 -  
Consulting Editor, *Journal of Consulting and Clinical Psychology*, 2002 - 2008  
Consulting Editor, *Personality and Social Psychology Bulletin*, 2002 - 2005

Selection Committee, 2010, 2014, 2018 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, 2005-8

Scientific Officer, Career Scholar Panel, Michael Smith Foundation for Health Research, 2005-6

Psychoneuroimmunology Research Society, Program Committee 2005–6, Membership Committee 2007–8

American Psychosomatic Society, Program Committee, 2000-5