# CURRICULUM VITAE

**BIOGRAPHICAL**

**Name:** Karen A. Matthews

**Home Address:** 704 Robinhood Road **Home Phone:** 412-963-0321

Pittsburgh, PA 15215

**Citizenship:** United States **E-Mail Address:** matthewska@upmc.edu

**Business Address:** Department of Psychiatry

University of Pittsburgh

Western Psychiatric Institute & Clinic

3811 O'Hara Street

Pittsburgh, PA 15213

**Business Phone:** 412-648-7158 **Business Fax:** 412-648-7160

**EDUCATION and TRAINING**

**UNDERGRADUATE:**

1964-1966 Foothill Junior College, A.A. Psychology

Los Altos, CA 1966

1966-1968 University of California A.B. Psychology

at Berkeley, Berkeley, CA 1968

**GRADUATE:**

1970-1971 California State University at San Jose M.A. Psychology

San Jose, CA 1971

1972-1976 University of Texas at Austin Ph.D. Psychology

Austin, TX 1976

**APPOINTMENTS AND POSITIONS**

**ACADEMIC:**

1973 University of Texas at Austin Instructor

Department of Psychology

Austin, TX

1974-1975 University of Texas at Austin Research Associate

Department of Psychology David C. Glass, Supervisor

Austin, TX

1976-1978 Kansas State University Assistant Professor

Department of Psychology

Manhattan, KS

1977-1978 Institute of Environmental Research Research Associate

Kansas State University

Manhattan, KS

1979-1983 University of Pittsburgh Assistant Professor

Departments of Psychiatry, Epidemiology,

and Psychology, Pittsburgh, PA

1983-1989 University of Pittsburgh Associate Professor

Departments of Psychiatry, Epidemiology,

and Psychology, Pittsburgh, PA

1983-present Cardiovascular Behavioral Medicine Research Director

Training Program, University of Pittsburgh

Pittsburgh, PA

December 1985 Awarding of Tenure, Department of Psychiatry,

University of Pittsburgh, Pittsburgh, PA

1989-present University of Pittsburgh Professor

Departments of Psychiatry and Epidemiology

Pittsburgh, PA

1990-present University of Pittsburgh Professor

Department of Psychology

Pittsburgh, PA

1999-2010 The Pittsburgh Mind-Body Center Director

University of Pittsburgh and

Carnegie Mellon University

Pittsburgh, PA

2009-present University of Pittsburgh Professor

Clinical and Translational Science Institute

Pittsburgh, PA

2009-present University of Pittsburgh Distinguished Professor

Department of Psychiatry

Pittsburgh, PA

**MEMBERSHIPS IN PROFESSIONAL and SCIENTIFIC SOCIETIES**

American Psychological Association 1976-present

Society for Research in Child Development 1976-1983

Eastern Psychological Association 1979-present

American Psychosomatic Society 1980-present

American Heart Association 1980-present

Academy of Behavioral Medicine Research 1981-present

Society of Behavioral Medicine 1981-present

American Association for the Advancement of Science 1981-1987

Society of Experimental Social Psychology 1982-2000

American Psychological Society 1988-2003

Institute of Medicine 2002-present

**HONORS**

American Heart Association Established Investigatorship 1980-1985

Research Career Development Award, National Heart, Lung, and Blood Institute, 1980

offered and declined

Member of Academy of Behavioral Medicine Research 1981

Fellow of American Heart Association, Council of Epidemiology 1981

Fellow of American Psychological Association 1982

Award for Outstanding Contributions to Health Psychology, 1983

Division 38, American Psychological Association

Scientist-at-Large in MacArthur Foundation Network on Health-Promoting 1983-1988;

and Health-Damaging Behavior 1990-1993

Fellow of Society of Behavioral Medicine 1985

Prokasy Lecturer, University of Utah, Salt Lake City, UT 1987

President of Division 38, Health Psychology, American Psychological Association 1987-1988

Editor-in-Chief, Health Psychology 1990-1994

MERIT Award (Method to Extend Research in Time), 1990-2001

National Heart, Lung, and Blood Institute

President of American Psychosomatic Society 1990-1991

Award for Distinguished Contributions to Health Psychology, 1992

Division 38, American Psychological Association

One of 50 Highest Impact Authors in Psychology Based on Citations/ 1992

Number of Publications from 1986-1990, Institute for Scientific Information

Most Frequently Cited Author in Health Psychology, 1982-1991 1992

Citation Classic Recognition from Current Contents: 1992

Understanding a Psychological Risk Factor for Coronary Disease

Award for Significant Research Contribution, Society of Pediatric Psychology 1994

Distinguished Scientist Award, Society of Behavioral Medicine 1999

Chair, Center for Scientific Review Advisory Committee, National Institutes of Health 2000-2003

Distinguished Alumnus Award 2001

Department of Psychology, University of Texas at Austin

Master Lecturer, American Psychological Association, San Francisco, CA 2001

Member, Institute of Medicine 2002

Cardiovascular Research Award, North American Menopause Society/Pfizer 2004

American Psychosomatic Society President’s Award 2005

American Psychological Association Award for Distinguished Scientific Applications 2005

of Psychology

Philosophiae Doctor Honoris Causa, University of Helsinki, Finland 2007

Walker-Ames Lecturer, University of Washington, Seattle, WA 2008

Science Series Lecturer, Oregon Research Institute (ORI), Eugene, OR 2010

(Invited Lecture in honor of ORI’s 50th anniversary)

One of Top 100 Most Cited People in Psychiatry/Psychology, Web of Science 2011

Nathan Perry Career Service to Health Psychology Award,

Division 38 Health Psychology, American Psychological Association 2011

Albert Alden Lecturer, Duke University Department of Psychiatry 2012

American Psychosomatic Society Patricia R. Barchas Award 2013

James McKeen Cattell Lifetime Achievement Award for Applied Research, 2013

Association of Psychological Science

**PUBLICATIONS**

**Refereed Articles**

1. **Matthews KA**, Krantz DS. Resemblance of twins and their parents in pattern A behavior. Psychosom Med. 38:140-44, 1976.
2. **Matthews KA**, Glass DC, Rosenman RH, Bortner RW. Competitive drive, pattern A, and coronary heart disease: a further analysis of some data from the Western Collaborative Group Study. J Chronic Dis. 30:489-98, 1977.
3. **Matthews KA**. Caregiver-child interactions and the Type A coronary-prone behavior pattern. Child Dev. 48:1752-6, 1977.
4. **Matthews KA**, Saal FE. Relationship of the Type A coronary-prone behavior pattern to achievement, power, and affiliation motives. Psychosom Med. 40:631-6, 1978.
5. Weidner G, **Matthews KA**. Reported physical symptoms elicited by unpredictable events and the Type A coronary-prone behavior pattern. J Pers Soc Psychol. 36:1213-20, 1978.
6. Barnett MA, **Matthews KA**, Corbin C: The effect of competitive and cooperative instructional sets on children's generosity. Pers Soc Psychol Bull. 5:91-4, 1979.
7. Barnett MA, **Matthews KA**, Howard JA. The relationship between competitiveness and empathy in 6- and 7-year-olds. Dev Psychol. 15:221-2, 1979.
8. **Matthews KA**, Rosenfield D, Stephan WG. Playing hard to get: a two-determinant model. J Res Pers. 13:234-44, 1979.
9. Corbin CS, Barnett MA, **Matthews KA**. The effect of direct and indirect competition on children's state anxiety. J Leisure Res. 11:271-7, 1979.
10. Krantz DS, Sanmarco MI, Selvester RH, **Matthews KA**. Psychological correlates of progression of atherosclerosis in men. Psychosom Med. 41:467-75, 1979.
11. **Matthews KA**, Brunson BI. Allocation of attention and the Type A coronary-prone behavior pattern. J Pers Soc Psychol. 37:2081-90, 1979.
12. **Matthews KA**. Efforts to control by children and adults with the Type A coronary-prone behavior pattern. Child Dev. 50:842-7, 1979.
13. **Matthews KA**, Scheier MF, Brunson BI, Carducci B. Attention, unpredictability, and reports of physical symptoms: eliminating the benefits of predictability. J Pers Soc Psychol. 38:525-37, 1980.
14. **Matthews KA**, Angulo J. Measurement of the Type A behavior pattern in children: assessment of children's competitiveness, impatience-anger, and aggression. Child Dev. 51:466-75, 1980.
15. Helmreich RL, Spence JT, Beane WF, Lucker GW, **Matthews KA**. Making it in academic psychology: demographic and personality correlates of attainment. J Pers Soc Psychol. 39:896-908, 1980.
16. **Matthews KA**, Helmreich RL, Beane WF, Lucker GW. Pattern A, achievement-striving, and scientific merit: does pattern A help or hinder? J Pers Soc Psychol. 39:962-7, 1980.
17. Cottington EM, **Matthews KA**, Talbott E, Kuller LH. Environmental events preceding sudden death in women. Psychosom Med. 42:567-74, 1980.
18. Brunson BI, **Matthews KA**. The Type A coronary-prone behavior pattern and reactions to uncontrollable stress: an analysis of performance strategies, affect, and attributions during failure. J Pers Soc Psychol. 40:906-18, 1981.
19. **Matthews KA**, Batson CD, Horn J, Rosenman RH. "Principles in his nature which interest him in the fortune of others...": the heritability of empathic concern for others. J Pers. 49:237-47, 1981.
20. Siegel JM, **Matthews KA**, Leitch CJ. Validation of the Type A interview assessment of adolescents: a multidimensional approach. Psychosom Med. 43:311-21, 1981.
21. Horn JM, **Matthews KA**, Rosenman R: Blood groups, physical appearance, and personality similarity in adult dizygotic twins. Twin Research 3. Part B. Intelligence, personality, and development. Prog Clin Biol Res. 69B:121-6, 1981.
22. **Matthews KA**, Volkin JI. Efforts to excel and the Type A behavior pattern in children. Child Dev. 52:1283-9, 1982.
23. **Matthews KA,** Krantz DS, Dembroski TM, MacDougall JM. Unique and common variance in Structured Interview and Jenkins Activity Survey measures of the Type A behavior pattern. J Pers Soc Psychol. 42:303-13, 1982.
24. **Matthews KA**, Carra J. Suppression of menstrual distress symptoms: a study of Type A behavior. Pers Soc Psychol Bull. 8:146-51, 1982.
25. **Matthews KA**. Psychological perspectives on the Type A behavior pattern. Psychol Bull. 91:293-323, 1982.
26. **Matthews KA**, Avis NE. Psychologists in schools of public health: current status, future prospects, and implications for other health settings. Am Psychol. 37:949-54, 1982.
27. Corse CD, Manuck SB, Cantwell JD, Giordani B, **Matthews KA**. Coronary-prone behavior pattern and cardiovascular response in persons with and without coronary heart disease. Psychosom Med. 44:449-59, 1982.
28. **Matthews KA**, Siegel JM. Type A behaviors by children, social comparison, and standards for self-evaluation. Dev Psychol. 19:135-40, 1983.
29. **Matthews KA**, Siegel JM, Kuller LH, Thompson M, Varat M. Determinants of decisions to seek medical treatment by patients with acute myocardial infarction symptoms. J Pers Soc Psychol. 44:1144-56, 1983.
30. **Matthews KA**. Origins of the Type A (coronary-prone) behavior pattern. J S C Med Assoc. October:551-556, 1983.
31. Siegel JM, **Matthews KA**, Leitch CJ. Blood pressure variability and the Type A behavior pattern in adolescence. J Psychosom Res. 27:265-72, 1983.
32. **Matthews KA**, Avis NE. Stability of overt Type A behaviors in children: results from a one-year longitudinal study. Child Dev. 54:1507-12, 1983.
33. **Matthews KA**, Jennings JR. Cardiovascular responses of boys exhibiting the Type A behavior pattern. Psychosom Med. 46:484-97, 1984.
34. Jennings JR, **Matthews KA**. The impatience of youth: phasic cardiovascular response in Type A and Type B elementary school-aged boys. Psychosom Med. 46:498-511, 1984.
35. **Matthews KA**, Rosenman RH, Dembroski TM, Harris EL, MacDougall JM. Familial resemblance in components of the Type A behavior pattern: a reanalysis of the California Type A Twin Study. Psychosom Med. 46:512-22, 1984.
36. **Matthews KA**, Jamison W, Cottington EM. Assessment of Type A, anger, and hostility: a review of measures through 1982. Psychol Doc. 4(2):1-74, 1984.
37. Talbott EO, Helmkamp JC, **Matthews KA**, Kuller LH, Cottington EM, Redmond G. Occupational noise exposure, noise-induced hearing loss, and the epidemiology of high blood pressure. Am J Epidemiol. 121:501-14, 1985.
38. Manuck SB, Kaplan JR, **Matthews KA**. Behavioral antecedents of coronary heart disease and atherosclerosis. Arteriosclerosis. 6:2-14, 1986.
39. **Matthews KA**, Manuck SB, Saab PG. Cardiovascular responses of adolescents during a naturally occurring stressor and their behavioral and psychophysiological predictors. Psychophysiology. 23:198-209, 1986.
40. **Matthews KA**, Haynes SG. Type A behavior pattern and coronary risk: update and critical evaluation. Am J Epidemiol. 123:923-60, 1986.
41. Cottington EM, **Matthews KA**, Talbott EO, Kuller LH. Occupational stress, suppressed anger, and hypertension. Psychosom Med. 48:249-60, 1986.
42. Adams LL, LaPorte RE, **Matthews KA**, Orchard TJ, Kuller LH. Blood pressure determinants in a middle class black population: the University of Pittsburgh experience. Prev Med. 15:232-43, 1986.
43. Murray DM, **Matthews KA**, Blake SM, Prineas RJ, Gillum RF. Type A behavior in children: demographic, behavioral and physiological correlates. Health Psychol. 5:159-69, 1986.
44. **Matthews KA**, Stoney CM, Rakaczky CJ, Jamison W. Family characteristics and school achievement of Type A children. Health Psychol. 5:453-67, 1986.
45. Allen MT, Lawler KA, Mitchell VP, **Matthews KA**, Rakaczky CJ, Jamison W. Type A behavior pattern, parental history of hypertension, and cardiovascular reactivity in college males. Health Psychol. 6:113-30, 1987.
46. Stoney CM, Davis MC, **Matthews KA**. Sex differences in physiological responses to stress and in coronary heart disease: a causal link? Psychophysiology. 24:127-31, 1987.
47. **Matthews KA**, Rakaczky CJ, Stoney CM, Manuck SB. Are cardiovascular responses to behavioral stressors a stable individual difference variable in childhood? Psychophysiology. 24:464-73, 1987.
48. Cohen S, **Matthews KA.** Social support, Type A behavior, and coronary artery disease. Psychosom Med. 49:325-30, 1987.
49. **Matthews KA**, Cottington EM, Talbott EO, Kuller LH, Siegel JM. Stressful work conditions and diastolic blood pressure among blue collar factory workers. Am J Epidemiol. 126:280-91, 1987.
50. Visintainer PF, **Matthews KA**. Stability of overt Type A behaviors in children: results from a two and five year longitudinal study. Child Dev. 58:1586-91, 1987.
51. **Matthews KA**, Stoney CM. Influences of sex and age on cardiovascular responses during stress. Psychosom Med. 50:46-56, 1988.
52. Stoney CM, **Matthews KA**. Parental history of hypertension and myocardial infarction predicts cardiovascular responses to behavioral stressors in middle-aged men and women. Psychophysiology. 25:269-77, 1988.
53. **Matthews KA**, Manuck SB, Stoney CM, Rakaczky CJ, McCann BS, Saab PG, Woodall KL, Block DR, Visintainer PF, Engebretson TO. Familial aggregation of blood pressure and heart rate responses during behavioral stress. Psychosom Med. 50:341-52, 1988.
54. McCann BS, **Matthews KA**. Influences of potential for hostility, Type A behavior, and parental history of hypertension on adolescents' cardiovascular responses during stress. Psychophysiology. 25:503-11, 1988.
55. Egeland GM, **Matthews KA**, Kuller LH, Kelsey SF. Characteristics of noncontraceptive hormone users. Prev Med. 17:403-11, 1988.
56. **Matthews KA**. Coronary heart disease and Type A behaviors: update on and alternative to the Booth-Kewley and Friedman (1987) quantitative review. Psychol Bull. 104:373-80, 1988.
57. Stoney CM, **Matthews KA**, McDonald RH, Johnson CA. Sex differences in lipid, lipoprotein, cardiovascular, and neuroendocrine responses to acute stress. Psychophysiology. 25:645-56, 1988.
58. Meilahn EN, Kuller LH, Stein EA, Caggiula AW, **Matthews KA**. Characteristics associated with apoprotein and lipoprotein lipid levels in middle-aged women. Arteriosclerosis. 8:515-20, 1988.
59. **Matthews KA**, Kelsey SF, Meilahn EN, Kuller LH, Wing RR. Educational attainment and behavioral and biologic risk factors for coronary heart disease in middle-aged women. Am J Epidemiol. 129:1132-44, 1989.
60. Pedersen NL, Lichtenstein P, Plomin R, DeFaire U, McClearn GE, **Matthews KA**. Genetic and environmental influences for type A-like measures and related traits: a study of twins reared apart and twins reared together. Psychosom Med. 51:428-40, 1989.
61. Wing RR, Bunker CH, Kuller LH, **Matthews KA**. Insulin, body mass index and cardiovascular risk factors in premenopausal women. Arteriosclerosis. 9:479-84, 1989.
62. Saab PG, **Matthews KA**, Stoney CM, McDonald RH. Premenopausal and postmenopausal women differ in their cardiovascular and neuroendocrine responses to behavioral stressors. Psychophysiology. 26:270-80, 1989.
63. **Matthews KA**, Meilahn E, Kuller LH, Kelsey SF, Caggiula AW, Wing RR. Menopause and coronary heart disease risk factors. N Engl J Med. 321:641-6, 1989.
64. **Matthews KA**. Interactive effects of behavior and reproductive hormones on sex differences in risk for coronary heart disease. Health Psychol. 8:373-87, 1989.
65. Woodall KL, **Matthews KA**. Familial environment associated with Type A behaviors and psychophysiological responses to stress in children. Health Psychol. 8:403-26, 1989.
66. Engebretson TO, **Matthews KA**, Scheier MF. Relationships between anger expression and cardiovascular reactivity: reconciling inconsistent findings through a matching hypothesis. J Pers Soc Psychol. 57:513-21, 1989.
67. **Matthews KA**, Rodin J. Women's changing work roles: impact on health, family and public policy. Am Psychol. 44:1389-93, 1989.
68. Repetti RL, **Matthews KA**, Waldron I. Effects of paid employment on women's mental and physical health. Am Psychol. 44:1394-1402, 1989.
69. Wing RR, Kuller LH, Bunker CA, **Matthews KA**, Caggiula AW, Meilahn E, Kelsey SF. Obesity, obesity related behaviors and coronary heart disease risk factors in black and white premenopausal women. Int J Obesity. 13:511-19, 1989.
70. Menkes MS, **Matthews KA**, Krantz DS, Lundberg U, Mead LA, Qaqish B, Liang K-Y, Thomas CB, Pearson TA. Cardiovascular reactivity to the cold pressor test as a predictor of hypertension. Hypertension. 14:524-30, 1989.
71. Talbott EO, Kuller LH, Detre K, **Matthews KA**, Norman S, Kelsey SF, Belle S. Reproductive history of women dying of sudden cardiac death: a case-control study. Int J Epidemiol. 18:589-94, 1989.
72. Scheier MF, **Matthews KA**, Owens J, Magovern GJ, Sr., Lefebvre RC, Abbott RA, Carver CS. Dispositional optimism and recovery from coronary artery bypass surgery: the beneficial effects on physical and psychological well-being. J Pers Soc Psychol. 57:1024-40, 1989.
73. Meilahn EN, **Matthews KA**, Egeland G, Kelsey SF. Characteristics of women with hysterectomy. Maturitas. 11:319-29, 1989.
74. Fredrikson M, **Matthews KA**. Cardiovascular responses to behavioral stress and hypertension: a meta-analytic review. Ann Behav Med. 12:30-9, 1990.
75. Stoney CM, Owens JF, **Matthews KA**, Davis MC, Caggiula A. Influences of the normal menstrual cycle on physiologic functioning during behavioral stress. Psychophysiology. 27:125-35, 1990.
76. Owens JF, **Matthews KA**, Wing RR, Kuller LH. Physical activity and cardiovascular risk: a cross-sectional study of middle-aged premenopausal women. Prev Med 19:147-57, 1990.
77. **Matthews KA**, Wing RR, Kuller LH, Meilahn EN, Kelsey SF, Costello EJ, Caggiula AW. Influences of natural menopause on psychological characteristics and symptoms of middle-aged healthy women. J Cons Clin Psychol. 58:345-51, 1990.
78. Caggiula AR, Stoney CM, **Matthews KA**, Owens JF, Davis MC, Rabin BS. T-lymphocyte reactivity during the menstrual cycle in women. Clin Immunol Immunopathol. 56:130-4, 1990.
79. **Matthews KA**, Woodall KL, Stoney CM. Changes in and stability of cardiovascular responses to behavioral stress. Child Dev. 61:1134-44, 1990.
80. Muldoon MF, Manuck SB, **Matthews KA**. Lowering cholesterol concentrations and mortality: a quantitative review of primary prevention trials. Br Med J. 301:309-14, 1990.
81. Talbott EO, Findlay RC, Kuller LH, Lenkner LA, **Matthews KA**, Day RD, Ishii EK. Noise-induced hearing loss: a possible marker for high blood pressure in older noise-exposed populations. J Occup Med. 32:690-7, 1990.
82. Davis MC, **Matthews KA**. Cigarette smoking and oral contraceptive use influence women's lipid, lipoprotein, neuroendocrine, and cardiovascular responses during stress. Health Psychol. 9:717-736, 1990.
83. Kuller LH, Gutai JP, Meilahn E, **Matthews KA**, Plantinga P. Relationship of endogenous sex steroid hormones to lipids and apoproteins in postmenopausal women. Arteriosclerosis. 10:1058-66, 1990.
84. Egeland GM, Kuller LH, **Matthews KA**, Kelsey SF, Cauley J, Guzick D. Hormone replacement therapy and lipoprotein changes during early menopause. Obstet Gynecol. 76:776-82, 1990.
85. Wing RR, **Matthews KA**, Kuller LH, Meilahn EN, Plantinga PL. Weight gain at the time of the menopause. Arch Intern Med. 151:97-102, 1991.
86. Muldoon MF, Manuck SB, **Matthews KA**. Does cholesterol lowering increase non-illness-related mortality? Arch Intern Med. 151:1453-4, 1991.
87. **Matthews KA**, Davis MC, Stoney CM, Owens JF, Caggiula AR. Does the gender relevance of the stressor influence sex differences in psychophysiological responses? Health Psychol. 10:112-20, 1991.
88. Markovitz JH, **Matthews KA**, Wing RR, Kuller LH, Meilahn EN. Psychological, health behavior, and biological predictors of blood pressure change in middle-aged women. J Hypertension. 9:399-406, 1991.
89. Meilahn EN, Kuller LH, **Matthews KA**, Wing RR, Caggiula AW, Stein EA. Potential for increasing high-density lipoprotein cholesterol, subfractions HDL2-c and HDL3-c, and apoprotein AI among middle-aged women. Prev Med. 20:462-73, 1991.
90. Blumenthal JA, **Matthews KA**, Fredrikson M, Rifai N, Schniebolk S, German D, Steege J, Rodin J. Effects of exercise training on cardiovascular function and plasma lipid, lipoprotein, and apoliprotein concentrations in premenopausal and postmenopausal women. Arteriosclerosis Thrombosis. 11:912-7, 1991.
91. Blumenthal JA, Fredrikson M, **Matthews KA**, Kuhn CM, Schniebolk S, German D, Rifai N, Steege J, Rodin J. Stress reactivity and exercise training in premenopausal and postmenopausal women. Health Psychol. 10:384-91, 1991.
92. Wing RR, **Matthews KA**, Kuller LH, Meilahn EN, Plantinga P. Waist:hip ratio in middle-aged women: associations with behavioral and psychosocial factors and with changes in cardiovascular risk factors. Arteriosclerosis Thrombosis. 11:1250-7, 1991.
93. Burgio KL, **Matthews KA**, Engel G. Prevalence, incidence and correlates of urinary incontinence in healthy, middle-aged women. J Urol. 146:1255-9, 1991.
94. Markovitz JM, **Matthews KA**. Platelets in coronary heart disease: potential pathophysiologic mechanisms. Psychosom Med. 53:643-68, 1991.
95. Bunker CH, Wing RR, Mallinger AG, Becker DJ, **Matthews KA**, Kuller LH. Cross-sectional and longitudinal relationship of sodium-lithium countertransport to insulin, obesity and blood pressure in healthy perimenopausal women. J Hum Hyperten. 5:381-92, 1991.
96. Lloyd CE, **Matthews KA**, Wing RR, Orchard TJ. Psychosocial factors and complications of IDDM. the Pittsburgh Epidemiology of Diabetes Complications Study. VIII. Diabetes Care. 15:166-72, 1992.
97. Owens JF, **Matthews KA**, Wing RR, Kuller LH. Can physical activity mitigate the effects of aging in middle-aged women? Circulation. 85:1265-70, 1992.
98. **Matthews KA**, Rodin J. Pregnancy alters blood pressure responses to psychological and physical challenge. Psychophysiology. 29:236-44, 1992.
99. Engebretson TO, **Matthews KA**. Dimensions of in men, women, and boys: relationships to personality and cardiovascular responses to stress. Psychosom Med. 54:311-23, 1992.
100. **Matthews KA**, Woodall KL, Engebretson TO, McCann BS, Stoney CM, Manuck SM, Saab PG. Influence of age, sex, and family on Type A and hostile attitudes and behaviors. Health Psychol. 11:317-23, 1992.
101. Meilahn E, Kuller L, **Matthews KA**, Kiss J. Fibrinogen and factor VIIc levels according to menopausal status and use of hormone replacement therapy. Ann Epidemiol. 2:445-55, 1992.
102. **Matthews KA**, Owens JF, Allen MT, Stoney CM. Do cardiovascular responses to laboratory stress relate to ambulatory blood pressure levels?: yes, in some of the people, some of the time. Psychosom Med. 54:686-97, 1992.
103. Wing RR, **Matthews KA**, Kuller LH, Smith D, Becker D, Plantinga PL, Meilahn EN. Environmental and familial contributions to insulin levels and change in insulin in middle-aged women. JAMA. 268:1890-5, 1992.
104. Woodall KL, **Matthews KA**. Changes in and stability of hostile characteristics: results from a four year longitudinal study of children. J Pers Soc Psychol. 64:491-9, 1993.
105. Perkins KA, Rohay J, Meilahn EN, Wing RR, **Matthews KA**, Kuller LH. Diet, alcohol intake, and physical activity as a function of smoking status in middle-aged women. Health Psychol. 12:410-5, 1993.
106. Allen MT, Stoney CM, Owens JF, **Matthews KA**. Hemodynamic adjustments to laboratory stress: the influence of gender and personality. Psychosom Med. 55:505-17, 1993.
107. **Matthews KA**, Woodall KL, Allen, MT. Cardiovascular reactivity to stress predicts future blood pressure status. Hypertension. 22:479-85, 1993.
108. Owens JF, Stoney CM, **Matthews KA**. Menopausal status influences ambulatory blood pressure levels and blood pressure changes during mental stress. Circulation. 88:2794-802, 1993.
109. Markovitz JH, **Matthews KA**, Kannel WB, Cobb JL, D'Agostino RB. Psychological predictors of hypertension in the Framingham Study: is there tension in hypertension? JAMA. 270:2439-43, 1993.
110. Lassner JB, **Matthews KA**, Stoney CM. Are cardiovascular reactors to asocial stress also reactors to social stress? J Pers Soc Psychol. 66:69-77, 1994.
111. Bromberger JT, **Matthews KA**. Employment, nonemployment, and depressive symptoms in middle-aged women: a longitudinal investigation. Am J Pub Health. 84:202-6, 1994.
112. **Matthews KA**, Wing RR, Kuller LH, Meilahn EN, Plantinga P. Influence of the perimenopause on cardiovascular risk factors and symptoms of middle-aged healthy women. Arch Intern Med. 154:2349-2355, 1994.
113. Carson CA, Caggiula AW, Meilahn EN, **Matthews KA**, Kuller LH. Coffee consumption: its relationship to blood lipids in middle-aged women. Int J Epidemiol. 23:523-7, 1994.
114. Caggiula AR, McAllister CG, **Matthews KA**, Berga SL, Owens JF, Miller AL. Psychological stress and immunological responsiveness in normally cycling, follicular-stage women. J Neuroimmunol. 59:103-11, 1995.
115. Davis MC, **Matthews KA**, Meilahn EN, Kiss JE. Are job characteristics related to fibrinogen levels in middle-aged women? Health Psychol. 14:310-8, 1995.
116. Patterson SM, **Matthews KA**, Allen MT, Owens JF. Stress-induced hemoconcentration of blood cells and lipids in healthy women during acute psychological stress. Health Psychol. 14:319-24, 1995.
117. Everson SA, **Matthews KA**, Guzick DS, Wing RR, Kuller LH. Effects of surgical menopause on psychological characteristics and lipid levels: the Healthy Women Study. Health Psychol. 14:435-443, 1995
118. **Matthews KA**, Caggiula AR, McAllister CG, Berga SL, Owens JF, Flory JD, Miller AL. Sympathetic reactivity to acute stress and immune response in women. Psychosom Med. 57:564-71, 1995.
119. Markovic N, **Matthews KA**, Huston SL, Egbagbe E, Ukoli FAM, Bunker CH. Blood pressure reactivity to stress varies by hypertensive status and sex in Nigerians. Am J Epidemiol. 142:1020-8, 1995.
120. Kuller LH, Meilahn E, Bunker C, Yong LC, Sutton-Tyrrell K, **Matthews KA**. Development of risk factors for cardiovascular disease among women from adolescence to older ages. Am J Med Sci. 310(Suppl 1):S91-100, 1995.
121. Bunker CH, Ukoli FA, **Matthews KA**, Kriska AM, Huston SL, Kuller LH. Weight threshold and blood pressure in a lean Black population. Hypertension. 26:616-23, 1995.
122. **Matthews KA**, Woodall KL, Kenyon K, Jacob T. Negative family environment as a predictor of boys' future status on measures of hostile attitudes, interview behavior, and anger expression. Health Psychol. 15:30-7, 1996.
123. Ickovics JR, Morrill, A, Meisler A, Rodin J, Bromberger JT, **Matthews KA**. Employment and coronary risk in women at midlife: a longitudinal analysis. Am J Epidemiol. 143:144-50, 1996.
124. Bromberger JT, **Matthews KA**. A "feminine" model of vulnerability to depressive symptoms: a longitudinal investigation of middle-aged women. J Pers Soc Psychol. 70:591-8, 1996.
125. **Matthews KA**, Kuller LH, Wing RR, Meilahn EN, Plantinga P. Prior to use of estrogen replacement therapy, are users healthier than nonusers? Am J Epidemiol. 143:971-8, 1996.
126. Bromberger JT, **Matthews KA**. A longitudinal study of the effects of pessimism, trait anxiety and life stress on depressive symptoms in middle-aged women. Psychol Aging. 11:207-13, 1996.
127. Markovitz JH, **Matthews KA**, Kiss J, Smitherman TC. Effects of hostility on platelet reactivity to psychological stress in coronary heart disease patients and in healthy controls. Psychosom Med. 58:143-9, 1996.
128. Davis MC, **Matthews KA**. Do gender relevant characteristics determine cardiovascular reactivity? Match vs. mismatch of traits and situation. J Pers Soc Psychol. 71:527-35, 1996.
129. Bromberger JT, **Matthews KA**, Kuller LH, Wing RR, Meilahn EN, Plantinga P. A prospective study of the determinants of age at menopause. Am J Epidemiol. 145:124-38, 1997.
130. Lassila HC, Tyrrell KS, **Matthews KA**, Wolfson SK, Kuller LH. Prevalence and determinants of carotid atherosclerosis in healthy postmenopausal women. Stroke. 28:513-7, 1997.
131. **Matthews KA**, Shumaker SA, Bowen DJ, Langer RD, Hunt JR, Kaplan RM, Klesges RC, Ritenbaugh C. Women’s health initiative: why now? what is it? what’s new? Am Psychol. 52:101-16, 1997.
132. Allen MT, **Matthews KA**. Hemodynamic responses to laboratory stressors in children and adolescents: the influence of age, race, and gender. Psychophysiology. 34:329-39, 1997.
133. Stoney CM, Owens JF, Guzick DS, **Matthews KA**. A natural experiment on the effects of ovarian hormones on cardiovascular risk factors and stress reactivity: bilateral salpingo oophorectomy versus hysterectomy only. Health Psychol. 16:349-58, 1997.
134. D’Elio MA, Ness RB, **Matthews KA**, Kuller LH. Are life stress and social support related to parity in women? Behav Med. 23:87-94, 1997.
135. Muldoon MF, Ryan CM, **Matthews KA**, Manuck SB. Serum cholesterol and intellectual performance. Psychosom Med. 59:382-7, 1997.
136. **Matthews KA**, Gump BB, Block DR, Allen MT. Does background stress heighten or dampen children's cardiovascular responses to acute stress? Psychosom Med. 59:488-96, 1997.
137. Allen MT, **Matthews KA**, Sherman FS. Cardiovascular reactivity to stress and left ventricular mass in youth. Hypertension. 30:782-7, 1997
138. Gump BB, **Matthews KA**. Vigilance and cardiovascular reactivity to subsequent stressors in men: a preliminary study. Health Psychol. 17:93-6, 1998.
139. Benschop RJ, Geenen R, Mills PJ, Naliboff BD, Kiecolt-Glaser JK, Herbert TB, van der Pompe G, Miller GE, **Matthews KA**, Godaert GLR, Gilmore SL, Glaser R, Neijnen CJ, Dopp JM, Bijlsma WJW, Solomon GF, Cacioppo JT. Cardiovascular and immune responses to acute psychological stress in young and old women: a meta-analysis. Psychosom Med. 60:290-6, 1998.
140. Sutton-Tyrrell K, Lassila HC, Meilahn E, Bunker C, **Matthews KA**, Kuller LH. Carotid atherosclerosis in premenopausal and postmenopausal women and its association with risk factors measured after menopause. Stroke. 29:1116-21, 1998.
141. Simkin-Silverman LR, Wing RR, Plantinga P, **Matthews KA**, Kuller LH. Lifetime weight cycling and psychological health in normal-weight and overweight women. Int J Eating Disord. 24:175-83, 1998.
142. Manuck SB, Flory JD, McCaffery JM, **Matthews KA**, Mann JJ, Muldoon MF. Aggression, impulsivity and central nervous system serotonergic responsivity in a nonpatient sample. Neuropsychopharmacology. 19:287-99, 1998.
143. **Matthews KA**, Berga SL, Owens JF, Flory JD. Effect of short-term suppression of ovarian hormones on cardiovascular and neuroendocrine reactivity to stress in women. Psychoneuroendocrinology. 23:307-22, 1998.
144. **Matthews KA**, Owens JF, Kuller LH, Sutton-Tyrrell K, McWilliams LJ. Are hostility and anxiety associated with carotid atherosclerosis in healthy postmenopausal women? Psychosom Med. 60:633-8, 1998.
145. Owens JF, **Matthews KA**. Sleep disturbance in healthy middle-aged women. Maturitas. 30:41-50, 1998.
146. **Matthews KA**, Owens JF, Kuller LH, Sutton-Tyrrell K, Lassila HC, Wolfson SK. Stress-induced pulse pressure change predicts women’s carotid atherosclerosis. Stroke. 29:1525-30, 1998.
147. Nieboer AP, Schulz R, **Matthews KA**, Scheier MF, Ormel J, Lindenberger SM. Spousal caregivers' activity restriction and depression: a model for changes over time. Soc Sci Med. 47:1361-71, 1998.
148. Flory JD, **Matthews KA**, Owens JF. A social information processing approach to dispositional hostility: relationships with negative mood and blood pressure elevations at work. J Soc Clin Psychol. 17:491-504, 1998.
149. Muldoon MF, Sved AF, Flory JD, Perel JM, **Matthews KA**, Manuck SB. Inverse relationship between fenfluramine-induced prolactin release and blood pressure in humans. Hypertension. 32:972-5, 1998.
150. Räikkönen K, **Matthews KA**, Flory JD, Owens JF. Effects of hostility on ambulatory blood pressure and mood during daily living in healthy adults. Health Psychol. 18:44-53, 1999.
151. Räikkönen K, **Matthews KA**, Flory JD, Owens JF, Gump BB. Effects of optimism, pessimism, and trait anxiety on ambulatory blood pressure and mood during everyday life. J Pers Soc Psychol. 76:104-13, 1999.
152. Gump BB, **Matthews KA**, Räikkönen K. Modeling relationships among socioeconomic status, hostility, cardiovascular reactivity, and left ventricular mass in African American and White children. Health Psychol. 18:140-50, 1999.
153. Scheier MF, **Matthews KA**, Owens JF, Schulz R, Bridges MW, Magovern GJ Sr, Carver CS. Optimism and rehospitalization after coronary artery bypass graft surgery. Arch Intern Med. 159:829-35, 1999.
154. **Matthews KA**, Cauley J, Yaffe K, Zmuda JM. Estrogen replacement therapy and cognitive decline in elderly community women. J Am Geriatr Soc. 47:518-23, 1999.
155. Gump BB, **Matthews KA**. Do background stressors influence reactivity to and recovery from acute stressors? J Appl Soc Psychol. 29:469-94, 1999.
156. Davis MC, **Matthews KA**, Twamley EW. Is life more difficult on Mars or Venus?: a meta-analytic review of sex differences in major and minor life events. Ann Behav Med. 21:83-97, 1999.
157. Räikkönen K, **Matthews KA**, Kuller LH. Anthropometric and psychosocial determinants of visceral obesity in healthy postmenopausal women. Int J Obesity. 23:775-82, 1999.
158. Kuller LH, **Matthews KA**, Sutton-Tyrrell K, Edmundowicz D, Bunker CH. Coronary and aortic calcification among women 8 years after menopause and their premenopausal risk factors. The Healthy Women Study. Arterioscler Thromb Vasc Biol. 19:2189-98, 1999.
159. Kuller LH, Sutton-Tyrrell K, **Matthews KA**. Blood pressure levels and measurement of subclinical vascular disease. J Hypertens. 17(Suppl 5):S15-19, 1999.
160. Räikkönen K, **Matthews KA**, Kuller LH, Reiber C, Bunker CH. Anger, hostility, and visceral adipose tissue in healthy postmenopausal women. Metabolism. 48:1146-51, 1999.
161. Feldman PJ, Cohen S, Lepore S, **Matthews KA**, Kamarck TW, Marsland AL. Negative emotions and acute physiological responses to stress. Ann Behav Med. 21:216-22, 1999.
162. Kuller LH, **Matthews KA**, Meilahn EN. Estrogens and women’s health: interrelation of coronary heart disease, breast cancer and osteoporosis. J Steroid Biochem Mol Biol. 74:297-309, 2000.
163. Davis MC, **Matthews KA**, McGrath C. Hostile attitudes predict elevated vascular resistance during interpersonal stress in men and women. Psychosom Med. 62:17-25, 2000.
164. **Matthews KA**, Flory JD, Muldoon MF, Manuck SB. Does socioeconomic status relate to central serotonergic responsivity in healthy adults? Psychosom Med. 62:231-37, 2000
165. Iribbaren C, Sidney S, Bild DE, Liu K, Markovitz JH, Rosenman JM, **Matthews KA**. Association of hostility with coronary artery calcification in young adults: the CARDIA study. JAMA. 283:2546-51, 2000.
166. Berga SL, Loucks-Daniels TL, Adler LJ, Chrousos GP, Cameron JL, **Matthews KA**, Marcus MD. Cerebrospinal fluid levels of corticotropin-releasing hormone in women with functional hypothalamic amenorrhea. Am J Obstet Gynecol. 182:776-84, 2000.
167. Flory JD, Räikkönen K, **Matthews KA**, Owens JF. Self-focused attention and mood during everyday social interactions. Pers Soc Psychol Bull. 26:875-83, 2000.
168. Allen MT, **Matthews KA**, Kenyon KL. The relationships of resting baroreflex sensitivity, heart rate variability and measures of impulse control in children and adolescents. Int J Psychophysiol. 37:185-94, 2000.
169. Gump BB, **Matthews KA**. Are vacations good for your health?: the 9 year mortality experience after the Multiple Risk Factor Intervention Trial. Psychosom Med. 62:608-12, 2000.
170. Epel ES, McEwen B, Seeman T, **Matthews KA**, Castellazzo G, Brownell K, Bell J, Ickovics J. Stress and body shape: consistently greater stress-induced cortisol reactivity among women with abdominal fat. Psychosom Med. 62:623-32, 2000.
171. **Matthews KA**, Räikkönen K, Everson SA, Flory JD, Marco CA, Owens JF, Lloyd CE. Do the daily experiences of healthy men and women vary according to occupational prestige and work strain? Psychosom Med. 62:346-53, 2000.
172. Muldoon MF, Barger SD, Ryan CM, Flory JD, Lehoczky JP, **Matthews KA**, Manuck SB. Effects of lovastatin on cognitive function and psychological well-being. Am J Med. 108:538-46, 2000.
173. Salomon K, **Matthews KA**, Allen MT. Patterns of sympathetic and parasympathetic reactivity in a sample of children and adolescents. Psychophysiology. 37:842-49, 2000.
174. Rutledge T, Reis SE, Olson M, Owens J, Kelsey SF, Pepine CJ, Reichek N, Rogers WJ, Bairey Mertz CN, Sopko G, Cornell CE, **Matthews KA**. Psychosocial variables are associated with atherosclerosis risk factors among women with chest pain: the WISE study. Psychosom Med. 63:282-88, 2001.
175. **Matthews KA**, Kuller LH, Sutton-Tyrrell K, Chang YF. Changes in cardiovascular risk factors during the peri and post-menopause and carotid artery atherosclerosis in healthy women. Stroke. 32:1104-11, 2001.
176. **Matthews KA**, Flory JD, Owens JF, Harris KF, Berga SL. Influence of estrogen replacement therapy on cardiovascular responses to stress of healthy postmenopausal women. Psychophysiology. 38:391-8, 2001.
177. Gump BB, **Matthews KA**, Scheier MF, Schulz R, Bridges MW, Magovern GJ Sr. Illness representations according to age and effects on health behaviors following coronary artery bypass graft surgery. J Am Geriatr Soc. 49:284-9, 2001.
178. Sutton-Tyrrell K, Kuller LH, Edmundowicz D, Feldman A, Holubkov R, Givens L, **Matthews KA**. Usefulness of electron beam tomography to detect progression of coronary and aortic calcification in middle-aged women. Am J Cardiol. 87:560-4, 2001.
179. Chen E, **Matthews KA**. Cognitive appraisal biases: an approach to understanding the relationship between socioeconomic status and cardiovascular reactivity in children. Ann Behav Med. 23:101-11, 2001.
180. **Matthews KA**, Abrams B, Crawford S, Miles T, Neer R, Powell LH, Wesley D. Body mass index in mid-life women: relative influence of menopause, hormone use, and ethnicity. Int J Obesity. 25:863-73, 2001.
181. Rutledge T, Reis SE, Olson M, Owens M, Kelsey SF, Pepine CJ, Reichek N, Rogers WJ, Merz CNB, Sopko G, Cornell CE, Sharaf B, **Matthews KA**. History of anxiety disorders is associated with a decreased likelihood of angiographic coronary artery disease in women with chest pain: the WISE study. J Am Coll Cardiol. 37:780-5, 2001.
182. Detre K, Kip KE, Feinleib, M, **Matthews KA**, Belle S. Mortality of males to females in comparable high level jobs: 15-year experience in the Federal Women’s Study. Am J Epidemiol. 154:221-9, 2001.
183. Räikkönen K, **Matthews KA**, Kuller LH. Trajectory of psychological risk and incident hypertension in middle-aged women. Hypertension. 38:798-802, 2001.
184. Guyll M, **Matthews KA**, Bromberger JT. Discrimination and unfair treatment: relationship to cardiovascular activity among African American and European American women. Health Psychol. 20:315-25, 2001.
185. **Matthews KA**, Gump BB, Owens JF. Chronic stress influences cardiovascular and neuroendocrine responses during acute stress and recovery especially in men. Health Psychol. 20:403-10, 2001.
186. Gallo LC, **Matthews KA**, Kuller LH, Sutton-Tyrrell K, Edmundowicz D. Educational attainment and coronary and aortic calcification in post-menopausal women. Psychosom Med. 63:925-35, 2001.
187. Powell LH, **Matthews KA**. New directions in understanding the link between stress and health in women. Int J Behav Med. 9:173-5, 2002.
188. **Matthews KA**, Kiefe CI, Lewis CE, Liu K, Sidney S, Yunis C. Socioeconomic trajectories and incident hypertension in a biracial cohort of young adults. Hypertension. 39:772-6, 2002.
189. Chen E, **Matthews KA**, Boyce WT. Socioeconomic differences in health: what are the implications for children? Psychol Bull. 128:295-329, 2002.
190. Sutton-Tyrrell K, Kuller LH, **Matthews KA**, Holubkov R, Patel A, Edmundowicz D, Newman A. Subclinical atherosclerosis in multiple vascular beds: an index of atherosclerotic burden evaluated in postmenopausal women. Atherosclerosis. 160:407-16, 2002.
191. Powell LH, Lovallo WR, **Matthews KA**, Meyer P, Midgley AR, Baum A, Stone AA, Underwood L, McCann JJ, JanikulaHerro K, Ory MG. Physiologic markers of chronic stress in premenopausal, middle-aged women. Psychosom Med. 64:502-9, 2002.
192. Bachen EA, Muldoon MF, **Matthews KA**, Manuck SB. The effects of hemoconcentration and sympathetic activation on serum lipid responses to brief mental stress. Psychosom Med. 64:587-94, 2002.
193. Brady SS, **Matthews KA**. The influence of socioeconomic status and ethnicity on adolescents’ exposure to stressful life events. J Pediatr Psychol. 27:575-83, 2002.
194. Owens JF, **Matthews KA**, Everson SA. Effects of suppressing ovarian hormones on cognitive function in young women. Menopause. 9:227-35, 2002.
195. Ewart CK, Jorgensen RS, Suchday S, Chen S, **Matthews KA**. Measuring stress resilience and coping in vulnerable youth: the Social Competence Interview. Psychol Assess. 14:339-52, 2002.

1. Whooley MA, Kiefe CI, Chesney MA, Markovitz JH, **Matthews KA**, Hulley SB. Depressive symptoms, unemployment, and loss of income: the CARDIA Study. Arch Intern Med. 162:2614-20, 2002.
2. Chaput LA, Adams SH, Simon JA, Blumenthal RS, Vittinghoff E, Lin F, Loh E, **Matthews KA** for the Heart and Estrogen/progestin Replacement Study (HERS) Research Group. Hostility predicts recurrent coronary events among postmenopausal women with heart disease. Am J Epidemiol. 156:1092-9, 2002.
3. Räikkönen K, **Matthews KA**, Kuller LH. The relationship between psychological risk attributes and the metabolic syndrome in healthy women: antecedent or consequence? Metabolism. 51:1537-77, 2002.
4. **Matthews KA**, Gump BB. Chronic work stress and marital dissolution increase risk of post-trial mortality in men from the Multiple Risk Factor Intervention Trial. Arch Intern Med. 162:309-15, 2002.
5. Flory JD, **Matthews KA**, Sistilli CG, Caggiula AR, Berga SL, Owens JF. Short-term suppression of ovarian function and immune measures in healthy women. Psychoneuroendocrinology. 27:749-68, 2002.
6. Chen E, **Matthews KA**, Salomon K, Ewart CK. Cardiovascular reactivity during social and nonsocial stressors: do children’s personal goals and expressive skills matter? Health Psychol. 21:16-24, 2002.
7. Mackey RH, Kuller LH, Sutton-Tyrrell K, Evans RW, Holubkov R, **Matthews KA**. Lipoprotein subclasses and coronary calcification in postmenopausal women from the Healthy Women Study. Am J Cardiol. 90:71i-6i, 2002.
8. **Matthews KA**, Salomon K, Kenyon K, Allen MT. Stability of children’s and adolescents’ hemodynamic responses to psychological challenge: a three-year longitudinal study of a multi-ethnic cohort of boys and girls. Psychophysiology. 39:826-34, 2002.
9. Chen E, **Matthews KA**. Development of the Cognitive Appraisal And Understanding of Social Events (CAUSE) videos: application to explaining the link between socioeconomic status and cardiovascular reactivity in older adolescents. Health Psychol. 22:106-10, 2003.
10. Jones DJ, **Matthews KA**, Bromberger JT, Sutton-Tyrrell K. Lifetime history of depression and carotid atherosclerosis in middle-aged women. Arch Gen Psychiatry. 60:153-60, 2003
11. Gallo LC, Troxel WM, **Matthews KA**, Jansen-McWilliams L, Kuller LH, Sutton-Tyrrell K. Occupation and subclinical carotid artery disease in women: are clerical workers at greater risk? Health Psychol. 22:19-29, 2003.
12. Rutledge T, Reis SE, Olson M, Owens JF, Kelsey SF, Pepine CJ, Reichek N, Rogers WJ, Merz CNB, Sopko G, Cornell CE, **Matthews KA**. Socioeconomic status variables predict cardiovascular disease risk factors and prospective mortality risk among women with chest pain: the WISE study. Behav Modif. 27:54-67, 2003.
13. Owens JF, **Matthews KA**, Räikkönen K, Kuller LH. It is never too late: change in physical activity fosters change in cardiovascular risk factors in middle aged women. Prev Cardiol. 6:22-8, 2003.
14. Bairey Merz CN, Johnson BD, Sharaf BL, Bittner V, Berga SL, Braunstein GD, Hodgson TK, **Matthews KA**, Pepine CJ, Reis SE, Reichek N, Rogers WJ, Pohost WJ, Pohost GM, Kelsey SF, Sopko G for the WISE Study Group. Hypoestrogenemia of hypothalamic origin and coronary artery disease in premenopausal women: a report from the NHLBI-sponsored WISE study. J Am Coll Cardiol. 41:413-9, 2003.
15. Gallo LC, **Matthews KA**. Understanding the association between socioeconomic status and health: do negative emotions play a role? Psychol Bull. 129:10-51, 2003.
16. **Matthews KA**, Salomon K, Brady SS, Allen MT. Cardiovascular reactivity to stress predicts future blood pressure in adolescence. Psychosom Med. 65:410-5, 2003.
17. Harris KF, **Matthews KA**, Sutton-Tyrrell K, Kuller LH. Associations between psychological traits and endothelial function in postmenopausal women. Psychosom Med. 65:402-9, 2003.
18. Gump BB, **Matthews KA**. Special intervention reduces CVD mortality for adherent participants in the Multiple Risk Factor Intervention Trial. Ann Behav Med. 26:61-8, 2003.
19. Rutledge T, **Matthews KA**, Lui L-Y, Stone KL, Cauley JA. Social network size and marriage predicts mortality in older-aged women: prospective evidence from the Study of Osteoporotic Fractures (SOF). Psychosom Med. 65:688-94, 2003.
20. Räikkönen K, **Matthews KA**, Salomon K. Hostility predicts metabolic syndrome risk factors in children and adolescents. Health Psychol. 22:279-86, 2003.
21. Troxel WM, **Matthews KA**, Bromberger JT, Sutton-Tyrrell K. Chronic stress burden, discrimination, and subclinical carotid artery disease in African American and Caucasian women. Health Psychol. 22:300-9, 2003.
22. Randolph JF Jr, Sowers MF, Gold EB, Mohr BA, Luborsky J, Santoro N, McConnell DS, Finkelstein JS, Korenman SG, **Matthews KA**, Sternfeld B, Lasley BL. Reproductive hormones in the early menopause transition: relationship to ethnicity, body size, and menopausal status. J Clin Endocrinol Metab. 88:1516-22, 2003.
23. Olson MB, Kelsey SF, **Matthews K**, Shaw LJ, Sharaf BL, Pohost GM, Cornell CE, McGorray SP, Vido D, Bairey Merz CN. Symptoms, myocardial ischemia and quality of life in women: results from the NHLBI-sponsored WISE study. Eur Heart J. 24:1506-14, 2003.
24. Yan LL, Liu K, **Matthews KA**, Daviglus ML, Ferguson TF, Kiefe CI. Psychosocial factors and risk for hypertension: the Coronary Artery Risk Development in Young Adults (CARDIA) Study. JAMA. 290:2138-48, 2003.
25. Yan LL, Liu K, **Matthews KA**, Daviglus ML, Ferguson TF, Kiefe CI. Comment on psychosocial factors and risk for hypertension: the Coronary Artery Risk Development in Young Adults (CARDIA) Study. JAMA. 290:2190-2, 2003.
26. Gallo LC, Troxel WM, Kuller LH, Sutton-Tyrrell K, Edmundowicz D, **Matthews KA**. Marital status, marital quality and atherosclerotic burden in postmenopausal women. Psychosom Med. 65:952-62, 2003.
27. Avis NE, Ory M, **Matthews KA**, Schocken M, Bromberger J, Colvin A. Health-related quality of life in a multi-ethnic sample of middle-aged women: Study of Women’s Health Across the Nation (SWAN). Med Care. 41:1262-76, 2003.
28. Gallo LC, Troxel WM, **Matthews KA**, Kuller LH. Marital status and quality in middle-aged women: association with levels and trajectories of cardiovascular risk factors. Health Psychol. 22:453-63, 2003.
29. Räikkönen K, **Matthews KA**, Kondwani KA, Bunker CH, Melhem NM, Ukoli FAM, Asogun A, Jacob RG. Does nondipping of blood pressure at night reflect a trait of blunted cardiovascular responses to daily activities? Ann Behav Med. 27:131-7, 2004.
30. **Matthews KA**, Gump BB, Harris KF, Haney TL, Barefoot JC. Hostile behaviors predict cardiovascular mortality among men enrolled in the Multiple Risk Factor Intervention Trial. Circulation. 109:66-70, 2004.
31. Troxel WM, **Matthews KA**. What are the costs of marital conflict and dissolution to children's physical health? Clin Child Family Psychol Rev. 7:29-57, 2004.
32. Harris KF, **Matthews KA**. Interactions between autonomic nervous system activity and endothelial function: a model for the development of cardiovascular disease. Psychosom Med. 66:153-64, 2004.
33. Chen E, Langer DA, Raphaelson YE, **Matthews KA**. Socioeconomic status and health in adolescents: the role of stress interpretations. Child Dev 75:1039-1052, 2004.
34. Cyranowski JM, Bromberger J, Youk A, **Matthews KA**, Kravitz HM, Powell LH. Lifetime depression history and sexual function in women at midlife. Arch Sex Behav. 33:539-48, 2004.
35. **Matthews KA**, Katholi CR, McCreath H, Whooley MA, Williams DR, Zhu S, Markovitz JH. Blood pressure reactivity to psychological stress predicts hypertension in the CARDIA Study. Circulation. 110:74-8, 2004.
36. Flory JD, Manuck SB, **Matthews KA**, Muldoon MF. Serotonergic function in the central nervous system is associated with daily ratings of positive mood. Psychiat Res. 129:11-9, 2004.
37. Everson-Rose SA, Meyer PM, Powell LH, Pandey D, Torrens JI, Kravitz HM, Bromberger JT, **Matthews KA**. Depressive symptoms, insulin resistance, and risk for diabetes in women at mid-life. Diabetes Care. 27:2856-62, 2004.
38. Sternfeld B, Wang H, Quesenberry CP Jr, Abrams B, Everson-Rose SA, Greendale GA, **Matthews KA**, Torrens JI, Sowers MF. Physical activity and changes in weight and waist circumference in midlife women: findings from the Study of Women’s Health Across the Nation. Am J Epidemiol. 160:912-22, 2004.
39. Ming EE, Adler GK, Kessler RC, Fogg LF, **Matthews KA**, Herd JA, Rose RM. Cardiovascular reactivity to work stress predicts subsequent onset of hypertension: the air traffic controller health change study. Psychosom Med. 66:459-65, 2004.
40. Räikkönen K, **Matthews KA**, Sutton-Tyrrell K, Kuller LH. Trait anger and the metabolic syndrome predict progression of carotid atherosclerosis in healthy middle-aged women. Psychosom Med. 66:903-8, 2004.
41. Markovitz JM, **Matthews KA**, Whooley M, Lewis C, Greenlund K. Increases in job strain are associated with incident hypertension in the CARDIA Study. Ann Behav Med. 28:4-9, 2004.
42. **Matthews KA**, Räikkönen K, Sutton-Tyrrell, K, Kuller LH. Optimistic attitudes protect against progression of carotid atherosclerosis in healthy middle-aged women. Psychosom Med. 66:640-4, 2004.
43. Santoro N, Lasley B, McConnell D, Allsworth J, Crawford S, Gold EB, Finkelstein JS, Greendale GA, Kelsey J, Korenman S, Luborsky JL, **Matthews KA**, Midgley R, Powell L, Sabatine J, Schocken M, Sowers MF, Weiss G. Body size and ethnicity are associated with menstrual cycle alterations in women in the early menopausal transition: the Study of Women's Health Across the Nation (SWAN) Daily Hormone Study. J Clin Endocrinol Metab. 89:2622-31, 2004.
44. Rutledge T, Reis SE, Olson M, Owens J, Kelsey SF, Pepine CJ, Mankad S, Rogers WJ, Bairey Merz CN, Sopko G, Cornell CE, Sharaf BL, **Matthews KA**. Social networks are associated with lower mortality rates among women with suspected coronary disease: the National Heart, Lung, and Blood Institute-sponsored Women’s Ischemia Syndrome Evaluation Study. Psychosom Med. 66:882-8, 2004.
45. Iribarren C, Jacobs D, Hulley S, Kiefe C, Lewis C, **Matthews KA**, Roseman J. Causes and demographic, medical, lifestyle and psychosocial predictors of premature mortality: the CARDIA study. Soc Sci Med. 60:471-82, 2005.
46. Karlamangla AS, Singer BH, Williams DR, Schwartz JE, **Matthews KA**, Kiefe CI, Seeman TE. Impact of socioeconomic status on longitudinal accumulation of cardiovascular risk in young adults: the CARDIA Study (USA). Soc Sci Med. 60:999-1015, 2005.
47. Gump BB, **Matthews KA**, Eberly LE, Chang YF for the MRFIT Research Group. Depressive symptoms and mortality in men: results from the multiple risk factor intervention trial. Stroke. 36:98-102, 2005.
48. Gallo LC, Bogart LM, Vranceanu A, **Matthews KA**. Socioeconomic status, resources, psychological experiences, and emotional responses: a test of the reserve capacity model? J Pers Soc Psychol. 88:386-99, 2005.
49. **Matthews KA**, Owens JF, Salomon K, Harris KF, Berga SL. Influence of hormone therapy on the cardiovascular responses to stress of postmenopausal women. Biol Psychol 69:39-56, 2005.
50. Mackey RH, Kuller LH, Sutton-Tyrrell K, Evans RW, Holubkov R, **Matthews KA**. Hormone therapy, lipoprotein subclasses, and coronary calcification: the Healthy Women Study. Arch Intern Med. 165:510-5, 2005.

248. Sutton-Tyrrell K, Wildman RP, **Matthews KA**, Chae C, Lasley BL, Brockwell S, Pasternak RC, Lloyd Jones D, Sowers MF, Torréns JI. Sex hormone-binding globulin and the free androgen index are related to cardiovascular risk factors in multiethnic premenopausal and perimenopausal women enrolled in the Study of Women Across the Nation (SWAN). Circulation. 111:1242-9, 2005.

249. Yan LL, Liu K, **Matthews KA**, Daviglus ML, Kiefe C. Role of psychosocial factors in hypertension. Cardiol Rev. 22:39-44, 2005.

250. **Matthews KA**, Salomon K, Kenyon K, Zhou F. Unfair treatment, discrimination, and ambulatory blood pressure. Health Psychol. 24:258-65, 2005.

251. Bromberger JT, Kravitz HM, Wei HL, Brown C, Youk AO, Cordal A, Powell LH, **Matthews KA**. History of depression and women’s current health and functioning during midlife. Gen Hosp Psychiatry. 27:200-8, 2005.

252. Troxel WM, **Matthews KA**, Gallo LC, Kuller LH. Marital quality and occurrence of the metabolic syndrome in women. Arch Intern Med 165:1022-7, 2005.

253. Patel AS, Mackey RH, Wildman RP, Thompson T, **Matthews KA**, Kuller L, Sutton-Tyrrell K. Cardiovascular risk factors associated with enlarged diameter of the abdominal aortic and iliac arteries in healthy women. Atherosclerosis. 178:311-7, 2005

254. Gianaros PJ, Salomon K, Zhou F, Owens JF, Edmundowicz D, Kuller LH, **Matthews KA**. A greater reduction in high-frequency heart rate variability to a psychological stressor is associated with subclinical coronary and aortic calcification in postmenopausal women. Psychosom Med. 67:553-60, 2005.

255. Powell LH, Meyer P, Weiss G, **Matthews KA**, Santoro N, Randolph JF Jr, Schocken M, Skurnick J, Ory MG, Sutton-Tyrrell K. Ethnic differences in past hysterectomy for benign conditions. Women’s Health Issues. 15:179-86, 2005.

256. Lloyd-Jones DM, Sutton-Tyrrell K, Patel AS, **Matthews KA**, Pasternak RC, Everson-Rose SA, Scuteri A, Chae CU. Ethnic variation in hypertension among premenopausal and perimenopausal women, Study of Women’s Health Across the Nation. Hypertension. 46:689-95, 2005.

257. Agatisa PK, **Matthews KA**, Bromberger JT, Edmundowicz D, Chang YF, Sutton-Tyrrell K. Coronary and aortic calcification in women with major depression history. Arch Intern Med. 165:1229-36, 2005.

258. Gump BB, Stewart P, Reihman J, Lonky E, Darvill T, **Matthews KA**, Parsons PJ. Prenatal and early childhood blood lead levels and cardiovascular functioning in 9 ½ year old children. Neurotoxicol and Teratol. 27:655-65, 2005.

259. **Matthews KA**, Sowers MF, Derby C, Stein E, Miracle-McMahill H, Crawford S. Ethnic differences in cardiovascular risk factor burden among middle-aged women: Study of Women’s Health across the Nation (SWAN). Am Heart J. 149:1066-73, 2005.

260. Goldbacher EM, **Matthews KA**, Salomon K. Central adiposity is associated with cardiovascular reactivity to stress in adolescents. Health Psychol. 24:375-84, 2005.

261. Brunner RL, Gass M, Aragaki A, Hays J, Granek I, Woods N, Mason E, Brzyski R, Ockene J, Assaf A, LaCroix A, **Matthews KA**, Wallace R, for the Women’s Health Initiative Investigators. Effects of conjugated equine estrogen on health-related quality of life in postmenopausal women with hysterectomy: results from the Women’s Health Initiative Randomized Clinical Trial. Arch Intern Med. 165:1976-86, 2005.

1. Sowers MR, **Matthews KA**, Jannausch M, Randolph JF, McConnell D, Sutton-Tyrrell K, Little R, Lasley B, Pasternak R. Hemostatic factors and estrogen during the menopausal transition. J Clin Endocrinol Metab. 90:5942-8, 2005.
2. Sowers MR, Jannausch M, Randolph JF, McConnell D, Little R, Lasley B, Pasternak R, Sutton-Tyrrell K, **Matthews KA**. Androgens are associated with hemostatic and inflammatory factors among women at the mid-life. J Clin Endocrinol Metab. 90:6064-71, 2005.
3. Randolph JF Jr, Sowers M, Bondarenko I, Gold EB, Greendale GA, Bromberger JT, Brockwell SE, **Matthews KA**. The relationship of longitudinal change in reproductive hormones and vasomotor symptoms during the menopausal transition. J Clin Endocrinol Metab. 90:6106-12, 2005.
4. **Matthews KA**. Psychological perspectives on the development of coronary heart disease. Am Psychol. 60:783-96, 2005.
5. Hess R, **Matthews KA**, McNeil M, Chang CCJ, Kapoor W, Bryce C. Health services research in the privacy age. J Gen Intern Med. 20:1045-9, 2005.
6. **Matthews KA**, Bromberger JT. Does the menopausal transition affect health-related quality of life? Am J Med. 118(Suppl 12B):25-36, 2005.
7. Brown C, **Matthews KA**, Bromberger J. How do African American and Caucasian women view themselves at midlife? J Appl Soc Psychol. 35:2057-75, 2005.
8. Brady SS, **Matthews KA**. Chronic stress influences ambulatory blood pressure in adolescents. Ann Behav Med. 31:80-8, 2006.
9. **Matthews KA**, Zhu S, Tucker DC, Whooley MA. Blood pressure reactivity to psychological stress and coronary calcification in the coronary artery risk development in young adults study. Hypertension. 47:391-5, 2006.
10. Knox S, Barnes A, Kiefe C, Lewis CE, Iribarren C, **Matthews KA**, Wong ND, Whooley M. History of depression, race, and cardiovascular risk in CARDIA. Int J Behav Med. 13:44-50, 2006.
11. Chen E, Martin AD, **Matthews KA**. Socioeconomic status and health: do gradients differ within childhood and adolescence? Soc Sci Med. 62:2161-70, 2006.
12. Gallo LC, **Matthews KA**. Adolescents’ attachment orientation influences ambulatory blood pressure responses to every day social interactions. Psychosom Med. 68:253-61, 2006.
13. Yan LL, Liu K, Daviglus ML, Colangelo LA, Kiefe CI, Sidney S, **Matthews KA**, Greenland P. Education, 15-year risk factor progression, and coronary artery calcium in young adulthood and early middle age: the Coronary Artery Risk Development in Young Adults study. JAMA. 295:1793-1800, 2006.
14. Chen E, Martin AD, **Matthews KA**. Understanding health disparities: the role of race and socioeconomic status in children’s health. Am J Pub Health. 96:702-8, 2006.
15. Brady SS, **Matthews KA**. Effects of media violence on health-related outcomes among young men. Arch Pediatr Adolesc Med. 160:341-7, 2006.
16. **Matthews KA**, Owens JF, Edmundowicz D, Lee L, Kuller LH. Positive and negative attributes and risk for coronary and aortic calcification in healthy women. Psychosom Med. 68:355-61, 2006.
17. Scheier M, Ingersoll K, Wrosch C, Schulz R, **Matthews KA**, Baum A, Zdaniuk B, Martire L, Cohen S. The life engagement test: assessing purpose in life. J Behav Med. 29:291-8, 2006.
18. Lewis TT, Everson-Rose SA, Powell LH, **Matthews KA**, Brown C, Karavolos K, Sutton-Tyrrell K, Jacobs E, Wesley D. Chronic exposure to everyday discrimination and coronary artery calcification in African-American women: the SWAN heart study. Psychosom Med. 68:362-8, 2006.
19. **Matthews KA**, Santoro N, Lasley B, Chang Y, Crawford S, Pasternak RC, Sutton-Tyrrell K, Sowers MF. Relation of cardiovascular risk factors in women approaching menopause to menstrual cycle characteristics and reproductive hormones in the follicular and luteal phases. J Clin Endocrinol Metab. 91:1789-95, 2006.
20. Rutledge T, Reis SE, Olson MB, Owens J, Kelsey SF, Pepine CJ, Mankad S, Rogers WJ, Bairey Merz N, Sopko G, Cornell CE, Sharaf B, **Matthews KA**, Vaccarino V. Depression symptom severity and reported treatment history in the prediction of cardiac risk in women with suspected myocardial ischemia. Arch Gen Psychiatry. 63:874-880, 2006.
21. Heinonen K, Räikkönen K, **Matthews KA**, Scheier M, Raitakari OT, Pulkki L, Keltikangas-Järvinen L. Socioeconomic status in childhood and adulthood: associations with dispositional optimism and pessimism over a 21-year follow-up. J Pers. 74:111-26, 2006.
22. McGrath JJ, **Matthews KA**, Brady SS. Individual versus neighborhood socioeconomic status and race as predictors of adolescent ambulatory blood pressure and heart rate. Soc Sci Med. 63:1442-53, 2006.
23. Gold EB, Colvin A, Avis N, Bromberger J, Greendale G, Powell L, Sternfeld B, **Matthews KA**. Longitudinal analysis of vasomotor symptoms and race/ethnicity across the menopausal transition: Study of Women’s Health Across the Nation (SWAN). Am J Pub Health. 96:1226-35, 2006.
24. **Matthews KA**, Schwartz J, Cohen S, Seeman T. Diurnal cortisol decline is related to coronary calcification: CARDIA Study. Psychosom Med. 68:657-61, 2006.
25. Brown C, **Matthews KA**, Bromgerger JT, Chang Y. The relationship between perceived unfair treatment and blood pressure in a racially/ethnically diverse sample of women. Am J Epidemiol. 164:257-62, 2006.
26. Krantz DS, Olson MB, Phankao C, Bairey Merz CN, Sopko G, Vido DA, Shaw LJ, Sheps DS, Francis J, Pepine CJ, **Matthews KA** for the WISE Investigators. Anger, hostility, and cardiac symptoms in women with suspected coronary artery disease: the Women’s Ischemia Syndrome Evaluation (WISE) study. Psychosom Med. J Women’s Health. 15:112-20, 2006.
27. Everson-Rose SA, Lewis T, Karavolos K, Powell L, Sutton-Tyrrell K, **Matthews KA**. Cynical hositility and carotid atherosclerosis in African-American and Caucasian women: the SWAN Heart Study. Am Heart J. 152:982.e7-13, 2006.
28. Ruiz JM, **Matthews KA**, Scheier MF, Schulz R. Does whom you marry matter for your health? Influence of patient’s and spouse’s personality on their partner’s psychological well-being following coronary artery bypass surgery. J Pers Soc Psychol. 91:255-67, 2006.
29. Farhat G, Cauley J, **Matthews KA**, Newman A, Johnston J, Mackey R, Edmundowicz D, Sutton-Tyrrell K. Volumetric BMD and vascular calcification in middle-aged women: the Study of Women’s Health Across the Nation. J Bone Miner Res. 21:1839-46, 2006.
30. **Matthews KA**, Schott LL, Bromberger J, Cyranowski J, Everson-Rose SA, Sowers MF. Associations between depressive symptoms and inflammatory/hemostatic markers in women during the menopausal transition. Psychosom Med. 69:124-30, 2007.
31. Cyranowski JM, Marsland AL, Bromberger JT, Whiteside T, Chang YF, **Matthews KA**. Depressive symptoms and production of proinflammatory cytokines by peripheral blood mononuclear cells stimulated in vitro. Brain Behav Immunity. 21:229-37, 2007.
32. Gianaros PJ, Jennings JR, Sheu LK, Derbyshire WG, **Matthews KA**. Heightened functional neural activation to psychological stress covaries with exaggerated blood pressure reactivity. Hypertension. 49:134-40, 2007.
33. Santoro N, Brockwell S, Johnston J, Crawford SL, Gold EB, Harlow AD, **Matthews KA**, Sutton-Tyrrell K. Helping midlife women predict the onset of the final menses – SWAN, the study of women’s health across the nation. Menopause. 14:1-9, 2007.
34. Gianaros PJ, Jennings JR, Sheu LK, Greer PJ, Kuller LH, **Matthews KA**. Prospective reports of chronic life stress predict decreased grey matter volume in the hippocampus. NeuroImage. 35:795-803, 2007.
35. Räikkönen K, **Matthews KA**, Kuller LH. Depressive symptoms and stressful life events predict metabolic syndrome among middle-aged women: a comparison of World Health Organization, Adult Treatment Panel III, and International Diabetes Foundation definitions. Diabetes Care. 30:872-7, 2007.
36. Chen E, **Matthews KA**, Zhou F. Interpretations of ambiguous social situations and cardiovascular responses in adolescents. Ann Behav Med. 34:26-36, 2007.
37. Gump BB, Reihman JB, Stewarl P, Lonky E, Darvill T, **Matthews KA**. Blood lead (Pb) levels: a potential environmental mechanism explaining the relation between socioeconomic status and cardiovascular reactivity in children. Health Psychol. 26:296-304, 2007.
38. Farhat GN, Newman AB, Sutton-Tyrrell K, Matthews KA, Boudreau R, Schwartz AV, Harris T, Tylavsky F, Visser M, Cauley JA for the Health ABC Study. The association of bone mineral density measures with incident cardiovascular disease in older adults. Osteoporos Int 18:999-1008, 2007.
39. Janicki-Deverts D, Cohen S, Alder NE, Schwartz JE, **Matthews KA**, Seeman TE. Socioeconomic status is related to urinary catecholamines in the coronary artery risk development in young adults (CARDIA) study. Psychosom Med. 69:514-20, 2007.
40. Chen E, Martin AD, **Matthews KA**. Trajectories of socioeconomic status across children’s lifetimes predict health. Pediatrics. 120:e297-303, 2007.
41. **Matthews KA**, Kuller LH, Chang Y, Edmundowicz D. Premenopausal risk factors for coronary and aortic calcification: a 20-year follow-up in the Healthy Women Study. Prev Med. 45:302-8, 2007. PMCID: PMC2697060
42. Bromberger JT, **Matthews KA**, Schott LL, Brockwell S, Avis NE, Kravitz HM, Everson-Rose SA, Gold EB, Sowers M, Randolph JF Jr. Depressive symptoms during the menopausal transition: the Study of Women’s Health Across the Nation (SWAN). J Affect Disord. 103:267-72, 2007. PMCID: PMC2048765
43. Goldman SE, Ancoli-Israel S, Cauley J, Newman A, Blackwell T, Boudreau R, Hall M, **Matthews KA**, Ewing S. Poor sleep is associated with poorer physical performance and greater functional limitations in older women. Sleep. 30:1317-24, 2007.
44. Goldbacher EM, **Matthews KA**. Are psychological characteristics related to risk of the metabolic syndrome? Ann Behav Med. 34:240-52, 2007.
45. Ohira T, Hozawa A, Iribarren C, Daviglus ML, **Matthews K**, Gross MD, Jacobs DR Jr. Longitudinal association of serum carotenoids and tocopherols with hostility: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Am J Epidemiol. 167:42-50, 2008.
46. Thurston RC, Sowers MR, Chang Y, Sternfeld B, Gold EB, Johnston JM, **Matthews KA**. Adiposity and reporting of vasomotor symptoms among midlife women: the Study of Women’s Health Across the Nation. Am J Epidemiol. 167:78-85, 2008.
47. Thurston RC, Bromberger J, Chang Y, Goldbacher E, Brown C, Cyranowski JM, **Matthews KA**. Childhood abuse or neglect is associated with increased vasomotor symptom reporting among midlife women. Menopause. 15:16-22, 2008.
48. Wildman RP, Colvin AB, Powell LH, **Matthews KA**, Everson-Rose SA, Hollenberg S, Johnston JM, Sutton-Tyrrell K. Associations of endogenous sex hormones with the vasculature in menopausal women: the Study of Women’s Health Across the Nation (SWAN). Menopause. 15:414-21, 2008.
49. Hess R, Colvin A, Avis NE, Bromberger JT, Schocken M, Johnston JM, **Matthews KA**. The impact of hormone therapy on health related quality of life: longitudinal results from the Study of Women’s Health Across the Nation. Menopause. 15:422-8, 2008.
50. Hess R, Olshansky E, Ness R, Bryce CL, Dillon S, Kapoor WN, Chang CCH, **Matthews KA.** Pregnancy and birth history influence women’s experience of menopause. Menopause. 15:435-41, 2008.
51. Gianaros PJ, Horenstein JA, Cohen S, **Matthews KA**, Brown SM, Flory JD, Critchley HD, Manuck SB, Hariri AR. Perigenual anterior cingulate morphology covaries with perceived social standing. Soc Cognit Affective Neurosci. 2:161-73, 2008. PMCID: PMC2312334
52. Gianaros PJ, Sheu LK, **Matthews KA**, Jennings JR, Manuck SB, Hariri AR. Individual differences in stressor-evoked blood pressure reactivity vary with activation, volume, and functional connectivity of the amygdala. J Neurosci. 28:990-9, 2008. PMCID: PMC2526972
53. Thurston RC, Sowers MF, Sutton-Tyrrell K, Everson-Rose SA, Lewis TT, Edmundowicz D, **Matthews KA**. Abdominal adiposity and hot flashes among midlife women. Menopause. 15:429-34, 2008. PMCID: PMC2875947
54. Goldman SE, Hall M, Boudreau R, **Matthews KA**, Cauley JA, Ancoli-Israel S, Stone KL, Rubin SM, Satterfield S, Simonsick EM, Newman AB. Association between nighttime sleep and napping in older adults. Sleep. 31:733-40, 2008. PMCID: PMC2398743
55. Mezick EJ, **Matthews KA**, Hall M, Strollo PJ, Buysse DJ, Kamarck TW, Owens JF, Reis SE. Influence of race and socioeconomic status on sleep: Pittsburgh SleepSCORE Project. Psychosom Med. 70:410-6, 2008. PMC2887747

*Erratum*: Psychosom Med 72:331, 2010.

1. Gianaros PJ, Horenstein JA, Hariri AR, Sheu LK, Manuck SB, **Matthews KA**, Cohen S. Potential neural embedding of parental social standing. Soc Cognit Affect Neurosci. 3:91-6, 2008. PMCID: PMC2311502
2. Olson MB, Kelsey SF,Matthews **KA**, Bairey Merz CN, Eteiba W, McGorray SP, Cornell CE, Vido DA, Muldoon MF. Lipid-lowering medication use and aggression scores in women: a report from the NHLBI-sponsored WISE study. J Women’s Health. 17:187-94, 2008. PMC2896287
3. Santoro N, Crawford SL, Lasley WL, Luborsky JL, Matthews **KA**, McConnell D, Randolph Jr. JF, Gold EB, Greendale GA, Korenman SG, Powell L, Sowers MF, Weiss G. Factors related to declining luteal function in women during the menopausal transition. J Clin Endocrinol Metab. 93:1711-21, 2008. PMCID: PMC2386686
4. Kravitz HM, Zhao X, Bromberger JT, Gold EB, Hall MH, **Matthews KA**, Sowers MF. Sleep disturbance during the menopausal transition in a multi-ethnic community sample of women. Sleep. 31:979-90, 2008. PMCID: PMC2491500
5. Räikkönen K, **Matthews KA**. Do dispositional pessimism and optimism predict ambulatory blood pressure during schooldays and nights in adolescents? J Pers. 76:605-30, 2008. PMC2919826
6. **Matthews KA**, Kamarck TW, Hall M, Strollo PJ, Owens JF, Buysse DJ, Lee L, Reis SE. Blood pressure dipping and sleep disturbance in African American and Caucasian men and women. Am J Hypertens. 21:826-31, 2008. PMC2890257
7. Kelley-Hedgepeth A, Lloyd-Jones DM, Colvin A, Matthews **KA**, Johnston J, Sowers MR, Sternfeld B, Pasternak RC, Chae CU, & SWAN Investigators. Ethnic differences in C-reactive protein concentrations.Clin Chem. 54:1027-37, 2008. PMID 18403563
8. Adler N, Singh-Manoux A, Schwartz J, Stewart J, **Matthews K**, Marmot M. Social status and health: a comparison or British civil servants in Whitehall II with European and African American in CARDIA. Soc Sci Med. 66:1034-45, 2008. PMID 18180089
9. Thurston RC, Bromberger JT, Joffe H, Avis N, Hess R, Crandall C, Chang Y, Green R, **Matthews KA**. Beyond frequency: who is most bothered by vasomotor symptoms? Menopause. 15:841-7, 2008. PMC2866103
10. **Matthews KA**, Räikkönen K, Gallo LC, Kuller LH. Association between socioeconomic status and metabolic syndrome in women: testing the Reserve Capacity Model. Health Psychol. 27:576-83, 2008. PMC2880509
11. Janicki-Deverts J, Cohen S, **Matthews KA**, Cullen MR. History of unemployment predicts future elevations in C-reactive protein among male participants in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. Ann Behav Med 36:176-85, 2008. PMID 19414620
12. Thurston RC, Sutton-Tyrell K, Everson-Rose SA, Hess R, **Matthews KA**. Hot flashes and subclinical cardiovascular disease: Findings from the Study of Women’s Health across the Nation Heart Study. Circulation. 118:1234-40, 2008.PMCID: PMC2728044
13. Sowers MF, Zheng H, Kravitz HM, **Matthews KA**, Bromberger J, Gold EG, Owens JF, Consens F, Hall M. Sex steroid hormone profiles are related to sleep measures from polysomnography and the Pittsburgh Sleep Quality Index. Sleep. 31:1339-49, 2008. PMCID: PMC2572739
14. Kuller LH, **Matthews KA**, Edmundowicz D, Chang Y. Incident coronary artery calcium among post-

menopausal women. Atherosclerosis. 200:278-85, 2008. PMCID: PMC2577772

1. Egizio VB, Jennings JR, Christie IC, Sheu LK, **Matthews KA**, Gianaros PJ. Cardiac vagal activity during psychological stress varies with social functioning in older women. Psychophysiology. 45:1046-54, 2008. PMCID: PMC2866176
2. Scuteri A, Vuga M, Najjar SS, Mehta V, Everson-Rose SA, Sutton-Tyrrell K, **Matthews KA,** Lakatta EG. Education eclipses ethnicity in predicting the development of the metabolic syndrome in different ethnic groups in mid-life:  the Study of Women's Health Across the Nation (SWAN).  Diabetic Med. 25:1390-9, 2008. PMCID: PMC2607571
3. Buysse DJ, Hall MH, Strollo PJ, Kamarck TW, Owens JF, Laisze L, Reis SE, **Matthews KA**. Relationships between the Pittsburgh Sleep Quality Index (PSQI), Epworth Sleepiness Scale (ESS), and clinical/polysomnographic measures in a community sample. J Clin Sleep Med., 4:563-71, 2008. PMCID: PMC2603534
4. Gump BB, Reihman J, Stewart P, Lonky E, Darvill T, Granger DA, **Matthews KA**. Trajectories of maternal depressive symptoms over their child’s lifespan: relation to adrenocortical, cardiovascular, and emotional functioning in children. Dev Psychopathol. 21:207-25, 2009. PMID: 19144231
5. Bromberger JT, Kravitz HM, **Matthews KA**, Youk A, Brown C, Feng W. Predictors of first lifetime episodes of major depression in midlife women. Psychol Med. 39:55–64, 2009. PMC2905863
6. Thurston RC, **Matthews KA**, Hernandez J, De la Torre F. Improving the performance of physiologic hot flash measures with support vector machines. Psychophysiology. 46:285-92, 2009. PMCID: PMC2755219
7. Hall MH, **Matthews KA**, Kravitz HM, Gold EB, Buysse DJ, Bromberger JT, Owens JF, Sowers MF. Race and financial strain are independent correlates of sleep in midlife women: the SWAN Sleep Study. Sleep. 32:73-82, 2009. PMCID: PMC2625326
8. Lewis TT, Everson-Rose SA, Colvin A, **Matthews K**, Bromberger JT, Sutton-Tyrell K. The interactive effects of race and depressive symptoms on calcification in African-American and White women. Psychosom Med. 71:163–70, 2009. PMC2896037
9. Thurston RC, **Matthews KA**. Racial and socioeconomic disparities in arterial stiffness and intima media thickness among adolescents. Soc Sci Med. 68:807-813, 2009. PMC2887751
10. Troxel WM, Buysse DJ, Hall M, **Matthews KA**.  Marital happiness and sleep disturbances in a multi-ethnic sample of middle-aged women.  Behav Sleep Med. 7:2-19, 2009. PMCID: PMC2654623
11. Goldbacher EM, Bromberger J, **Matthews KA**. Lifetime history of major depression predicts the development of the metabolic syndrome in middle-aged women. Psychosom Med. 71:266-72, 2009. PMC2882687
12. Derby CA, Crawford SL, Pasternak RC, Sowers M, Sternfeld B, **Matthews KA**. Lipid changes during the menopause transition in relation to age and weight: the Study of Women’s Health Across the Nation (SWAN). Am J Epidemiol. 169:1352-51, 2009. PMCID: PMC2727246
13. Janicki-Deverts D, Cohen S, **Matthews KA**, Gross MD, Jacobs, Jr DR. Socioeconomic status, antioxidant micronutrients, and correlates of oxidative damage: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Psychosom Med. 71:541-8, 2009. PMID: 19414620

1. Hess R, Conroy MB, Ness R, Bryce CL, Dillon S, Chang CCH, **Matthews KA**. Association of lifestyle and relationship factors with sexual functioning of women during midlife. J Sex Med. 6:1358-68, 2009. PMCID: PMC2752308
2. Midei AJ, **Matthews KA**. Social relationships and negative emotional traits are associated with central adiposity and arterial stiffness in healthy adolescents. Health Psychol. 28:347-53, 2009. PMCID: PMC2818581
3. Soreca I, Rosano C, Jennings JR, Sheu LK, Kuller LH, **Matthews KA**, Aizenstein HJ, Gianaros PJ. Gain in adiposity across 15 years is associated with reduced gray matter volume in healthy women. Psychosom Med. 71:485-90, 2009. PMCID: PMC2863115
4. Gruenewald TL, Cohen S, **Matthews KA**, Tracy R, Seeman TE. Association of socioeconomic status with inflammation markers in black and white men and women in the Coronary Artery Risk Development in Young Adults (CARDIA) study. Soc Sci Med. 69:451-9, 2009. PMCID: PMC2747365
5. Avis NE, Colvin A, Bromberger JT, Hess R, **Matthews KA**, Ory M, Schocken M. Change in health-related quality of life over the menopausal transition in a multiethnic cohort of middle-aged women: Study of Women’s Health Across the Nation. Menopause. 16:860-9, 2009. PMCID: PMC2743857

1. Schott LL, Kamarck TW, **Matthews KA**, Brockwell SE, Sutton-Tyrrell K. Is brachial artery flow-mediated dilation associated with negative affect? Int J Behav Med. 16:241-7, 2009. PMCID: PMC2874418
2. Mezick EJ, [**Matthews KA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Matthews%20KA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Hall M](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Hall%20M%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Kamarck TW](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Kamarck%20TW%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Buysse DJ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Buysse%20DJ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Owens JF](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Owens%20JF%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Reis SE](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Reis%20SE%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Intra-individual variability in sleep duration and fragmentation: associations with stress. Psychoneuroendocrinology. 34:1346-54, 2009. PMCID: PMC2743778
3. Pressman SD, **Matthews KA**, Cohen S, Martire LM, Scheier M, Baum A, Schulz R. Association of enjoyable life activities with psychological and physical well-being. Psychosom Med. 71:725-32, 2009. PMCID: PMC2863117
4. Gump BB, Reihman J, Stewart P, Lonky E, Granger DA, **Matthews KA**.  Blood lead (Pb) levels: further evidence for an environmental mechanism explaining the association between socioeconomic status and psychophysiological dysregulation in children.  Health Psychol. 28:614-20, 2009. PMID: 19751088
5. Thurston RC, Sowers MR, Sternfeld B, Gold EB, Bromberger J, Chang Y, Joffe H, Crandall CJ, Waetjen LE, **Matthews KA**. Gains in body fat and vasomotor symptom reporting over the menopausal transition: The Study of Women’s Health Across the Nation. Am J Epidemiol. 170:766-74, 2009. PMCID: PMC2768523
6. Tindle HA, Chang YF, Kuller LH, Manson JE, Robinson JG, Rosal MC, Siegle GJ, **Matthews KA**. Optimism, cynical hostility, and incident coronary heart disease and mortality in the Women’s Health Initiative. Circulation. 120:656-62, 2009. PMCID: PMC2901870
7. Whipple MO, Lewis TT, Sutton-Tyrrell K, **Matthews KA**, Barinas-Mitchell E, Powell LH, Everson-Rose SA. Hopelessness, depressive symptoms, and carotid atherosclerosis in women. The Study of Women's Health Across the Nation (SWAN) Heart Study. Stroke. 40:3166-72, 2009. PMCID: PMC2762349
8. Pesonen A-K, Räikkönen K, **Matthews K**, Heinonen K, Paavonen JE, Lahti J, Komsi N, Lemola S, Järvenpää A-L, Kajantie E, Strandberg T.  Prenatal origins of poor sleep in children. Sleep. 32:1086-92, 2009. PMCID not required; No NIH support.
9. Beatty DL, **Matthews KA**. Unfair treatment and trait anger in relation to nighttime ambulatory blood pressure in African American and White adolescents. Psychosom Med. 71:813-20, 2009. PMCID: PMC3093296
10. Low CA, Salomon K, **Matthews KA**. Chronic life stress, cardiovascular reactivity, and subclinical cardiovascular disease in adolescents. Psychosom Med. 71:927-31, 2009. PMCID: [PMC2783997](http://www.pubmedcentral.gov/articlerender.fcgi?tool=nihms&artid=2783997)
11. Torréns JI, Sutton-Tyrrell K, Zhao X, **Matthews K**, Brockwell S, Sowers M, Santoro N. Relative androgen excess during the menopausal transition predicts incident metabolic syndrome in midlife women: study of Women's Health Across the Nation. Menopause. 16:257-64, 2009. PMC2950016
12. **Matthews KA**, Crawford SL, Chae CU, Everson-Rose SA, Sowers MF, Sternfeld B, Sutton-Tyrrell K. Are changes in cardiovascular disease risk factors in midlife women due to chronological aging or to the menopausal transition? J Am Coll Cardiol., 54:2366–73, 2009. PMCID: [PMC2856606](http://www.pubmedcentral.gov/articlerender.fcgi?tool=nihms&artid=2856606)
13. Thurston RC, Christie IC, **Matthews KA**. Hot flashes and cardiac vagal control: a link to cardiovascular risk? Menopause. 17:456-61, 2009. PMCID: [PMC2866826](http://www.pubmedcentral.gov/articlerender.fcgi?tool=nihms&artid=2866826)
14. Thurston RC**,** Kuller LH, Edmundowicz D, **Matthews KA**. History of hot flashes and aortic calcification among postmenopausal women. Menopause. 17:256-61, 2010. **PMCID:** [**PMC2837097**](http://www.pubmedcentral.gov/articlerender.fcgi?tool=nihms&artid=2837097)
15. Schwarz EB, McClure CK, Tepper PG, Thurston R, Janssen I, **Matthews KA**, Sutton-Tyrrell K. Lactation and maternal measures of subclinical cardiovascular disease. Obstet Gynecol. 115:41-8, 2010. PMID: 20027032
16. **Matthews KA**, Schott LL, Bromberger JT, Cyranowski JM, Everson-Rose SA, Sowers MF. Are there bi-directional associations between depressive symptoms and C-reactive protein in mid-life women? Brain Behav Immun. 24:96-101, 2010. PMCID: PMC2844108
17. Troxel WM, Buysse DJ, Hall M, Kamarck TW, Strollo PJ, Owens JF, Reis SE, **Matthews KA**. Social integration, social contacts, and blood pressure dipping in African-Americans and whites. J Hypertens. 28:265-71, 2010. PMCID: PMC2864490
18. Midei AJ, **Matthews KA**, Bromberger JT. Childhood abuse is associated with adiposity in mid-life women: Possible pathways through trait anger and reproductive hormones. Psychosom Med. 72:215–23, 2010. PMCID: PMC2832915
19. Mezick EJ, **Matthews KA**, Hall M, Kamarck TW, Strollo PJ, Buysse DJ, Owens JF, Reis SE. Low life purpose and high hostility are related to an attenuated decline in nocturnal blood pressure. Health Psychol. 29:196-204, 2010. PMCID: PMC2841295
20. Lemola S, Räikkönen K, **Matthews KA**, Scheier MF, Heinonen K, Pesonen A-K, Komsi N, Lahti J. A new measure for dispositional optimism and pessimism in young children. Eur J Pers. 24:71-84, 2010. PMCID not required; No NIH support.
21. Räikkönen K, **Matthews KA**, Pesonen A, Pyhälä R, Paavonen J, Feldt K, Jones A, Phillips DIW, Seckl JR, Heinonen K, Lahti J, Komsi N, Järvenpää A, Eriksson JG, Strandberg TE, Kajantie E. Poor sleep and altered hypothalamic-pituitary-adrenocortical and sympatho-adrenal-medullary system activity in children. J Clin Endocrinol Metabolism. 95:2254-61, 2010. PMCID not required; No NIH support.
22. Owens JF, Buysse DJ, Hall M, Kamarck TW, Lee L, Strollo PJ, Reis SE, **Matthews KA**. Napping, nighttime sleep, and cardiovascular risk factors in mid-life adults. J Clin Sleep Med. 6:330-335, 2010. PMCID: PMC2919662
23. Räikkönen K, Seckl JR, Heinonen K, Pyhälä R, Feldt K, Jones A, Pesonen A-K, Phillips DIW, Lahti J, Järvenpää A-L, Eriksson JG, **Matthews KA**, Strandberg TE, Kajante E. Maternal prenatal licorice consumption alters hypothalamic-pituitary-adrenocortical axis function in children. Psychoneuroendocrinology. 35:1587-93, 2010. PMCID not required; No NIH support.

1. Janicki Deverts D, Cohen S, DiLillo VG, Lewis CE, Kiefe C, Whooley M, **Matthews KA**.Depressive symptoms, race, and circulating C-reactive protein: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Psychosom Med. 72:734-41, 2010. PMC3037796
2. Bromberger JT, Schott LL, Kravitz HM, Sowers M, Avis NE, Gold EB, Randolph JF Jr, **Matthews KA**. Longitudinal change in reproductive hormones and depressive symptoms across the menopausal transition: Results from the Study of Women's Health Across the Nation (SWAN). Arch Gen Psychiatry. 67:598-607, 2010. PMC3129620
3. Troxel WM, Buysse DJ, **Matthews KA**, Kravitz HM, Bromberger JT, Sowers M, Hall MH. Marital/cohabitation status and history in relation to sleep in midlife women. Sleep. 33:973-81, 2010. PMCID: PMC2894440
4. Low CA, Thurston RC, **Matthews KA**. Psychosocial factors in the development of heart disease in women:  Current status and future directions. Psychosom Med. 72:842-54, 2010. PMCID: PMC2978285
5. Troxel WM, Buysse DJ, **Matthews KA**, Kip KE, Strollo PJ, Hall M, Drumheller O, Reis SE. Sleep symptoms predict the development of the metabolic syndrome. Sleep. 33:1633-40, 2010. PMCID: PMC2982733
6. **Matthews KA**, Zheng H, Kravitz HM, Sowers MF, Bromberger JT, Buysse DJ, Owens JF, Sanders M, Hall M. Are inflammatory and coagulation biomarkers related to sleep characteristics in mid-life women?: Study of Women’s Health across the Nation Sleep Study. Sleep. 33:1649-55, 2010. PMCID: PMC2982735
7. **Matthews KA**, Chang YF, Sutton-Tyrrell K, Edmundowicz D, Bromberger JT. Recurrent major depression predicts progression of coronary calcification in healthy women: Study of Women's Health across the Nation. Psychosom Med. 72:742-7, 2010. PMCID: PMC2950893

1. Harville EW, Gunderson EP, **Matthews KA**, Lewis CE, Carnethon M. Pre-pregnancy stress reactivity and pregnancy outcome. Paediatr Perinat Epidemiol. 24:564-71, 2010. PMID: 20955234
2. Lemola S, Räikkönen K, Scheier MF, **Matthews KA**, Pesonen A-K, Heinonen K, Lahti J, Komsi N, Paavonen JE, Kajante E. Sleep quantity, quality and optimism in children. J Sleep Res. 20:12-20, 2011. PMCID not required; No NIH support.
3. Thurston RC, Sherwood A, **Matthews KA**, Blumenthal JA.Household responsibilities, income, and ambulatory blood pressure among working men and women**.** Psychosom Med. 73:200-5, 2011. PMCID: PMC3038680
4. Woodard GA, Brooks MM, Barinas-Mitchell E, Mackey RH, **Matthews KA**, Sutton-Tyrrell K. Lipids, menopause, and early atherosclerosis in Study of Women’s Health Across the Nation Heart women. Menopause. 18:376-84, 2011. PMC3123389
5. Midei AJ, **Matthews KA**. Interpersonal violence in childhood as a risk factor for obesity: A systematic review of the literature and proposed pathways. Obesity Rev. 12:159-72, 2011. PMCID: PMC3104728
6. Wildman RP, Janssen I, Khan UI, Thurston RC, Barinas-Mitchell E, El Khoudary SR, Everson-Rose SA, Kazlauskaite R, **Matthews KA**, Sutton-Tyrrell K. Subcutaneous adipose tissue in relation to subclinical atherosclerosis and cardiometabolic risk factors in midlife women. Am J Clin Nutrit. 93:719-26, 2011. PMCID PMC3057544
7. Gibson CJ, Bromberger JT, Weiss GE, Thurston RC, Sowers MF, **Matthews KA**. Negative attitudes do not predict elective hysterectomy: A prospective analysis from the Study of Women's Health Across the Nation. Menopause. 18:499-507, 2011. PMC3123400
8. **Matthews KA**, Strollo PJ, Hall M, Mezick EJ, Kamarck TW, Owens JF, Buysse DJ, Reis SE. Associations of Framingham risk score profile and coronary artery calcification with sleep characteristics in middle-aged men and women: Pittsburgh SleepSCORE Study. Sleep. 34:711-6, 2011.PMC3099492
9. Beatty DL, **Matthews KA**, Kamarck TW, Hall M, Buysse D, Strollo P, Owens J. Unfair treatment is associated with poor sleep in African American and Caucasian adults: Pittsburgh SleepSCORE Project. Health Psychol. 303:351-9, 2011. PMC3131074

1. Dietz L, **Matthews KA**. Depressive symptoms and subclinical markers of cardiovascular disease in adolescents. J Adolesc Health. 48:579-84, 2011. PMC3096828
2. Prairie BA, Scheier MF, **Matthews KA**, Chang CH, Hess R. A higher sense of purpose in life is associated with sexual enjoyment in midlife women. Menopause. 18:839-44, 2011. PMC3181046
3. Khan UI, Wang D, Thurston RC, Sowers M, Sutton-Tyrrell K, **Matthews KA**, Barinas-Mitchell E, Wildman RP. Burden of subclinical cardiovascular disease in "metabolically benign" and "at-risk" overweight and obese women: The Study of Women's Health Across the Nation (SWAN). Atherosclerosis. 217:179-86, 2011. PMC3117052

1. Birru MS, **Matthews KA**, Thurston RC, Brooks MM, Said I, Barinas-Mitchell E, Janssen I, Sutton-Tyrrell K. African-American ethnicity and cardiovascular risk factors are related to aortic pulse-wave velocity progression. Am J Hypertens. 24:809-15, 2011. PMID: 21490691 PMC – In Process
2. Thurston RC, Sutton-Tyrrell K, Everson-Rose SA, Hess R, Powell LH, **Matthews KA**. Hot flashes and carotid intima media thickness among midlife women. Menopause. 18:352-8, 2011. PMC3116932
3. Bromberger JT, Kravitz HM, Chang YF, Cyranowski JM, Brown C, **Matthews KA**. Major depression during and after the menopausal transition: Study of Women's Health Across the Nation (SWAN). Psychol Med. 41:1879-88, 2011. PMID 21306662 PMC – In Process
4. Janssen I, Powell LH, **Matthews KA**, Cursio J, Hollenberg SM, Sutton-Tyrrell K, Bromberger JT, Everson-Rose SA. Depressive symptoms are related to progression of coronary calcium in midlife women: The Study of Women's Health Across the Nation (SWAN) Heart Study. Am Heart J. 161:1186-91, 2011. PMC3140211
5. Beatty DL, Kamarck TW, **Matthews KA**, Shiffman S. Childhood socioeconomic status is associated with psychosocial resources in African Americans: The Pittsburgh Healthy Heart Project. Health Psychol. 30:472-80, 2011. PMID: 21744966 PMC – In process
6. Shivpuri S, Gallo LC, Mills PJ, **Matthews KA**, Elder JP, Talavera GA. Trait anger, cynical hostility and inflammation in Latinas: Variations by anger type? Brain Behav Immun. 25:1256-63, 2011. PMC3138900
7. Kravitz HM, Avery E, Sowers M, Bromberger JT, Owens JF, **Matthews KA**, Hall M, Zheng H, Gold EB, Buysse DJ. Relationships between menopausal and mood symptoms and EEG sleep measures in a multi-ethnic sample of middle-aged women: The SWAN Sleep Study. Sleep. 34:1256-1263, 2011. PMC3157664
8. Sutton-Tyrrell K, Zhao X, Santoro N, Lasley B, Sowers MF, Johnston J, Mackey R, **Matthews KA**. Reproductive hormones and obesity: Nine years of observation from SWAN. Am J Epidemiol. 171(11):1203-13, 2010. PMC2915490
9. Merkin SS, Azziz R, Seeman T, Calderon-Margalit, R, Daviglus M, Kiefe C, **Matthews KA**, Sternfeld B, Siscovick D. Socioeconomic status and polycystic ovary syndrome. J Womens Health. 20:413-9, 2011. PMC3115419
10. El Khoudary SR, Wildman RP, **Matthews KA**, Powell L, Hollenberg SM, Edmundowicz D, Sutton-Tyrrell K. Effect modification of obesity on associations between endogenous steroid sex hormones and arterial calcification in women at midlife. Menopause. 18:906-14, 2011. PMC3181045
11. Thurston RC, El Khoudary SR, Sutton-Tyrrell K, Crandall CJ, Gold E, Sternfeld B, Selzer F, **Matthews KA**. Are vasomotor symptoms associated with alterations in hemostatic and inflammatory markers? Findings from the Study of Women’s Health Across the Nation. Menopause. 18(10):1044-51, 2011. PMC3183159

1. Loucks EB, Almeida ND, Taylor SE, **Matthews KA**. Family psychosocial environment and coronary heart disease risk: The CARDIA study. Psychosom Med. 73(7):563-71, 2011. PMID: 21810898

PMC – In Process

1. Campbell IG, Bromberger JT, Buysse DJ, Hall MH, Hardin KA, Kravitz HM, **Matthews KA**, Rasor MO, Utts J, Gold E. Evaluation of the association of menopausal status with delta and beta EEG activity during sleep. Sleep. 34:1561-8, 2011. PMC3198211
2. Hess R, Thurston R, Hays RD, Chang CCH, Dillon SN, Ness RB, Bryce CL, Kapoor WN, **Matthews KA.** The impact of menopause on health-related quality of life: Results from the STRIDE longitudinal study. Qual Life Res. 21: 535-44, 2012. PMC3252474
3. Gallo LC, Fortmann AL, Roesch SC, Barrett-Connor E, Elder JP, Espinosa de los Monteros K, Shivpuri S, Mills PJ, Talavera GA, **Matthews KA**. Socioeconomic status, psychosocial resources and risk, and cardiometabolic risk in Mexican-American women.  Health Psychol*.* 31:334-42, 2012. PMCID 3299900
4. Janssen I, Powell LH, Jasielec MS, **Matthews KA**, Hollenberg SM, Sutton-Tyrrell K, Everson-Rose SA. Progression of coronary artery calcification in black and white women: Do the stresses and rewards of multiple roles matter? Ann Behav Med. 43(1):39-49, 2012. PMID: 21901270 PMC – In process
5. **Matthews KA**, Schwartz JE, Cohen S. Indices of socioeconomic position across the life course as predictors of coronary calcification in black and white men and women: Coronary Artery Risk Development in Young Adults (CARDIA) study. Soc Sci Med. 73:768-74, 2011. PMC3167073
6. Thurston RC, Santoro N, **Matthews KA**. Adiposity and hot flashes in midlife women: A modifying role of age. J Clin Endocrinol Metab. 96:E1588-95, 2011. PMC3200246
7. Pesonen AK, Kajantie E, Heinonen K, Pyhälä R, Lahti J, Jones A, **Matthews KA**, Eriksson JG, Strandberg T, Räikkönen K. Sex-specific associations between sleep problems and hypothalamic-pituitary-adrenocortical axis activity in children. Psychoneuroendocrinology. 37:238-48, 2012. PMCID not required; No NIH support.
8. Low CA, **Matthews KA**, Kuller LH, Edmundowicz D. Psychosocial predictors of coronary artery calcification progression in postmenopausal women. Psychosom Med. 73:789-94, 2011. PMC3211069
9. Xu, H, Thurston, RC, **Matthews, KA**, Bryce, CL, Hays, RD, Kapoor, WN, Ness, RB, Hess, R**.** Are hot flashes associated with sleep disturbance during midlife? Results from the STRIDE cohort study. Maturitas. 71:34-8, 2012. PMC3253872
10. Hall MH, Okun ML, Sowers MF, **Matthews KA**, Kravitz HM, Hardin K, Buysse DJ, Bromberger JT, Owens JF, Karpov I, Sanders MH. Sleep is associated with the metabolic syndrome in a multi-ethnic cohort of midlife women: The SWAN Sleep Study. Sleep. 35(6):783-90, 2012.

1. Mezick EJ, Hall M, **Matthews KA**. Sleep duration and ambulatory blood pressure in black

and white adolescents. Hypertension. 59:747-52, 2012. PMID: 22275538 PMC – In process

1. Kroenke CK, Pletcher MJ, Lin J, Blackburn E, Adler N, **Matthews K**, Epel E.Telomerase, telomere length, and coronary artery calcium in black and white men in the CARDIA study. Atherosclerosis. 220(2):506-12, 2012. PMID: 22178426 PMC – In process
2. Thurston RC, Christie IC, **Matthews KA** Hot flashes and cardiac vagal control during women's daily lives. Menopause. 19(4):406-12, 2012. NIHMS326045
3. Woodard GA, Narla VV, Ye R, Cauley JA, Thompson T, **Matthews KA**, Sutton-Tyrrell K. Racial differences in the association between carotid plaque and aortic and coronary artery calcification among women transitioning through menopause. 19(2):157-63, 2012. PMC3266995
4. Janicki-Deverts D, Cohen S, **Matthews KA**, Jacobs DR Jr, Adler NE. Occupational mobility and carotid artery intima-media thickness: findings from the Coronary Artery Risk Development in Young Adults Study. Psychosom Med. 73:795-802, 2011. PMC3216404
5. Gibson CJ, Thurston RC, Bromberger JT, Kamarck T, **Matthews KA**. Negative affect and vasomotor symptoms in the Study of Women's Health Across the Nation Daily Hormone Study. Menopause. 18:1270-7, 2011. PMC3230697
6. Pesonen AK, Sjöstén NM, **Matthews KA**, Heinonen K, Martikainen S, Kajantie E, Tammelin T, Eriksson JG, Strandberg T, Räikkönen K. Temporal associations between daytime physical activity and sleep in children. PLoS One. 6(8):e22958, 2011. PMC3160292
7. Kroenke CH, Seeman T, **Matthews K**, Adler N, Epel E. Mood patterns based on momentary assessment of positive and negative mood over a day, and coronary artery calcification in the CARDIA study. Psychosom Med. 74(5):526-34, 2012.
8. Tindle H, Belnap BH, Houck PR, Mazumdar S, Scheier MF, **Matthews KA**, He F, Rollman BL. Optimism, response to treatment of depression, and rehospitalization after coronary artery bypass graft surgery. Psychosom Med. 74(2):200-7, 2012.
9. Zheng T, Sowers MF, Buysse DJ, Consens F, Kravitz HM, **Matthews KA,** Owens JF, Gold EB, Hall M. Sources of variability in epidemiological studies of sleep using repeated nights of in-home polysomnography: SWAN Sleep Study. J Clin Sleep Med. 8(1):87-96, 2012.
10. di Scalea TL, **Matthews KA**, Avis NE, Thurston RC, Brown C, Harlow S, Bromberger JT. Role stress, role reward, and mental health in a multiethnic sample of midlife women: Results from the Study of Women's Health Across the Nation. J Womens Health (Larchmt). 21(5):481-9, 2012.
11. Puterman E, Adler N, **Matthews KA**, Epel E. Financial strain and impaired fasting glucose: the moderating role of physical activity in the coronary artery risk development in young adults study. Psychosom Med. 74:187-92, 2012.
12. **Matthews KA,** Dahl RE, Owens JF, Lee L, Hall M. Sleep duration and insulin resistance in healthy black and white adolescents. Sleep. 35(10):1353-8, 2012.
13. Gallo LC, Fortmann AL, de Los Monteros KE, Mills PJ, Barrett-Connor E, Roesch SC, **Matthews KA**. Individual and neighborhood socioeconomic status and inflammation in Mexican-American women: what is the role of obesity? Psychosom Med. 74:535-42, 2012.
14. Joffe H, Chang Y, Dhaliwal S, Hess R, Thurston R, Gold E, **Matthews KA**, Bromberger JT. Lifetime history of depression and anxiety disorders as a predictor of quality of life in midlife women in the absence of current illness episodes. Arch Gen Psychiatry. 69:484-92, 2012.
15. Jiménez JA, Shivpuri S, de Los Monteros KE, **Matthews KA**, Mills PJ, Gallo LC. Associations between socioeconomic status and catecholamine levels vary by acculturation status in Mexican-American women. Ann Behav Med. 44(1):129-35, 2012.
16. Gibson CJ, Joffe H, Bromberger JT, Thurston RC, Lewis TT, Khalil N, **Matthews KA**. Mood symptoms after natural menopause and hysterectomy with and without bilateral oophorectomy among women in midlife. Obstet Gynecol. 119(5):935-41, 2012.
17. Bromberger JT, Schott LL, **Matthews KA**, Kravitz HM, Randolph JF Jr, Harlow S, Crawford S, Green R, Joffe H. Association of past and recent major depression and menstrual characteristics in midlife: Study of Women's Health Across the Nation. Menopause. 19(9):959-66, 2012.
18. Thurston RC, El Khoudary SR, Sutton-Tyrrell K, Crandall CJ, Gold EB, Sternfeld B, Joffe H, Selzer F, **Matthews KA**. Vasomotor symptoms and lipid profiles in women transitioning through menopause. Obstet Gynecol. 119(4):753-61, 2012.
19. Thurston RC, Santoro N, **Matthews KA**. Are vasomotor symptoms associated with sleep characteristics among symptomatic midlife women? Comparisons of self-report and objective measures. Menopause. 19(7):742-8, 2012.
20. Stewart JC, Zielke DJ, Hawkins MAW, Williams DR, Carnethon MR, Knox SS, **Matthews KA**.Depressive symptom clusters and 5-year incidence of coronary artery calcification: The CARDIA Study. Circulation. 126:410-7, 2012.
21. Langner CA, Epel ES, **Matthews KA**, Moskowitz JT, Adler NE. Social hierarchy and depression: The role of emotion suppression. J Psychol. 146:417-36, 2012.
22. Thurston RC, El Khoudary SR, Sutton-Tyrrell K, Crandall CJ, Sternfeld B, Joffe H, Selzer F, Gold E, **Matthews KA**. Vasomotor symptoms and insulin resistance in the Study of Women’s Health Across the Nation. J Clin Endocrinol Metab. 97(10):3487-94, 2012.
23. Cyranowski JM, Schott LL, Kravitz HM, Brown C, Thurston RC, Joffe H, **Matthews KA**, Bromberger JT. Psychosocial features associated with lifetime comorbidity of major depression and anxiety disorders among a community sample of mid-life women: The SWAN Mental Health Study. Depress Anxiety. 29(12):1050-7, 2012.
24. El Khoudary SR, Wildman RP, **Matthews KA**, Thurston RC, Bromberger JT, Sutton-Tyrrell K. Sex hormones impact the progression of subclinical atherosclerosis in women during the menopausal transition. Atherosclerosis. 225(1):180-6, 2012.
25. Fortmann AL, Gallo LC, Roesch SC, Mills PJ, Barrett-Connor E, Talavera GA, Elder JP, **Matthews KA**. Socioeconomic status, nocturnal blood pressure dipping, and psychosocial factors: A cross-sectional investigation in Mexican-American women. Ann Behav Med. 44(3):389-98, 2012.
26. Tamayo T, Jacobs DR Jr, Strassburger K, Giani G, Seeman TE, **Matthews K**, Roseman JM, Rathmann W. Race- and sex-specific associations of parental education with insulin resistance in middle-aged participants: the CARDIA study. Eur J Epidemiol. 27(5):349-55, 2012.
27. Luyster FS, Kip KE, Drumheller OJ, Rice TB, Edmundowicz D, **Matthews K**, Reis SE, Strollo PJ Jr. Sleep apnea is related to the atherogenic phenotype, lipoprotein subclass B. J Clin Sleep Med. 8:155-61, 2012.
28. Janicki-Deverts D, Cohen S, **Matthews KA**, Jacobs DR Jr. Sex differences in the association of childhood socioeconomic status with adult blood pressure change: The CARDIA Study. Psychosom Med. 74:728-35, 2012.
29. Appelhans B **Matthews KA**, Kravitz HM, Janssen I, Cursio J, Gold E, Hall M, Burns J. Sleep duration and weight change in midlife women: The SWAN Sleep Study. Obesity (Silver Spring). 21(1):77-84, 2013.
30. El Khoudary SR, Wildman RP, Thurston RC, Bromberger JT, **Matthews KA**, Sutton-Tyrrell K. Progression rates of carotid intima-media thickness and adventitial diameter during the menopausal transition. Menopause. 20(1):8-14, 2013.
31. Sands MR, Lauderdale DS, Liu K, Knutson KL, **Matthews KA**, Eaton CB, Linkletter CD, Loucks EB. Short sleep duration is associated with carotid intima-media thickness among men in theCoronary Artery Risk Development in Young Adults (CARDIA) Study. Stroke. 43(11):2858-64, 2012.
32. Gallo LC, Shivpuri S, Gonzalez P, Fortmann AL, de Los Monteros KE, Roesch SC, Talavera GA, **Matthews KA**. Socioeconomic status and stress in Mexican-American women: a multi-method perspective. J Behav Med. 36(4):379-88, 2013.
33. Deverts DJ, Cohen S, Kalra P, **Matthews KA**. The prospective association of socioeconomic status with C-reactive protein levels in the CARDIA study. Brain Behav Immun. 26:1128-35, 2012.
34. Midei AJ, **Matthews KA**, Chang YF, Bromberger JT. Childhood physical abuse is associated with incident metabolic syndrome in mid-life women. Health Psychol. 32(2):121-7, 2013.
35. Thomas S, Ness RB, Thurston RC, **Matthews KA**, Chang CC, Hess R. Racial differences in perception of healthy body weight in mid-life women: Results from Do Stage Transitions Result in Detectable Effects (STRIDE) Study. Menopause. 20(3):269-73, 2013.
36. Gibson CJ, Thurston RC, El Khoudary SR. Sutton-Tyrrell K, **Matthews KA**. Changes in body mass index following natural menopause and hysterectomy with and without bilateral oophorectomy. Int J Obesity. 37(6):809-13, 2013.
37. Gabriel KP, **Matthews KA**, Pérez A, Edmundowicz D, Kohl HW 3rd, Hawkins MS, Janak JC, Kriska AM, Kuller LH. Self-reported and accelerometer-derived physical activity levels and coronary artery calcification progression in older women: results from the Healthy Women Study. Menopause. 20(2):152-61, 2013.
38. Lewis TT, Troxel WM, Kravitz HM, Bromberger JT, **Matthews KA**, Hall MH. Chronic exposure to everyday discrimination and sleep in a multiethnic sample of middle-aged women. Health Psychol. 32(7):810-9, 2013.
39. Dietz LJ, Stoyak S, Melhem N, Porta G, **Matthews KA**, Walker Payne M, Brent DA. Cortisol response to social stress in parentally bereaved youth. Biol Psychiatry. 73(4):379-87, 2013.
40. Pellowski JA, Kalichman SC, **Matthews KA**, Adler N. A pandemic of the poor: Social disadvantage and the U.S. HIV epidemic. Am Psychol. 68(4):197-209, 2013.
41. Bromberger JT, Kravitz HM, Chang Y, Randolph JF Jr, Avis NE, Gold EB, **Matthews KA**. Does risk for anxiety increase during the menopausal transition? Study of Women's Health Across the Nation. Menopause. 20(5):488-95, 2013.
42. **Matthews KA**, Everson-Rose SA, Kravitz HM, Lee L, Janssen I, Sutton-Tyrrell K. Do reports of sleep disturbance relate to coronary and aortic calcification in healthy middle-aged women?: Study of Women's Health Across the Nation. Sleep Med. 14(3):282-7, 2013.
43. Low CA, **Matthews KA**, Hall M. Elevated CRP in adolescents: Roles of stress and coping. Psychosom Med. 75(5):449-52, 2013.
44. **Matthews KA**, Gibson CJ, El Khoudary SR, Thurston RC. Changes in cardiovascular risk factors by hysterectomy status with and without oophorectomy: Study of Women's Health Across the Nation. J Am Coll Cardiol. 62(3):191-200, 2013.
45. Gold EB, Crawford SL, Avis NE, Crandall CJ, **Matthews KA**, Waetjen LE, Lee JS, Thurston R, Vuga M, Harlow SD. Factors related to age at natural menopause: Longitudinal analyses from SWAN. Am J Epidemiol. 178(1):70-83, 2013.
46. Low CA, **Matthews KA**, Hall M. Elevated C-reactive protein in adolescents: roles of stress and coping. Psychosom Med. 75(5):449-52, 2013.
47. Bambs CE, Kip KE, Mulukutla SR, Aiyer AN, Johnson C, McDowell LA, **Matthews K**, Reis SE. Sociodemographic, clinical, and psychological factors associated with attrition in a prospective study of cardiovascular prevention: the Heart Strategies Concentrating on Risk Evaluation study. Ann Epidemiol. 23(6):328-33, 2013.
48. Joseph NT, **Matthews KA**, Meyers HF. Conceptualizing health consequences of Hurricane Katrina from the perspective of socioeconomic status decline. Health Psychol. 2013 Mar 25. [Epub ahead of print]
49. Burford TI, Low CA, **Matthews KA**. Night/day ratios of ambulatory blood pressure among healthy adolescents: Roles of race, socioeconomic status, and psychosocial factors. Ann Behav Med. 46(2):217-26, 2013.
50. Lambiase MJ, Pettee Gabriel K, Kuller LH, **Matthews KA**. Temporal relationships between physical activity and sleep in older women. Med Sci Sports Exerc. 2013 Jun 3. [Epub ahead of print]
51. Thurston RC, Chang Y, Mancuso P, **Matthews KA**. Adipokines, adiposity, and vasomotor symptoms during the menopause transition: findings from the Study of Women's Health Across the Nation. Fert Steril. 100(3):793-800, 2013.
52. Fu PB, **Matthews KA**, Thurston RC. How well do different measurement modalities estimate the number of vasomotor symptoms? Findings from the Study of Women's Health Across the Nation FLASHES Study. Menopause. 2013 Jul 22. [Epub ahead of print]
53. Husdon DL, Puterman E, Bibbins-Domingo K, **Matthews KA**, Adler NE. Race, cumulative socioeconomic position, racial discrimination, depressive symptoms and self-rated health. Soc Sci Med. 2013 Aug 10. [Epub ahead of print]
54. El Khoudary SR, Shields KJ, Hsiang-Yu Chen HY, **Matthews KA**. Menopause, complement, and hemostatic markers in women at midlife: The Study of Women’s Health Across the Nation. Atherosclerosis. In press.
55. Mezick EJ, Kamarck TW, Hall M, Jennings JR, **Matthews KA**. Sleep duration and cardiovascular responses to stress in undergraduate men. Psychophysiology. 2013 Sep 9. [Epub ahead of print]
56. **Matthews KA**, Chang YF, Thurston RC, Bromberger JT. Child abuse is related to inflammation in mid-life women: role of obesity. Brain Behav Immun. 2013 Sep 25. [Epub ahead of print]
57. Carroll JE, Gruenewald TL, Taylor SE, Janicki-Deverts D, Matthews KA, Seeman TE. Childhood abuse, parental warmth, and adult multisystem biological risk in the Coronary Artery Risk Development in Young Adults study. Proc Natl Acad Sci U S A. 2013 Sep 23. [Epub ahead of print]
58. Hall MH, Middleton K, Thayer JF, Lewis TT, Kline CE, **Matthews KA**, Kravitz HM, Krafty RT, Buysse DJ. Racial differences in heart rate variability during sleep in women: The Study of Women Across the Nation Sleep Study. Psychosom Med. 2013 Sep 27. [Epub ahead of print]

**Reviews, Invited Published Papers, Proceedings of Conferences and Symposia, Monographs, Books and Book Chapters**

* 1. **Matthews KA**. Assessment and developmental antecedents of the coronary-prone behavior pattern in children. In: Dembroski TM, Weiss SM, Shields JL, Haynes SG, Feinleib M, editors. Coronary-prone behavior. New York: Springer-Verlag; 1978. p. 207-17.
  2. Cohen JB, **Matthews KA**, Waldron I. Section summary: Coronary-prone behavior: developmental and cultural considerations. In: Dembroski TM, Weiss SM, Shields JL, Haynes SG, Feinleib M, editors. Coronary-prone behavior. New York: Springer-Verlag; 1978. p. 183-90.
  3. **Matthews KA**. "At a relatively early age...the habit of working the machine to its maximum capacity": Antecedents of the Type A coronary-prone behavior pattern. In: Brehm SS, Kassin SM, Gibbons FX, editors. Developmental social psychology. New York: Oxford University Press; 1981. p. 215-31.
  4. **Matthews KA**, Glass DC. Type A behavior, stressful life events, and coronary heart disease. In: Dohrenwend BP, Dohrenwend BS, editors. Stressful life events and their contexts. New York: Prodist; 1981. p. 167-85.
  5. **Matthews KA**, Siegel JM. The Type A behavior pattern in children and adolescents: Assessment, development, and associated coronary risk. In: Baum A, Singer J, editors. Handbook of psychology and health. Vol. 2. Hillsdale (NJ): Lawrence Erlbaum Associates; 1982. p. 99-116.
  6. **Matthews KA**, Carver CS, Scheier MF. Focus of attention and awareness of bodily sensations. In: Underwood G, editor. Aspects of consciousness. Vol. 3. London: Academic Press; 1982. p. 166-97.
  7. Scheier MF, Carver CS, **Matthews KA**. Attentional factors in the perception of bodily stress. In: Cacioppo J, Petty R, editors. Social psychophysiology. New York: Guilford Press; 1983. p. 179-92.
  8. **Matthews** **KA**. Assessment issues in coronary-prone behavior. In: Dembroski T, Schmidt T, Blumchen G, editors. Biobehavioral bases of coronary heart disease. Basel (Switzerland): Karger; 1983. p. 62-78.
  9. Siegel JM, **Matthews KA**. Type A behavior, achievement striving, and their childhood origins. In: Kratochwill TR, editor. Advances in school psychology. Vol. 3. Hillsdale (NJ): Lawrence Erlbaum Associates; 1983. p. 329-49.
  10. Weiss SM, Krantz DS, **Matthews KA**. Coronary-prone behavior. In: Rowlands D, editor. Recent advances in cardiology. Vol. 9. London: Livingston; 1984, p. 96-110.
  11. Weiss SM, **Matthews KA**, Detre T, Graeff JA, editors. Stress, reactivity, and cardiovascular disease: proceedings of the working conference. 1984 April 7-10. Bethesda (MD): National Institutes of Health; 1984. 412 p. (NIH Publication No. 84-2698).
  12. **Matthews KA**, Weiss SM, Detre T. Status of and prospects for stress, reactivity, and cardiovascular disease: themes from the NHLBI-University of Pittsburgh Working Conference. Behav Med Updates. 6:7-9, 1984.
  13. **Matthews KA**. Assessment of Type A, anger, and hostility in epidemiological studies of cardiovascular disease. In: Ostfeld A, Eaker E, editors. Proceedings of the NHLBI workshop on measuring psychosocial variables in epidemiologic studies of cardiovascular disease. 1983 Dec 11-14. Bethesda (MD): National Institutes of Health; 1985. p. 153-84. (NIH Publication No. 85-2270).
  14. **Matthews KA**, Jamison W, Cottington EM. Assessment of Type A, anger, and hostility: A review of measures through 1982. In: Ostfeld A, Eaker E, editors. Proceedings of the NHLBI workshop on measuring psychosocial variables in epidemiologic studies of cardiovascular disease. 1983 Dec 11-14. Bethesda (MD): National Institutes of Health; 1985. p. 207-312. (NIH Publication No. 85-2270).
  15. **Matthews KA**, Weiss SM, Detre T, Dembroski TM, Falkner B, Manuck SB, Williams RB, editors. Handbook of stress, reactivity, and cardiovascular disease. New York: Wiley; 1986. 527 p.
  16. **Matthews KA**, Rakaczky CJ. Familial aspects of the Type A behavior pattern and physiologic reactivity to stress. In: Dembroski T, Schmidt T, Blumchen G, editors. Biological and psychological factors in cardiovascular disease. Berlin (Germany): Springer-Verlag; 1986. p. 228-45.
  17. Saab PG, **Matthews KA**. Type A behavior: emergence, development, and implications for children. In: Wolraich ML, Routh D, editors. Advances in developmental and behavioral pediatrics. Greenwich (CT): JAI Press; 1986. p. 126-140.
  18. **Matthews KA**, Siegel JM. Training health psychologists in schools of public health. In: Stone GC, Weiss SM, Matarazzo JD, Miller NE, Rodin J, Belar CD, Follick MJ, Singer JE, editors. Health psychology: a discipline and a profession. Chicago: University of Chicago Press; 1987. p. 481-91.
  19. Detre KM, Feinleib M, **Matthews KA**, Kerr BW. The Federal Women's Study. In: Eaker ED, Packard B, Wenger NK, Clarkson TB, Tyroler HA, editors. Coronary heart disease in women. New York: Haymarket Doyma; 1987. p. 78-82.
  20. Melamed BG, **Matthews KA**, Routh DK, Stabler B, Schneiderman N, editors. Child health psychology. Hillsdale (NJ): Lawrence Erlbaum Associates; 1988. 360 p.
  21. **Matthews KA**. Personality and emotional behavior: an overview. In: Melamed BG, **Matthews KA**, Routh DK, Stabler B, Schneiderman N, editors. Child health psychology. Hillsdale (NJ): Lawrence Erlbaum Associates; 1988. p. 75-82.
  22. **Matthews KA**, Woodall KL. Childhood origins of overt Type A behaviors and cardiovascular reactivity to behavioral stressors. Ann Behav Med. 10:71-7, 1988.
  23. Haynes SG, **Matthews KA**. Review and methodologic critique of recent studies of Type A behavior and cardiovascular disease. Ann Behav Med 10:47-59, 1988.
  24. **Matthews KA**. Deborah, a woman with cancer. Contemporary Psychol. 33:497, 1988.
  25. McCann BS, **Matthews KA**. Antecedents of the coronary-prone behavior pattern. In: Field T, McCabe P, Schneiderman N, editors. Stress and coping. Vol. 2. Hillsdale (NJ): Lawrence Erlbaum Associates, 1988. p. 71-88.
  26. Haynes SG, **Matthews KA**. The association of Type A behavior with cardiovascular disease - update and critical review. In: Houston BK, Snyder CR, editors. Type A behavior pattern: research, theory, and intervention. New York: Wiley; 1988. p. 51-82.
  27. Carver CS, **Matthews KA**. Section introduction: psychometric assessment. In: Schneiderman N, Weiss SM, Kaufmann PG, editors. Handbook of research methods in cardiovascular behavioral medicine. New York: Plenum; 1989. p. 483-4.
  28. Carver CS, **Matthews KA**. An overview of issues in psychometric assessment. In: Schneiderman N, Weiss SM, Kaufmann PG, editors. Handbook of research methods in cardiovascular behavioral medicine. New York: Plenum; 1989. p. 485-94.
  29. Drotar D, Johnson SB, Iannotti R, Krasnegor N, **Matthews KA**, Melamed BG, Millstein S, Peterson RA, Popiel D, Routh DK. Child health psychology. Health Psychol. 8:781-4, 1989.
  30. **Matthews KA**. Are sociodemographic variables markers for psychological determinants of health? Health Psychol. 8:641-8, 1989.
  31. **Matthews KA**, Bromberger J, Egeland G. Behavioral antecedents and consequences of the menopause. In: Korenman SG, editor. The menopause. Norwell (MA): Serono Symposia USA; 1990. p. 1-15.
  32. Kuller LH, Meilahn EN, Gutai J, Cauley J, Wing RR, **Matthews KA**, Eichner JE, Egeland G. Lipoproteins, estrogens, and the menopause. In: Korenman SG, editor. The menopause. Norwell (MA): Serono Symposia USA; 1990. p. 43-57.
  33. **Matthews KA**. Myths and realities of the menopause. Psychosom Med. 54:1-9, 1992.
  34. Meilahn EN, Kuller LH, **Matthews KA**, Kiss JE. Variation in plasma fibrinogen levels by menopausal status and use of hormone replacement therapy (The Healthy Women Study). In: Ernst E, Koenig W, Lowe GDO, Meade TW, editors. Fibrinogen: a "new" cardiovascular risk factor. Austria: Blackwell-MZV; 1992. p. 107-121.
  35. **Matthews KA**. Understanding a psychological risk factor for coronary disease [Citation Classic]. Curr Contents: Soc Behav Sci. 24:8, 1992; and Curr Contents: Arts Humanities. 14:20, 1992.
  36. Porges SW, **Matthews KA**, Pauls DL. The biobehavioral interface in behavioral pediatrics. Pediatrics. 80 Suppl:789-97, 1992.
  37. Blumenthal S, **Matthews KA**. Highlights of psychosocial aspects of cardiovascular disease in women. In: Proceedings of an NHLBI Conference. Cardiovascular Health and Disease in Women. Greenwich (CT): LeJacq Communications, Inc.; 1993. p. 56-65.
  38. Blumenthal SJ, **Matthews KA**. Psychosocial aspects of cardiovascular disease in women: Introduction and overview. Ann Behav Med. 15:109-11, 1993.
  39. Adler N, **Matthews KA**. Health psychology: Why do some people get sick and some stay well? Ann Rev Psychol. 45:229-59, 1994.
  40. **Matthews KA**, Kuller LH, Wing RR, Meilahn EN. Biobehavioral aspects of menopause: Lessons from the Healthy Women Study. Exp Gerontol. 29:337-42, 1994.
  41. Kuller LH, Meilahn EN, Cauley JA, Gutai JP, **Matthews KA**. Epidemiologic studies of menopause: Changes in risk factors and disease. Exp Gerontol. 29:495-509, 1994.
  42. **Matthews KA**. Reproductive hormones, stress and cardiovascular reactivity in women. In: Czajkowski SM, Hill DR, Clarkson TB, editors. Women, behavior, and cardiovascular disease. Proceedings of a conference sponsored by the National Heart, Lung, and Blood Institute. Bethesda (MD): National Institutes of Health; 1994. p. 145-152. (NIH Publication No. 94-3309)
  43. **Matthews KA**, Kuller LH, Wing RR, Meilahn EN, Bromberger JT. Menopausal experience of users of hormone replacement therapy. In: Berg G, Hammar M, editors. The modern management of the menopause: A perspective for the 21st century. 7th International Congress on the Menopause; 1993 June 20-24; Stockholm, Sweden. London: Parthenon Publishing; 1994. p. 27-39.

1. **Matthews KA**. Reproductive hormones, stress and cardiovascular reactivity in women. In: Women, behavior and cardiovascular disease. Proceedings of a Conference Sponsored by the National Heart, Lung, and Blood Institute. Bethesda (MD): National Institutes of Health; 1994. 388 p. (NIH Publication No. 94-3309)
2. Blumenthal SJ, **Matthews KA**, Weiss SM, editors. New research frontiers in behavioral medicine: proceedings of the national conference. Washington, DC: U.S. Government Printing Office; 1994. 260 p. (NIH Publication No. 94-3772)
3. **Matthews KA**. Conference promises. In: Blumenthal SJ, **Matthews KA**, Weiss SM, editors. New research frontiers in behavioral medicine: proceedings of the national conference. Washington, DC: U.S. Government Printing Office; 1994. p. 17-9. (NIH Publication 94-3772)
4. Meilahn EN, Kuller LH, Wing RR, **Matthews KA**, Nowalk MP. Menopausal changes in lipids and weight -- relationship to diet. In: Progress in obesity research 1994. London: Libbey Publishers; 1996. p. 419-22.
5. Kuller LH, Meilahn EN, Lassila H, **Matthews KA**, Wing R. Cardiovascular risk factors during first five years postmenopause in nonhormone replacement therapy users. In: Forte TM, editor. Hormonal, metabolic, and cellular influences on cardiovascular disease in women. Armonk (NY): Futura Publishing Company; 1997. p. 273-87.
6. **Matthews KA**, Cauley J. Menopause and mid-life changes. In: Hazzard WR, Blass JP, Ettinger WH Jr, Halter JB, Ouslander JG, editors. Principles of geriatric medicine and gerontology. 4th ed. New York: McGraw-Hill, Inc.; 1999. p. 179-89.
7. Gallo LC, **Matthews KA**. Do negative emotions mediate the association between socioeconomic status and health? Ann NY Acad Sci 896:226-45, 1999.
8. Chen E, **Matthews KA**. Socioeconomic differences in social information processing and cardiovascular reactivity. Ann NY Acad Sci 896:417-9, 1999.
9. **Matthews KA**. A behavioral medicine perspective on aging and health. In: Qualls SH, Abeles N, editors. Psychology and the aging revolution. Washington, DC: American Psychological Association; 2000. p. 197-205.
10. **Matthews KA**, Kuller LH, Sutton-Tyrrell K. Changes in cardiovascular risk factors during the peri- and post-menopausal years. In: Bellino F, editor. Biology of menopause. Norwell (MA): Serono Symposia USA, Inc.; 2000. p. 147-58.
11. **Matthews KA**, Wing RR, Kuller LH, Meilahn EN, Owens JF. Menopause as a turning point in midlife. In: Manuck SB, Baum A, editors. Behavior, health, and aging. Mahwah (NJ): Lawrence Erlbaum Associates; 2000. p. 43-57.
12. Sowers MF, Crawford S, Sternfeld B, Morganstein D, Gold E, Greendale G, Evans D, Neer R, **Matthews KA**, Sherman S, Lo A, Weiss G, Kelsey J. SWAN: A multi-center, multi-ethnic, community-based cohort study of women and the menopausal transition. In: Lobo R, Marcus R, Kelsey J, editors. Menopause. New York: Academic Press; 2000. p. 175-88.
13. **Matthews KA**, Kuller LH, Sutton-Tyrrell K, Edmundowicz D. Lipid changes during the peri- and postmenopause and subclinical cardiovascular disease. In: Aso T, editor. The menopause at the millenium. 9th International Menopause Society World Congress on the Menopause. 1999 Oct 17-21; Yokohama, Japan. Lancastershire (UK): Parthenon Publishing; 2000. p. 52-68.
14. Mosca L, Arnett DK, Dracup K, Hansen BC, Labarthe DR, Marks JS, **Matthews KA**, Pearson TA, Weintraub W, Wilson W. Task force on strategic research direction population/outcomes/ epidemiology/social science subgroup key science topics report. Circulation. 106:e167-172, 2002.
15. **Matthews KA**, Cauley JA. Menopause and mid-life health changes. In: Hazzard WR, Blass JP, Ettinger WH Jr, Halter JB, Ouslander JG, editors. Principles of geriatric medicine and gerontology, 5th ed. New York: McGraw-Hill, Inc.; 2003. p. 1283-94.
16. Olson M, Kelsey S, Shaw L, Mankad S, Cornell C, **Matthews KA**, McGorray S, Bairey Merz CN. Hormone replacement therapy, ethnicity, and psychological health in women: results from the NHLBI-sponsored WISE study. Eur Heart J. 4:259, 2003. (Abstract)
17. Gianaros PJ, Salomon K, Zhou F, Edmundowicz D, Kuller LH, **Matthews KA**. Stress-induced suppression of high-frequency heart rate variability predicts coronary and aortic calcification in healthy postmenopausal women. Psychophysiology. 41:S98, 2004. (Abstract)
18. **Matthews KA**. Psychological perspectives on the development of coronary heart disease. Am Psychol. 60:783-96, 2005.
19. **Matthews KA**, Hall M, Kamarck T, Owens J, Buysse D., Strollo P. Blood pressure dipping status and sleep quality. Psychosom Med. 68:A-12, 2006. (Abstract #1246)
20. Owens JF, **Matthews KA**, Hall M, Buysse D, Kamarck TW, Reis S. Are self-reported measures of sleep quantity and quality good markers of sleep as measured by polysomnography? Psychosom Med. 68:A-105, 2006. (Abstract #1556)
21. **Matthews KA**, Gold EB, Hall M, Kravitz HM, Sowers M, Bromberger JT, Buysse DJ, Owens JF. Associations of race and socioeconomic status with sleep quality and duration: results from the SWAN Sleep Study. Sleep. 20:A109, 2006. (Abstract)
22. Hall M, Sowers MF, Gold E, **Matthews KA**, Kravitz HM. Stress and depressive symptomatology are correlates of disturbed sleep in mid-life women: results from the SWAN Sleep Study. Sleep. 20:A113, 2006. (Abstract)
23. Hall M, Sowers M, Owens J, **Matthews K**, Kravitz H, Gold E, Feinberg I, Bromberger J, Buysse D, Sanders M. Sleep and the metabolic syndrome in mid-life women. Sleep. 30:A116, 2007. (Abstract)
24. Mezick EJ, **Matthews KA**, Hall M, Kamarck TW, Owens JF, Buysse DJ, Strollo PJ, Reis SE. Positive and negative psychological attributes are associated with blood pressure dipping. Psychosom Med. 70(3):A20, 2008. (Abstract)
25. **Matthews KA**, Mezick EJ, Hall M, Kamarck TW, Owens JF, Buysse DJ, Strollo PJ, Reis SE. Sleep as a potential pathway connecting socioeconomic status and cardiovascular diseases. Psychosom Med. 70(3): A11, 2008. (Abstract)
26. Owens JF, **Matthews KA**, Hall M, Kamarck TW, Mezick EJ, Buysse DJ, Strollo PJ, Reis SE. Daytime napping, stress, sleep, and obesity: The Sleep SCORE Study. Psychosom Med. 70(3):A77, 2008. (Abstract)
27. Buysse DJ, Hall M, Strollo PJ, Owens JF, Lee L, Reis S, **Matthews K**. Are the Pittsburgh Sleep Quality Index (PSQI) and the Epworth Sleepiness Scale (ESS) related? Findings from a community sample. Sleep. 31:A331, 2008. (Abstract)
28. Hall M, **Matthews K**, Mulukutula S, Buysse D, Strollo P, Kamarck T, Owens J, Reis S. Heart Rate variability during sleep: the Sleep SCORE Study. Sleep. 31:A102, 2008. (Abstract)
29. Troxel WM, Buysse DJ, Hall M, Kamarck T, Strollo PJ, Owens JF, Reis SE, **Matthews KA**: Social isolation, blood pressure dipping, and nocturnal pathways in African American and Caucasian men and women. Psychosom Med. 71:A Abstract, 2009.
30. Bromberger JT, Chang Y, Buysse DJ, **Matthews KA**, Owens JF, Hall M, Sanders M, Kravitz H, Sowers MF, Hardin K: Past depression and current sleep problems in midlife women. Psychosom Med. 71:A Abstract, 2009.
31. Mezick EJ, **Matthews KA**, Hall M, Kamarck TW, Owens JF, Buysse DJ, Strollo PJ: Within person variability in actigraphy measures of sleep across nine nights is associated with stressful life events and poor subjective sleep quality. Psychosom Med. 71:A Abstract, 2009.
32. Cohen S, Janicki-Deverts D, Chen E, **Matthews KA**: Childhood socioeconomic status and adult health. Ann NY Acad Sci 1186:37-55, 2010. DOI: 10.1111/j.1749-6632.2009.05334.x
33. **Matthews KA**, Gallo LC, Taylor SE: Are psychosocial factors mediators of socioeconomic status and health connections:? A progress report and blueprint for the future. Ann NY Acad Sci 1186:146-173, 2010. DOI: 10.1111/j.1749-6632.2009.05332.x
34. Mezick EJ, Hall M, **Matthews KA**. Are sleep and depression independent or overlapping risk factors for cardiometabolic disease? Sleep Med Rev. 15:51-63, 2011. PMCID: PMC2928398
35. Gump BB, **Matthews KA**. Stress and the development of atherosclerotic cardiovascular disease. In: S Waldstein, W Kop, L Katzel, editors. Cardiovascular Behavioral Medicine. New York: Springer; 2011.
36. **Matthews KA**, Gallo LC. Psychological perspectives on pathways linking socioeconomic status and physical health. Annu Rev Psychol. 62:501-30, 2011. PMID: 20636127
37. **Matthews KA**. Matters of the heart: Advancing psychological perspectives on cardiovascular diseases. Perspect Psychol Sci. In press.

**Other publications**

1. Owens JF, **Matthews KA**, Stoney CM, Berga SL. Menopause and blood pressure [letter]. Circulation. 89:2947, 1994.

2. **Matthews KA**, Kuller LH, Wing RR, Meilahn EN, Plantinga P. Health prior to hormone use: Matthews et al. reply to Grodstein [letter]. Am J Epidemiol. 143:983-84, 1996.

3. **Matthews KA**, Kuller LH, Wing RR, Meilahn EN, Plantinga P. Health prior to hormone use: Matthews et al. reply to Willett [letter]. Am J Epidemiol. 145:283-84, 1997.

1. **Matthews KA**, Cauley J, Yaffe K, Zmuda JM. Reply to Letter to Editor from Cunningham, O’Neill, and Rowan: Estrogen replacement therapy and cognitive decline in elderly community women [letter]. J Am Geriatr Soc. 47:518-23, 1999.

5. **Matthews KA**. Commentary: Is an educated wife hazardous to her husband's heart?: never, always, or sometimes? Int J Epidemiol. 31:806-7, 2002.

6. Yan LL, Liu K, **Matthews KA**, Daviglus ML, Ferguson TF, Kiefe CI. Psychosocial factors and risk for hypertension: the Coronary Artery Risk Development in Young Adults (CARDIA) study [Comment]. JAMA. 290:2190-2, 2003.

7. Yan LL, Liu K, Daviglus ML, **Matthews KA**, Kiefe CI. Hostility and impatience as risk factors for hypertension – reply [letter]. JAMA. 291:692, 2004.

8. Everson-Rose SA, **Matthews KA**, Torrens JI, Bromberger JT, Kravitz HM, Meyer PM. Depressive symptoms, insulin resistance, and risk of diabetes in women at midlife: response to Pouwer and de Jonge [letter]. Diabetes Care. 28:1266, 2005.

9. Chen E, Martin AD, **Matthews KA**. Issues in exploring variation in childhood socioeconomic gradients by age: a response to Case, Paxson, and Vogl [letter]. Soc Sci Med. 64:762-4, 2007.

10. Thurston RC, **Matthews KA**. The importance of considering both racial and socioeconomic disparities: A response to Collins and Alpert. [letter]. Soc Sci Med. 69:1582-3, 2009. PMCID: PMC2907745

**PROFESSIONAL ACTIVITIES**

**TEACHING:**

At Kansas State University, Department of Psychology, Manhattan, KS:

1976-1978: Personality and Social Development

Abnormal Psychology

Psychology of Women

Psychological Stress

At University of Pittsburgh, Pittsburgh, PA:

Course Title: Psychology 2505, Health Psychology Program Research Seminar

Description: Organized seminar series on academic survival skills and research ethics

Year: 2005-2008

No. of Times: 2

To Whom: Graduate students in psychology

No. of Students: 20

Where: Faculty of Arts & Sciences, Department of Psychology

Course Title: Psychology 2502, Health Fundamentals: Foundations of Biological and Health Psychology

Description: Seminar based on the major conceptual and methodological tools that underlie contemporary research in health psychology

Year: 2005 - 2007

No. of Times: 2

To Whom: Graduate students in psychology

No. of Students: 8-10

Where: Faculty of Arts & Sciences, Department of Psychology

Course Title: Epidemiology 2400, Behavioral Factors in Disease

Description: Lectures on basic principles of assessment of psychosocial variables and on current status of research on psychosocial factors in chronic diseases

Year: 1980 - 2004

No. of Times: 15

To Whom: Graduate students in public health and psychology, medical residents

No. of Students: 15 - 30

Where: Graduate School of Public Health, Department of Epidemiology

Course Title: Psychology 3215, Advanced Behavioral Medicine Seminar

Description: Organization of seminar series on recent findings in behavioral medicine, including treatment and basic science research

Year: 1983 - 1990

No. of Times: 3 times per year

To Whom: Graduate and postgraduate trainees who are graduate students in psychology and public health and physicians

No. of Students: 10 - 20

Where: Western Psychiatric Institute and Clinic

Course Title: Behavioral Medicine Course in Patient/Doctor Relationship Block

Description: Course coordinator for problem-based learning series on concepts and skills of modern behavioral sciences and the determinants and consequences of health behaviors.

Year: 1992 - 1993

No. of Times: 2

To Whom: First year medical students

No. of Students: 144

Where: School of Medicine, Department of Psychiatry

Guest lectures in Epidemiology 2400 (Behavioral Factors in Disease); Epidemiology 2170 (Cardiovascular Epidemiology), Epidemiology 2250 (Epidemiology Seminar Series), Psychiatry I, Psychobiology 3rd year elective for medical students, Multidisciplinary Sleep Conference

Psychiatry Resident Seminar Series on the theme of Mind-Body Science, Summer 2009: Organized presentations and gave introductory lecture to the series

|  |  |  |  |
| --- | --- | --- | --- |
| **Supervision of the following** *(listed chronologically)***:** | | |  |
| M.S./M.P.H. Students | Doctoral Students | Postdoctoral Fellows | |
| Gerdi Weidner | Kathy Ferguson | Judith M. Siegel | Jennifer J. McGrath |
| Bradford Brunson | Eric M. Cottington | Nancy E. Avis | Patricia K. Agatisa |
| Joseph Carra | Michael Peterson | Michael T. Allen | Sarah D. Pressman |
| Karen L. Woodall | Paul Visintainer | Patrice G. Saab | Danielle L. Beatty |
| Tilmer O. Engebretson | Jane F. Owens | R. Craig Lefebvre | Carissa A. Low |
| Mary C. Davis | Joyce T. Bromberger | Barbara S. McCann | Tanisha Burford |
| Laurie Trad | Tilmer O. Engebretson | Catherine M. Stoney | Maya Lambiase |
| Brooks B. Gump | Karen L. Woodall | Jerome H. Markovitz | Nataria Joseph |
| Sonya S. Brady | Mary C. Davis | Susan A. Everson |  |
| Kelly F. Harris | Jason B. Lassner | Janine D. Flory |  |
| Wendy M. Troxel | Annette Rexroad | Stephen M. Patterson |  |
| Edie M. Goldbacher | Melissa Hagan | Brooks B. Gump |  |
| Jennifer J. McGrath | Sonya S. Brady | Max Guyll |  |
| Elizabeth J. Mezick | Wendy M. Troxel | Heidi Fritz |  |
| Aimee J. Midei | Edie M. Goldbacher | Linda C. Gallo |  |
| Carolyn J. Gibson | Mehret S. Birru | Edith Chen |  |
| Sanam S. Dhaliwal | Elizabeth J. Mezick | Deborah J. Jones |  |
| Karen P. Jakubowski | Aimee J. Midei | Karen M. Grewen |  |
|  | Carolyn J. Gibson | John M. Ruiz |  |
|  |  |  |  |
| Post-Baccalaureate Students | | Medical Student Research | |
| Shannon Chiles |  | Louis Tripoli |  |
|  |  | Eric Wald |  |
|  |  | Alexandra Clark |  |

|  |  |
| --- | --- |
| **Sponsor or Co-Sponsor of Career Development Awards for the following:** | |
| Jerome H. Markovitz, M.D., M.P.H. | Peter J. Gianaros, Ph.D. |
| Martica H. Hall, Ph.D. | Rebecca C. Thurston, Ph.D., M.S. |
| Rachel Hess, M.D., M.Sc. | Wendy Troxel, Ph.D. |
| Margaret B. Conroy, M.D., M.P.H. | Ciara Ghetti, M.D. |
| Carol Greco, Ph.D. | Beth Prairie, M.D., M.P.H. |
| Kathleen McTighe, M.D., M.P.H. |  |

**RESEARCH:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Current Grant Support:** | | | | |
| *Grant Number* | *Grant Title* | *Role in Project and Percentage of Effort* | *Years*  *Inclusive*  *(TC 1998-present)* | *Source* |
| RO1  HL025767 | Development of Psychobiological Risk Factors in Adolescence  (originally: Antecedents of the Type A Behavior Pattern) | Principal Investigator, 20% | 4/1/80-6/30/13  ($3,308,377) | NIH NHLBI |
| RO1 HL028266 | Epidemiology of Cardiovascular Risk Factors in Women | Co-Principal Investigator, 7.5% | 4/1/83-3/31/13  ($2,014,590; $ thru 07) | NIH NHLBI |
| T32 HL007560 | Cardiovascular Behavioral Medicine Research Training | Program Director, 10% | 7/1/83-6/30/13  ($4,327,687) | NIH NHLBI |
| UO1 AG012546 | Study of Women’s Health Across the Nation (originally: Menopausal Transition in African-American & White Women) | Principal Investigator,  20% | 9/30/94-4/30/14  ($9,583,840) | NIH NIA |
| P50 HL040962 | Biobehavioral Studies of Cardi-ovascular Disease Project 2 | Co-Investigator,  10% | 9/1/07-6/30/12  ($43,085) | NIH NHLBI |
| RO1  HL112646-01 | Security and Vigilance in Military Couples: A Dynamic Model of Sleep, Interpersonal Environment | Co-Investigator, 5% | 8/8/11-7/31/15  (Yr 01 TC: $369,087) | NIH NHLBI |
| RO1  AT007262-01 | Temporally-Oriented Subjective Well-Being Across Transitions?  Resources and Outcomes | Co-Investigator, 3% | 9/1/11-6/30/16  ($175,001) | NIH NCCAM |
| RO1  HL105647-A1 | Mechanisms Linking Hot Flashes to Cardiovascular Risk | Co-Investigator, 10% | 9/1/11-7/31/16  ($3,257,167) | NIH NHLBI |
| R01 HL111802 | Early Life Adversity, Sleep, and Cardiovascular Risk in Black and White Men | Principal Investigator, 20% | 8/15/12-7/31/15 ($2,169,039) | NIH NHLBI |
| **Prior Grant Support:** | | | | |
|  | Origins of the Type A Behavior Pattern | Established Investigator | 7/1/80-6/30/85  (100% salary support) | American Heart Association |
| RO1 HL25005 | Noise and the Epidemiology of High Blood Pressure | Co-Principal Investigator, 5% | 12/1/80-11/30/82 | NIH NHLBI |
|  | Operating Costs and Laboratory Instrumentation for Network on Health-Promoting and Health-Damaging Behavior | Scientist-At-Large | 1/1/83-12/31/88  ($12,000) | MacArthur Foundation |
| RO1 HL31611 | Biobehavioral Factors Affecting Hypertension in Blacks | Investigator,  5% | 9/30/83-9/29/86 | NIH NHLBI |
|  | Genetic, Psychological, and Developmental Underpinnings of Hostility | Principal Investigator,  5% | 1/1/84-12/31/84  ($18,930) | MacArthur Foundation |
|  | Workload and Cardiovascular Risk Among Premenopausal Women | Principal Investigator,  5% | 1/1/86-12/31/86  ($6,000) | MacArthur Foundation |
| RO1/R37 HL38712 | CHD Risk, Behavioral Stress, and Reproductive Hormones  (MERIT a/o 7/1/90) | Principal Investigator,  25% | 7/1/87-6/30/01  ($456,450) | NIH NHLBI |
| RO1 HL40962 | Biobehavioral Studies of Cardiovascular Disease | Project Director,  10% | 3/1/89-2/28/99 | NIH NHLBI |
|  | Hemostatic Reactivity to Psychological Stress in Coronary Heart Disease | Co-Principal Investigator, 0% | 11/1/90-10/31/91 | MacArthur Foundation |
| RO1 HL44413 | Epidemic Hypertension in Nigerian Workers | Co-Investigator,  5% | 1/1/91-12/31/93 | NIH NHLBI |
| RO1 MH48299 | Ovarian Hormones, Stress, and Immunological Responsiveness | Co-Principal Investigator, 5% | 7/1/91-12/31/96  ($367,194) | NIMH |
| RO1 HL44436 | Effects of Personality and Context on Recovery from CABS | Co-Principal Investigator, 10% | 7/1/91-6/30/95 | NIH NHLBI |
| F32 HL008536 | Hemostatic Reactivity in Coronary Heart Disease (NRSA) | Sponsor,  0% | 9/1/91-8/31/92  ($33,000) | NIH NHLBI |
| R01 HL46328 | Effects of Cholesterol Reduction on Behavior | Co-Investigator,  10% | 12/1/91-1/31/98 | NIH NHLBI |
|  | Examination of Differential Sensitivity to Stress During the Pubertal Period | Co-Investigator,  5% | 4/1/92-3/31/94  ($79,570) | MacArthur Foundation |
|  | Reproductive Transitions in Women | Sponsor,  0% | 8/1/92-6/30/94  ($323,081) | MacArthur Foundation |
| NO1-WH-3-2112 | Vanguard Clinical Center for the Women’s Health Initiative | Co-Principal Investigator, 5% | 3/15/93-9/14/05  (5% salary support) | NIH |
| RO1 MH50748 | Pathogenesis of Functional Hypothalamic Amenorrhea | Co-Investigator,  5% | 9/30/94-8/31/02 | NIH NIMH |
|  | Chronic Stress and Aortic Compliance During Stress and Rest in African-American and White Children and Adolescents | Principal Investigator,  0% | 6/19/96-12/19/97 | MacArthur Foundation |
| RO1 HL58867-A1 | Do Hostility and Stress Predict CV Mortality in MRFIT? | Principal Investigator,  5% | 5/1/98-10/31/00  ($179,038) | NIH NHLBI |
| MacArthur #NSS 10SC | Chronic Stress and Response to Acute Stressors | Principal Investigator,  0% | 11/1/98-10/31/00  ($49,039) | MacArthur  Foundation |
| P50 HL065112 | Understanding Shared Psychobiological Pathways | Center Director,  10%;  Project Leader, 5% | 9/30/99-8/31/05  ($8,175,243) | NIH NHLBI |
| Solvay Pharma-ceutical | SES in the Healthy Women Study | Co-Investigator,  0% | 1/1/00-12/31/02  ($4,704) | Solvay  Pharmaceuti-cal |
| MacArthur  #NSS 18SC | SES in the Healthy Women Study | Principal Investigator,  5% | 1/1/00-12/31/02  ($47,889) | MacArthur Foundation |
| R01 HL065591 | Prevalence & Progression of Subclinical Atherosclerosis | Co-Investigator,  5% | 9/18/00-7/31/04  ($259,043) | NIH NHLBI |
| P50 HL065112-05S1 | Understand Shared Psychobiological Pathways: Spirituality Supplement | Principal Investigator,  0% | 9/1/02-8/31/05  ($35,000) | NIH NHLBI |
| MacArthur  #3627sc | Understanding the Influence of SES: Pittsburgh Life Span Development Studies | Principal Investigator, 0% | 12/1/03-11/30/05  ($29,886) | MacArthur Foundation |
| MacArthur #5198sc | Understanding the Influence of Socioeconomic Status: Pathways across the Life Cycle | Principal Investigator, 2% | 1/1/08-12/31/09  ($26,747) | MacArthur Foundation |
| RO1 HL076379 | Stress, Sleep, and Emerging CVD Risk Factors | Principal Investigator, 10% | 8/1/04-6/30/10  ($2,621,895) | NIH NHLBI |
| NCE00001-01 | Determining the Effects of Temperature and Heat Waves on Mortality and Morbidity in California (SWAN Air Pollution Study) | Principal Investigator,  1% | 2/1/10-6/30/10  ($15,000) | California Institute for Energy & Environment, UC-Berkeley |
| T15 HL071085 | PMBC Summer Institutes | Principal Investigator, 0% | 4/1/02-7/31/10  ($256,608) | NIH NHLBI |
| MacArthur #6218sc | Socioeconomic Status, Social Interactions, and Demanding Circumstances | Principal Investigator, 2% | 4/1/10-12/31/10  ($10,609) | MacArthur Foundation |
| RO1 AG19352 | SWAN Sleep Study II: Pittsburgh | Co-Principal Investigator, 5% | 4/15/02-4/30/11  ($1,767,045) | NIH, NIA |
| R24  HL076852 | Pittsburgh Mind-Body Center II | Center Director, 10%;  Co-Investigator, 5% | 9/1/04-6/30/11  ($3,393,802) | NIH NHLBI |
| RO1 HL089850-A1 | Neural Reactivity to Stress & Atherosclerosis | Co-Investigator, 5% | 4/1/08-3/31/12  ($304,590) | NIH NHLBI |
| UO1 AG012553-16S1 | SWAN Coordinating Center | Co-Investigator, 5% | 9/15/10-4/30/12  ($34,489) | NIH NIA |
| RO1 MH059689 | Menopause, Depression, and Aging | Co-Investigator, 5% | 9/15/01-3/31/12  ($1,741,255) NCE | NIMH |

**Seminars and invited lectures related to research: (Representative selection)**

1. Weidner G, **Matthews KA**. Perceived physical symptoms elicited by unpredictable events and the Type A coronary-prone behavior pattern. Midwestern Psychological Association, Chicago, May 1978

2. **Matthews KA**. Type A behavior as a useful behavioral construct for behavioral medicine. Academy of Behavioral Medicine Research, Charlottesville, VA, June 1980

3. **Matthews KA**, Cottington E, Talbott E. Environmental events preceding sudden death in women. American Psychological Association, Montreal, September 1980

4. **Matthews KA**. Assessment issues in coronary-prone behavior. German Conference on Coronary-Prone Behavior: Biological Bases of Coronary-Prone Behavior, Altenberg, West Germany, June 1981

5. **Matthews KA**. Developmental aspects of the Type A coronary-prone behavior pattern. Third National Conference on Emotional Stress and Cardiovascular Disease, Myrtle Beach, SC, April 30-May 2, 1982

6. **Matthews KA**. Role of psychology in understanding disease-proneness: A case study of Type A behavior. Georgia Psi Chi Conference Keynote Address, University of Georgia, Athens, GA, May 1983

7. **Matthews KA**. Familial origins of the Type A (coronary-prone) behavior pattern. American Association for the Advancement of Science, Detroit, MI, May 1983

8. **Matthews KA**. Assessment of Type A, anger, and hostility. NIH Conference on Measures of Psychosocial Variables in Epidemiologic Studies, Galveston, TX, December 1983

9. **Matthews KA**. Origins of the Type A behavior pattern. University of Miami Conference on Stress, Miami, FL, February 1984

10. **Matthews KA**, Stoney CM, McCann BS, Manuck SB. Sex and adult/child differences in blood pressure responses to behavioral stress. American Psychosomatic Society, Baltimore, MD, March 1986

11. **Matthews KA**. Is reactivity a risk factor for hypertension? National Conference on High Blood Pressure Control, Las Vegas, NV, April 1987

12. **Matthews KA**. Gender differences in cardiovascular responses to stress: When? Why? So what? University of Stockholm/Karolinska Institute, Stockholm, Sweden, May 1992

13. **Matthews KA**, Everson S. The effects of menopause on women's health. Second International Congress of Behavioral Medicine, Hamburg, Germany, July 1992

14. **Matthews KA**. Turning points: Menopause, behavior, and cardiovascular disease. Third International Congress of Behavioral Medicine, Amsterdam, The Netherlands, July 1994

15. **Matthews KA**. Gender differences in cardiovascular disease: Patterns, predictors, and policy. William Bevan Invited Address, American Psychological Association, Chicago, August 1997

16. **Matthews KA**. Health matters for women. Keynote Speaker, Society of Behavioral Medicine, San Diego, March 1999

17. **Matthews KA**, Kuller LH, Sutton-Tyrrell K, Edmundowicz D. Lipid changes during the peri- and post-menopause and subclinical cardiovascular disease. Invited Address, 9th International Menopause Society World Congress on Menopause, Yokohama, Japan, October 1999

18. **Matthews KA**. Behavior, socioeconomic context, and cardiovascular disease: A lifespan approach. Master Lecture, American Psychological Association, San Francisco, August 24, 2001

19. **Matthews KA**. Development of behavioral risk factors for cardiovascular disease. Center for Society and Health Symposium, Harvard University, Boston, MA, November 12, 2002

20. **Matthews KA**, Bromberger JT, Sutton-Tyrrell K, Kuller LH, Gold E, SWAN Investigators. Hot stuff about the menopause. Menses meeting, Pittsburgh, June 6, 2003

21 **Matthews KA**. Getting to the heart of the matter: Origins of cardiovascular risk. European Health Psychological Society, Helsinki, Finland, Keynote Speaker, June 22, 2004

22. **Matthews KA**. Getting to the heart of the matter: Origins of cardiovascular risk. President’s Award Lecture, American Psychosomatic Society, Vancouver, March 3, 2005

23. **Matthews KA**, Bromberger JT. Does the menopausal transition impact health-related quality of life? National Institute of Health State-of-the-Science Conference on Management of Menopause-related Symptoms, Bethesda, MD, March 21, 2005

24. **Matthews KA**. Getting to the heart of the matter: Psychobiological origins. Walker-Ames Lecture, University of Washington, Seattle, WA, April 1, 2008

25. **Matthews KA**. Getting to the heart of the matter: Psychobiological origins of cardiovascular disease. 35th Annual Thomas Francis, Jr. Memorial Lecture, University of Michigan, January 28, 2009

26. Matthews KA. Women’s coronary heart disease, menopause, and depression: Lessons from The Study of Women’s Health Across the Nation. Albert Alden Lecture, Duke University, March 1, 2012

27. Matthews KA. Childhood Roots of Disparities in Cardiovascular Disease in Adulthood: A Multidisciplinary Perspective. Distinguished Lecture, Institute for Health Research and Policy, University of Illinios, Chicago, November 7, 2012

Colloquia presented at the following institutions:

University of Kansas, University of Miami, University of Minnesota, University of North Carolina, Mailman Center, Uniformed Services University of the Health Sciences, University of Delaware, University of California-Los Angeles, Karolinska Institute, University of Michigan, University of Georgia, University of Pennsylvania, State University of New York-Buffalo, University of Utah, State University of New York-Albany, University of Washington-Seattle, University of Virginia, Columbia University, University of British Columbia, Duke University, University of Alabama-Birmingham, University of Colorado-Boulder, McGill University, Rockefeller University, Rush-St. Luke's Presbyterian University, State University of New York-Stony Brook, Legacy Portland Hospitals-Portland, OR, University of Texas-Austin, Oregon Research Institute (Eugene, OR), Harvard University, Kent State University, Concordia University

**Other research related activities:**

Ad hoc reviewer for Journal of Personality, Journal of Research in Personality, Journal of Behavioral Medicine, Journal of Personality and Social Psychology, Psychosomatic Medicine, Child Development, Personality and Social Psychology Bulletin, Science, American Journal of Cardiology, New England Journal of Medicine, Maturitas, Hypertension, Obstetrics and Gynecology, National Science Foundation, National Academy of Science, National Institute of Mental Health, National Heart, Lung, and Blood Institute

Consulting Editor, Journal of Behavioral Medicine Abstracts, Psychosomatic Medicine

Editorial Board, Journal of Personality, Journal of Applied Social Psychology, Menopause

Associate Editor, Emotion Review, 2007 – 2012

Associate Editor, American Psychologist, 2005-present

Associate Editor, Health Psychology, 1984-1987

Editor-Elect, Health Psychology, 1989

Editor-in-Chief, Health Psychology, 1990-1994

Associate Editor, Women's Health: Research on Gender, Behavior, and Policy, 1994-1998

Member of Behavioral Medicine/NHLBI consultant to team to SCOR-A sites

Member of Program Committee for Division 38, Health Psychology, American Psychological Association, 1980, 1981, 1983

Delegate to National Conference on Training in Health Psychology, Arden House, NY, 1983

Chair of Nominations and Elections Committee, Division 38, Health Psychology, 1983

Member of Program Committee, American Psychosomatic Society, 1983

Ad hoc member of planning committee for American Heart Association 1984 Conference on Behavioral Medicine and Cardiovascular Disease

Member of Publication Committee, Society of Behavioral Medicine, 1984

Co-Organizer of NHLBI/University of Pittsburgh Stress, Reactivity, and Cardiovascular Disease Conference in Oglebay Park, WV, April 1984

Member of Council, American Psychosomatic Society, 1984-1986

Ad hoc member, Clinical Applications and Prevention Advisory Council, National Heart, Lung, and Blood Institute, 1984, 1986

Co-Organizer of Epidemiology Department, University of Pittsburgh Conference on Epidemiologic Perspectives in Women's Health, October 1985

Program Co-Chair for Division 38, Health Psychology, American Psychological Association, 1982, 1987

President of Division 38, Health Psychology, American Psychological Association, 1987 -1988

Delegate to National Working Conference on Research in Health and Behavior, Harper's Ferry, WV, 1988

Member, Clinical Applications and Prevention Advisory Council, National Heart, Lung, and Blood Institute, 1987-1991

President of American Psychosomatic Society, 1990-1991

Working Group Co-Chair, NIH Conference on Status of Cardiovascular Health and Disease in Women: Health Promotion and Disease Prevention/Optimal Disease Recognition and Management, 1992

Member, Executive Committee, MacArthur Foundation Network on Health-Damaging and Health-Promoting Behavior - review research proposals and organize conferences, 1983-1988; 1990-1993

Member, Asymptomatic Cardiac Ischemia Pilot Data Safety and Monitoring Board, National Heart, Lung, and Blood Institute, 1991-1993

Member, Psychophysiological Investigations of Myocardial Ischemia Data Safety and Monitoring Board, National Heart, Lung, and Blood Institute, 1991-1993

Co-Chair, National Working Conference on Research Frontiers in Behavioral Medicine, NIH Health and Behavior Coordinating Committee and National Institute of Mental Health, 1993

Co-Chair, Executive Committee, Women's Health Initiative, National Institutes of Health, 1993-1995

Chair, Behavioral Subcommittee, Women's Health Initiative, National Institutes of Health, 1993-1995

Member, SES and Health Planning Initiative of the John D. and Catherine T. MacArthur Foundation, 1994-1996

Member, National Heart, Lung, and Blood Institute Advisory Council of National Institutes of Health, 1994-1997

Member, National Heart, Lung, and Blood Institute Behavioral Medicine Task Force, 1996-1997

Member of North American Advisory Board for CME Monograph on Postmenopausal Health Curriculum, Pragmaton, 1997

Chair, Search Committee for Editor of Health Psychology, Division 38, Health Psychology, American Psychological Association, 1998

Member, John D. And Catherine T. MacArthur Foundation Research Program on Socioeconomic Status and Health, 1997-present

Member, National Heart, Lung, and Blood Institute Council Working Group on Epidemiology, 1998

Member, Committee for Emerging Science, CARDIA, 1998-present

Member, Center for Scientific Review Advisory Committee, National Institutes of Health, 1998-2003

Chair, Center for Scientific Review Advisory Committee, National Institutes of Health, 2000-2003

Member, National Heart, Lung, and Blood Institute Working Group on Early Life Influences on Health, 1999

External Reviewer, Institute of Medicine, Report on Health and Behavior: Research, Practice, and Policy, 2000

Guest Editor, International Journal of Behavioral Medicine, Special Issue on Women’s Health, 2001

Member, American Heart Association Strategic Research Directions Task Force, 2001

Member, Board on Neuroscience and Behavioral Health, Institute of Medicine, 2001-2004

Member, Board of External Advisors, National, Heart, Lung, and Blood Institute, 2002-2006

Member, Health Psychology, Division 38, Editor Selection Committee, American Psychological Association, 2003-2004

Member, Center for Scientific Review, Director Search Committee, National Institutes of Health, 2004

Chair, Nominations Committee, Division 38, Health Psychology, American Psychological Association, 2007

Chair, Awards Committee, Society of Behavioral Medicine, 2007-2009

Chair, Data Safety Monitoring Board for MsFlash Clinical Trials Network, NIA, NIH, 2009-present

**CURRENT RESEARCH INTERESTS:** Cardiovascular risk factors, Women’s health

**SERVICE:**

**University and Medical School**

At Kansas State University: Committees on subject pool; evaluation of graduate students; women's studies; departmental recruitment; and University-wide human use committee

At University of Pittsburgh: Behavioral Medicine Study Group chairperson; Behavioral Medicine Colloquia Series organizer; Committee on Academic Promotions and Tenure; WPIC Research Committee; WPIC Training Grant Review Committee; Director of Psychiatric Residency Training Program Search Committee; Clinical Psychology Faculty Search Committee; Psychiatric Epidemiology Faculty Search Committee, Health Services Faculty Search Committee, Committee on Awards (CoA): Health Sciences, Chair of Epidemiology Department Search Committee, Chair of Academic Promotions Committee for Department of Psychiatry, Member of Psychiatry Department Chair Search Committee

**Community Activities**

Lectures through Continuing Education Conference Series, Western Psychiatric Institute and Clinic

Member of Advisory Board, Claude D. Pepper Older Americans Independence Center, Yale University, 1994