

CURRICULUM VITAE

University of Pittsburgh

BIOGRAPHICAL INFORMATION

Name: Thomas Wilson Kamarck **Birth Date:** October 27, 1956

Home Address: 4147 Bigelow Boulevard **Birth Place:** Madison, Wisconsin

Home Phone: 412-621-7555 **Citizenship:** USA

Spouse: Flordeliza Santos Villanueva, M.D. **Children:** Erick Villanueva Kamarck
Maria Villanueva Kamarck

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EDUCATION and TRAINING

UNDERGRADUATE

1974-1978 Haverford College 1978 Psychology

GRADUATE

1980-1985 University of Oregon M.S. 1984 Sheldon Cohen, Ph.D.
Eugene, OR Ph.D. 1986 Edward Lichtenstein, Ph.D.

POSTGRADUATE

1985-1986 Medical Psychology Clinical Psychology Internship
Duke University Medical Ctr. Derek Shows, Ph.D.
Durham, NC James Blumenthal, Ph.D.

1986-1988 Department of Psychiatry Postdoctoral Fellowship
University of Pittsburgh Karen Matthews, Ph.D.
Pittsburgh, PA J. Richard Jennings, Ph.D.

APPOINTMENTS and POSITIONS

ACADEMIC:

1988-1994	University of Pittsburgh Pittsburgh, PA	Assistant Professor of Psychology and Psychiatry
1994-2001	University of Pittsburgh	Associate Professor of Psychology
2001-2005	University of Pittsburgh	Professor of Psychology
2005-present	University of Pittsburgh	Professor of Psychology and Psychiatry

CERTIFICATION and LICENSURE

MEDICAL or OTHER PROFESSIONAL LICENSURE:

Bureau of Prof and Occupational Affairs, PA 1996-present (Licensed Psychologist)

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

Academy of Behavioral Medicine Research	2000-present
American Psychosomatic Society	1989-present
Association for Psychological Science	2000-present
Div. 38, Health Psychology	2000-present
Society for Ambulatory Assessment	2011-present

HONORS

Distinguished Early Career Contributions Award 1991
Society for Psychophysiological Research

Elected Fellow, Academy of Behavioral Medicine Research 2000

PUBLICATIONS

Refereed articles

1. Hermalin J, Melendez L, **Kamarck T**, Klevans F, Ballen E, and Gordon M: Enhancing primary prevention: The marriage of self-help groups and formal health care delivery systems. Journal of Clinical Child Psychology, 125-129, 1979.
2. Cohen S, **Kamarck T**, and Mermelstein R: A global measure of perceived stress. Journal of Health and Social Behavior, 24, 385-396, 1983.
3. **Kamarck T** and Lichtenstein E: Current trends in clinic-based smoking control. Annals of Behavioral Medicine, 7, 19-23, 1985.
4. Mermelstein R, Cohen S, Lichtenstein E, Baer J, and **Kamarck T**: Social support and smoking cessation and maintenance. Journal of Consulting and Clinical Psychology, 54, 447-453, 1986.
5. **Kamarck TW** and Lichtenstein E: Program adherence and coping strategies as predictors of success in a smoking treatment program. Health Psychology, 7, 557-574, 1988.
6. Baer JS, **Kamarck TW**, Lichtenstein E, and Ransom CC: Prediction of smoking relapse: Analyses of temptations and transgressions after initial cessation. Journal of Consulting and Clinical Psychology, 57, 623-627, 1989.
7. **Kamarck TW**, Manuck SB, and Jennings JR: Social support reduces cardiovascular reactivity to psychological challenge: A laboratory model. Psychosomatic Medicine, 52, 42-58, 1990.
8. Debski TT, **Kamarck TW**, Jennings JR, Young LP, Eddy JJ, and Zhang Y: A computerized test battery for the assessment of cardiovascular reactivity. International Journal of Biomedical Computing, 27, 277-289, 1991.
9. **Kamarck TW** and Jennings JR: Biobehavioral factors in sudden cardiac death. Psychological Bulletin, 109, 47-80, 1991.
10. Jennings JR, **Kamarck TW**, Stewart C, Eddy M, and Johnson P: Alternate cardiovascular baseline assessment techniques: Vanilla or resting baseline. Psychophysiology, 29, 742-750, 1992.
11. **Kamarck TW**: Recent developments in cardiovascular reactivity: Contributions from psychometric theory and social psychology. Psychophysiology, 29, 491-503, 1992.
12. **Kamarck TW**, Jennings JR, Debski, TT, Glickman-Weiss E, Johnson, PS, Eddy, MJ, and Manuck SB: Reliable measure of behaviorally-evoked cardiovascular reactivity for a PC-based test battery: Results from student and community samples. Psychophysiology, 29, 17-28, 1992.
13. Debski TT, Zhang Y, Jennings JR, and **Kamarck TW**: Stability of cardiac impedance measures: Aortic opening (B-point) detection and scoring. Biological Psychology, 36, 63-74, 1993.
14. **Kamarck TW**, Jennings, JR and Manuck SB: Psychometric applications in the assessment of cardiovascular reactivity. Homeostasis in Health and Disease, 34, 229-243, 1993.

15. **Kamarck TW**, Jennings JR, Stewart CJ, and Eddy MJ: Reliable responses to cardiovascular reactivity protocol: A replication study in a bi-racial female sample. Psychophysiology, 30, 627-634, 1993.
16. **Kamarck TW**, Jennings JR, Pogue-Geile M and Manuck SB: A multidimensional measurement model for cardiovascular reactivity: Stability and cross-validation in two adult samples. Health Psychology, 13, 471-478, 1994.
17. **Kamarck TW**, Annunziato B and Amateau LM: Affiliation moderates the effects of social threat on stress-related cardiovascular responses: Boundary conditions for a laboratory model of social support. Psychosomatic Medicine, 57, 183-194, 1995.
18. Goodie JL and **Kamarck TW**: Use of the Accutracker DX to assess behavioral influences on ambulatory cardiovascular activity: A preliminary investigation. Journal of Blood Pressure Monitoring, 1, 135-140, 1996.
19. Jennings JR, **Kamarck TW**, Manuck SB, Everson SA, Kaplan G and Salonen JT: Aging or disease? Cardiovascular reactivity in Finnish men over the middle years. Psychology and Aging, 12, 225-238, 1997.
20. **Kamarck TW**, Everson SA, Kaplan GA, Manuck SB, Jennings JR, Salonen RS and Salonen JT. Exaggerated blood pressure responses during mental stress are associated with enhanced carotid atherosclerosis in middleaged Finnish men: Findings from the Kuopio Ischemic Heart Disease Study. Circulation, 96, 3842-3848, 1997.
21. **Kamarck TW**, Peterman A and Raynor D: The effects of the social environment on stress-related cardiovascular activation: Current findings, prospects, and implications. Annals of Behavioral Medicine, 20, 247-256, 1998.
22. **Kamarck TW**, Shiffman S, Smithline L, Goodie J, Paty J, Gnys M and Jong J: The effects of task strain, social conflict, and emotional activation on ambulatory cardiovascular activity: Daily life consequences of 'recurring stress' in a multiethnic adult sample. Health Psychology, 17, 17-29, 1998.
23. Feldman PJ, Cohen S, Lepore S, Matthews KA, **Kamarck TW** and Marsland AL: Negative emotions and acute physiological responses to stress. Annals of Behavioral Medicine, 21, 216-222, 1999.
24. Ituarte PHG, **Kamarck TW**, Thompson HS and Bacanu S: Psychosocial mediators of racial differences in nighttime blood pressure dipping among normotensive adults. Health Psychology, 18, 393-402, 1999.
25. **Kamarck TW**, Debski TT and Manuck SB: Enhancing the lab-to-life generalizability of cardiovascular reactivity using multiple occasions of measurement. Psychophysiology, 37, 533-542, 2000.
26. **Kamarck TW**, Eränen J, Jennings JR, Manuck SB, Everson SA, Kaplan GA and Salonen JT: Anticipatory blood pressure responses to exercise are associated with left ventricular mass in Finnish men: The Kuopio Ischemic Heart Disease Risk Factor Study. Circulation, 102, 1394-1399, 2000.
27. Gump BB, Polk DE, **Kamarck TW** and Shiffman S: Partner interactions are associated with reduced blood pressure in the natural environment: Ambulatory monitoring evidence from a healthy, multiethnic adult sample. Psychosomatic Medicine, 63, 423-433, 2001.

28. **Kamarck TW**, Janicki DL, Shiffman S, Polk DE, Muldoon MF, Liebenauer LL and Schwartz JE: Psychosocial demands and ambulatory blood pressure: A field assessment approach. Physiology and Behavior, 77, 699-704, 2002.
29. **Kamarck TW**, Polk DE, Sutton-Tyrrell K and Muldoon MF: The incremental value of ambulatory BP persists after controlling for methodological confounds: Associations with carotid atherosclerosis in a healthy sample. Journal of Hypertension, 20, 1535-1541, 2002.
30. Kinder LS, **Kamarck TW**, Baum A and Orchard TJ. Depressive symptomatology and coronary heart disease in Type I Diabetes Mellitus: A study of possible mechanisms. Health Psychology, 21, 542-552, 2002.
31. Polk DE, **Kamarck TW**, and Shiffman S: Hostility explains some of the discrepancy between ambulatory and clinic blood pressures. Health Psychology, 21, 202-206, 2002.
32. Raynor DA, Pogue-Geile MF, **Kamarck TW**, McCaffery JM and Manuck SB: Covariation of psychosocial characteristics associated with cardiovascular disease: Genetic and environmental influences. Psychosomatic Medicine, 64, 191-203, 2002.
33. Thompson HS, **Kamarck TW** and Manuck SB: The association between racial identity and hypertension in African American adults: Elevated resting and ambulatory blood pressure as outcomes. Ethnicity and Disease, 12, 20-28, 2002.
34. **Kamarck, TW** and Lovallo W. Cardiovascular reactivity to psychological challenge: Conceptual and measurement considerations. Psychosomatic Medicine, 65, 9-21, 2003.
35. **Kamarck TW**, Schwartz JE, Janicki DL, Shiffman S and Raynor DA: Correspondence between laboratory and ambulatory measures of cardiovascular reactivity: A multilevel modeling approach. Psychophysiology, 40, 675-683, 2003.
36. Taylor TR, **Kamarck TW** and Dianzumba S: Cardiovascular reactivity and left ventricular mass: An integrative review. Annals of Behavioral Medicine, 26, 182-193, 2003.
37. Treiber, FA, **Kamarck T**, Schneiderman N, Sheffield D. Kapuku G and Taylor T. Cardiovascular reactivity and development of preclinical and clinical disease states. Psychosomatic Medicine, 65, 46-62, 2003.
38. **Kamarck TW**, Muldoon MF, Shiffman S, Sutton-Tyrrell K, Gwaltney C and Janicki DL: Experiences of Demand and Control in daily life as correlates of subclinical carotid atherosclerosis in a healthy older sample. Health Psychology, 23, 24-32, 2004.
39. Jennings JR, **Kamarck TW**, Everson-Rose SA, Kaplan, GA, Manuck SB and Salonen JT. Exaggerated blood pressure responses during mental stress are prospectively related to enhanced carotid atherosclerosis in middle-aged Finnish men. Circulation, 110, 2198-2203, 2004.
40. Taylor TR, **Kamarck TW**, and Shiffman S: Validation of the Detroit Area Study Discrimination Scale in a community sample of older African-American adults: The Pittsburgh Healthy Heart Project. International Journal of Behavioral Medicine, 11, 88-94, 2004.

41. Jennings JR and **Kamarck TW**: Stress-induced blood pressure reactions: A pathway to coronary artery disease? Cardiology Review, 22, 28-33, 2005.
42. **Kamarck TW**, Schwartz J, Shiffman S, Muldoon MF, Sutton-Tyrrell K and Janicki D: Psychosocial stress and cardiovascular risk: What is the role of daily experience? Journal of Personality, 73, 1749-1774, 2005.
43. Janicki DL, **Kamarck TW**, Shiffman S, Sutton-Tyrrell K and Gwaltney CJ: Frequency of spousal interaction and 3-year progression of carotid artery intima-medial thickness: The Pittsburgh Healthy Heart Project. Psychosomatic Medicine, 67, 889-896, 2005.
44. Stewart JC, Janicki DL and **Kamarck TW**: Cardiovascular reactivity to and recovery from psychological challenge as predictors of 3-year change in blood pressure. Health Psychology, 25, 111-118, 2006.
45. Janicki DL, **Kamarck TW**, Shiffman S and Gwaltney CJ: Application of ecological momentary assessment to the study of marital adjustment and social interactions during daily life. Journal of Family Psychology, 20, 168-172, 2006.
46. **Kamarck TW**, Muldoon MF, Shiffman SS and Sutton-Tyrrell K: Experiences of demand and control during daily life are predictors of carotid atherosclerotic progression among healthy men. Health Psychology, 26, 324-332, 2007.
47. Stewart JC, Janicki, DL, Muldoon, MF, Sutton-Tyrrell, K & **Kamarck TW**: Negative emotions and three-year progression of subclinical atherosclerosis. Archives of General Psychiatry, 64, 225-233, 2007.
48. Gautier, C, Stine, L, Jennings, JR, Sutton-Tyrrell, K, Muldoon, M, **Kamarck, TW**, Kaplan, GA, Salonen, J & Manuck, SB Reduced low frequency heart rate variability relates to greater intimal-medial thickness of the carotid wall in two samples. Coronary Artery Disease, 18, 97-104, 2007.
49. Vella, E.J., **Kamarck, T.W.**, & Shiffman, S. Hostility moderates the effects of social support and intimacy on blood pressure in daily life. Health Psychology, 27, S155-S162, 2008. PMID: PMC62962549.
50. Stewart, JC, Janicki-Deverts, D, Muldoon, MF & **Kamarck TW**: Depressive symptoms moderate the influence of hostility on serum interleukin-6 and C-reactive protein. Psychosomatic Medicine, 70, 197-204, 2008.
51. Matthews KA, **Kamarck TW**, Hall M, Strollo PJ, Owens JF, Suyse BJ, Lee L & Reis SE: Blood pressure dipping and sleep disturbance in African American and Caucasian men and women. American Journal of Hypertension, 21, 826-831, 2008. PMID: PMC2890257.
52. Mezick EJ, Matthews KA, Hall M, Strollo PJ, Buysse DJ, **Kamarck TW**, Owens JF & Reis SE. The influence of race and socioeconomic status on sleep: Pittsburgh SleepSCORE project. Psychosomatic Medicine, 70, 410-416, 2008. PMID: PMC62887747.
53. Buysse DJ, Hall ML, Strollo PJ, **Kamarck TW**, Owens J, Lee 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. Journal of Clinical Sleep Medicine, 4, 563-571, 2008. PMID: PMC2603534.

54. **Kamarck TW**, Haskett RF, Muldoon M, Flory JD, Anderson B, Bies R, Pollock B & Manuck SB. Citalopram intervention for hostility: Results of a randomized clinical trial. Journal of Consulting and Clinical Psychology, 77, 174-188, 2009. PMID: PMC2745900.
55. Helgeson VS, Lopez LC & **Kamarck TW**. Peer relationships and diabetes: Retrospective and ecological momentary assessment approaches. Health Psychology, 28, 273-282, 2009. PMID: PMC2792470.
56. Schott, LL, **Kamarck, TW**, Matthews, KA, Brockwell, SE & Sutton-Tyrrell, K. Is brachial artery flow-mediated dilation associated with negative affect? International Journal of Behavioral Medicine, 16, 241-247, 2009. PMID: PMC2874418.
57. Mezick, E.J., Matthews, K.A., **Kamarck, T.W.**, Hall, M., Buysse, D.J., Owens, J.F. & Reis, S.E. Intra-individual variability in sleep duration and fragmentation: Associations with stress. Psychoneuroendocrinology, 39, 1346-1354, 2009. PMID: PMC2743778.
58. Stewart, J.C., Rand, K.L, Muldoon, M.F. & **Kamarck, T.W.**. A prospective evaluation of the directionality of the depression-inflammation relationship. Brain, Behavior, and Immunity, 23, 936-44, 2009. PMID: PMC2749896.
59. Kahler, C.W., Leventhal, A.M., Colby, S.M., Gwaltney, C.J., **Kamarck, T.W.**, & Monti, P.M. Hostility, cigarette smoking, and responses to a lab-based social stressor. Experimental and Clinical Psychopharmacology, 17, 413-424, 2009. PMID: PMC3698599.
60. Troxel, W.M., Buysse, D.J., Hall, M., **Kamarck, T.**, Owens, J.F., Strollo, P.J., Reis, S.E., & Matthews, K.A. Social network diversity, social contacts, and blood pressure dipping in African American and Caucasian men and women. Journal of Hypertension, 28, 265-271, 2010. PMID: PMC2864490.
61. Stewart, J.C., Fitzgerald, G.J. & **Kamarck, T.W.** Hostility now, depression later? Longitudinal associations among emotional risk factors for coronary artery disease. Annals of Behavioral Medicine, 39, 258-266, 2010. PMID: PMC2981067.
62. Mezick, E.J., Matthews, K.A., Hall, M., **Kamarck, T.W.**, Buysse, D.J., Owens, J.F., Strollo, P.J. & Reis, S.E. Low life purpose and high hostility are related to an attenuated decline in nocturnal blood pressure. Health Psychology, 29, 196-204, 2010. PMID: PMC2841295.
63. French, B., Siewiorek, D., Smailagic, A., **Kamarck, T.** Lessons learned designing multi-modal ecological momentary assessment tools. Journal of Technology and Disability, 22, 41-51, 2010.
64. Owens, J.F., Buysse, D.J., Hall, M., **Kamarck, T.W.**, Lee, L., Strollo, P.J., Reis, S.E., Matthews, K.A. Napping, nighttime sleep, and cardiovascular risk factors in mid-life adults. Journal of Clinical Sleep Medicine, 6, 330-335, 2010. PMID: PMC2919662.
65. 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, 711-716, 2011. PMID: PMC3099492.
66. Beatty, D.L., **Kamarck, T.W.**, Matthews, K.A. & Shiffman, S.S. Childhood socioeconomic status is associated with psychosocial resources in older African Americans: The Pittsburgh Healthy Heart Project. Health Psychology, 30, 472-480, 2011. PMID: PMC3533360.

67. Beatty, D.L., Hall, M.H., **Kamarck, T.W.**, Buysse, D.J., Owens, J.F., Reis, S.E., Mezick, E.J., Strollo, P.J., & Matthews, K.A. Unfair treatment is associated with poor sleep in African American and Caucasian adults: Pittsburgh Sleep SCORE Project. Health Psychology, 30, 351-359, 2011. PMCID: PMC3131074.
68. Gibson, C.J., Thurston, R.C., Bromberger, J.T., **Kamarck, T.W.** & Matthews, K.A. Negative affect and vasomotor symptoms in the Study of Women's Health Across the Nation (SWAN) Daily Hormone Study. Menopause, 18, 1270-1277, 2011. PMCID: PMC3230697.
69. **Kamarck, T.W.**, Muldoon, M.F., Manuck, S.B., Haskett, R.F., Cheong, J., Flory, J.D. & Vella, E. Citalopram improves metabolic risk factors among high hostile adults: Results of a placebo-controlled intervention. Psychoneuroendocrinology, 36, 1070-1079, 2011. PMCID: PMC3118402.
70. Ferrer, R. A., Klein, W. M. P., Zajac, L. E., Sutton-Tyrrell, K. C., Muldoon, M. F., **Kamarck, T. W** Unrealistic optimism is associated with subclinical atherosclerosis. Health Psychology, 31, 815-820, 2012.
71. **Kamarck, T.W.**, Shiffman, S., Sutton-Tyrrell, K., Muldoon, M.F., & Tepper, P. Daily psychological demands are associated with six-year progression of carotid artery atherosclerosis: The Pittsburgh Healthy Heart Project. Psychosomatic Medicine, 74, 432-439, 2012.
72. Kamarck, T. W. (2012, April). Psychosocial stress and cardiovascular disease: An exposure science perspective. *Psychological Science Agenda*, *26(4)*. Retrieved April 19, 2012, from <http://www.apa.org/science/about/psa/2012/04/stress-cardiovascular.aspx>
73. Vella, E.J., **Kamarck, T.W.**, Flory, J.D. & Manuck, S. Hostile mood and social strain during daily life: A test of the transactional model. Annals of Behavioral Medicine, 44, 341-352, 2012. PMCID: PMC3508292.
74. Khambaty, T., Stewart, J.C., Muldoon, M.F. & **Kamarck, T.W.** Depressive symptom clusters as predictors of 6-year increases in insulin resistance: Data from the Pittsburgh Healthy Heart Project. Psychosomatic Medicine, 76, 363-369, 2014.:PMCID: PMC4065635.
75. Joseph, N.T., **Kamarck, T.W.**, Muldoon, M.F., & Manuck, S.B. Daily marital interaction quality and carotid artery intima medial thickness in healthy middle aged adults. Psychosomatic Medicine, 76, 347-35, 2014..PMCID: PMC4274937.
76. Mezick, E.J., Matthews, K.A., Hall, M.H., Jennings, J.R. & **Kamarck, T.W.** Sleep duration and cardiovascular responses to stress in undergraduate men. Psychophysiology, 51, 88-96, 2014. PMCID: PMC3883723.
77. Miller MA, Rothenberger SD, Hasler BP, Conofry SD, Wong PM, Manuck SB, **Kamarck TW** & Roeklein KA. Chronotype predicts positive affect rhythms measured by ecological momentary assessment. Chronobiology International, 32, 376.384, 2015. PMCID: PMC4458846.
78. John-Henderson NA, Marsland AL, **Kamarck TW**, & Manuck SB. Childhood socioeconomic status and the occurrence of recent negative life events as predictors of circulating and stimulated levels of interleukin-6 in adulthood. Psychosomatic Medicine, 78, 91-101, 2015.
79. Hovsepian K., al'Absi M., Ertin E., **Kamarck T**, Nakajima M, Kumar S. cStress: Towards a gold standard for continuous stress assessment in the mobile environment. ACM UbiComp 2015.

80. Wong PM, Hasler BP, **Kamarck TW**, Muldoon MF & Manuck SB. Chronotype, social jetlag, and cardiometabolic risk. Journal of Clinical Endocrinology and Metabolism, 100, 4612-4620, 2015.
81. McIntyre TM, McIntyre SE, Barr CD, Woodward PS, Francis DJ, Durand A, Mehta P, **Kamarck TW**. Longitudinal study of the feasibility of using ecological momentary assessment to study teacher stress: Objective and self-reported measures. Journal of Occupational Health Psychology.
82. John-Henderson NA, **Kamarck TW**, Muldoon MF, Manuck SB. Early life family conflict, social interactions and carotid artery intima-media thickness in adulthood. Psychosomatic Medicine, in press.

Reviews and book chapters

1. Cohen S, Mermelstein R, **Kamarck T**, and Hoberman H: Measuring the functional components of social support. In Social support: Theory, research, and applications, Sarason I and Sarason B (Eds.), Martinus Nijhoff Publishers, Boston, pp. 73-94, 1985.
2. Blumenthal JA and **Kamarck TW**: Assessment of the Type A behavior pattern. In Applications in behavioral medicine and health psychology: A clinician's source book, Blumenthal JA and McKee DC (Eds.), Professional Resource Exchange, Sarasota, FL, pp. 3-37, 1987.
3. Cohen S, Lichtenstein E, Mermelstein R, McIntyre-Kingsolver K, Baer J, and **Kamarck, T**: Social support and smoking cessation and maintenance. In Marshaling social support: Formats, processes, and effects, Gottlieb BH (Ed.), Sage Publications, New York, pp. 211-240, 1988.
4. **Kamarck TW** (1991). Review of Neufeld, RWJ (Ed.), Advances in the investigation of psychological stress. Journal of Nervous and Mental Disease, 179, 645, 1991..
5. Manuck SB, **Kamarck TW**, Kasprowicz AS and Waldstein SR: Stability and patterning of behaviorally-evoked cardiovascular reactivity. In Cardiovascular reactivity to psychological stress and disease, Blascovich J and Katkin ES (Eds.), American Psychological Association, Washington DC, pp. 111-134, 1993.
6. **Kamarck TW**: Review of Turner JR, Cardiovascular reactivity and stress: Patterns of physiological response and Shumaker SA and Czajkowski SM (Eds.), Social support and cardiovascular disease Psychophysiology, 32 , 415-416, 1995.
7. **Kamarck TW**, Shiffman S, Smithline L, Goodie J, Thompson H, Ituarte PH, Jong J, Pro V, Paty J, Kassel J, Gnys M and Perz W: The Diary of Ambulatory Behavioral States: A New Approach to the Assessment of Ambulatory Cardiovascular Activity. In Perspectives in Behavioral Medicine: Technology and Methodology in Behavioral Medicine, Krantz D and Baum A (Eds.), Lawrence Erlbaum, Hillsdale, NJ, pp. 163-193, 1998.
8. **Kamarck TW**: Review of Stress and health: Biological and psychological interactions (2nd ed.) by William Lavallo. Psychophysiology, 42, 2005.
9. **Kamarck TW**, Shiffman S, Muldoon MF, Sutton-Tyrrell K, Gwaltney CJ, Janicki DL and Schwartz J: Ecological momentary assessment as a resource for social epidemiology. In The science of real-time data

capture: Self-reports in health research. Stone A, Shiffman S, Atienza A and Nebeling L (Eds.), Oxford, Oxford University Press, pp. 268-285, 2007.

10. Janicki DJ and **Kamarck TW**: Ambulatory blood pressure monitoring. In Handbook of Physiologicval Research Methods in Health Psychology. Luecken L and Gallo L (Eds.), Sage Publications, pp. 159-182, 2008.
11. **Kamarck, TW**, Shiffman, S and Wethington, E: Measuring psychosocial stress using ecological momentary assessment methods. In Handbook of stress science: Biology, psychology, and health. Contrada R and Baum A (Eds.). New York: Springer, pp. 597-617, 2011.
12. Anderson B, Wethington E and **Kamarck TW**. Interview assessment of stressor exposure. In Handbook of stress science: Biology, psychology, and health. Contrada R and Baum A (Eds), New York: Springer, pp. 565-582, 2011.
13. **Kamarck, T**, al'Absi, M., Epstein, D., Ertin, E., Intille, S., Kirk, G., Kumar, S., Preston, K., Rea, M., Scott, M., Shetty, V., Shiffman, S., Siewiorek, D., Smailagic, A., Stone, C. & Venugopal, M. Ambulatory monitoring and Ecological Momentary Assessment. In Waldstein, S., Katzel, L. & Kop, W., Handbook of Cardiovascular Behavioral Medicine, in press.

Published abstracts

1. **Kamarck TW**, Jennings JR, Brock K, and Stiller R: Adrenergic and electrophysiological reactivity in young and old Type A's and Type B's. Psychosomatic Medicine, 49, 207, 1987.
2. **Kamarck TW**, Manuck SB, and Jennings JR: The effects of social support on cardiovascular reactivity. CVD Epidemiology Newsletter, 43, 10, 1988.
3. **Kamarck TW**, Jennings JR, Manuck SB, Debski TT, Eddy MT, Glickman-Weiss E, and Johnson P: Computer-based protocol for assessment of cardiovascular reactivity in community samples. Psychophysiology, 26, S-37, 1989.
4. **Kamarck TW**, Manuck SB, and Jennings JR: Social support reduces cardiovascular reactivity to behavioral challenge: A laboratory model. Annals of Behavioral Medicine, 11, S107, 1989.
5. **Kamarck TW**, Jennings JR, Debski TT, Glickman-Weiss E, Johnson PS, Eddy MJ, and Manuck SB: Reliable measures of cardiovascular reactivity to psychological challenge: Results from student and community samples. Annals of Behavioral Medicine, 13, S88, 1991.
6. **Kamarck TW**, Jennings JR, Stewart CJ, and Eddy MJ: Reliable responses to a PC-based reactivity protocol: The effects of gender, race, and obesity. Psychophysiology, 28, S-33, 1991.
7. **Kamarck TW**, Jennings JR, Debski TT, and Stewart C: Effects of conditions of testing on reliability of cardiovascular reactivity measures using a PC-based protocol. Psychophysiology, 29, S-41, 1992.
8. **Kamarck TW**, Peterman A, and Marco C: Social integration and cardiovascular reactivity in a married community sample. Psychophysiology, 29, S-42, 1992.

9. **Kamarck TW**, Jennings JR, and Manuck SB: Reliable identification of cardiovascular response patterns during psychological challenge using dimensional and typological approaches. Annals of Behavioral Medicine, 15, S-175, 1993.
10. Peterman AH and **Kamarck TW**: Social avoidance, marital quality and social network characteristics are predictors of perceived social support. Annals of Behavioral Medicine, 15, S-72, 1993.
11. Goodie J and **Kamarck T**: Validation of the Accutacker DX ambulatory blood pressure monitor. Psychophysiology, 31, S-52, 1994.
12. **Kamarck T**, Amateau L, and Annunziato B: Social affiliation moderates the effects of social threat on cardiovascular reactivity: Boundary conditions for a laboratory model of social support. Annals of Behavioral Medicine, 16, S-131, 1994.
13. Peterman A and **Kamarck T**: Social support interactions and hostility moderate cardiovascular stress responses in married couples. Annals of Behavioral Medicine, 17, S-60, 1995.
14. Smithline L, **Kamarck T**, and Jin J: Ambulatory assessment of stress and social support episodes during daily living: A validation study. Annals of Behavioral Medicine, 17, S-60, 1995.
15. Debski TT, Jennings JR, **Kamarck TW**, Manuck SB, Salonen JT, and Kaplan G: Atypical impedance cardiograms in a community sample. Psychosomatic Medicine, 58, 74, 1996.
16. Ituarte P, **Kamarck TW**, Shiffman S, Goodie J, Smithline L, Pro V, Gnys M, Paty J and Kassel J (1996). Received support buffers the effects of daily stressors on well-being: An ecological momentary assessment approach. Annals of Behavioral Medicine, 18, 1996.
17. **Kamarck TW**, Shiffman S, Manuck SB, Debski TT, Cerrone P, Smithline L, Goodie J, Pro V, Gnys M, Paty J, and Kassel J: Correspondence between laboratory and ambulatory measures of cardiovascular activity. Annals of Behavioral Medicine, 18, S92, 1996.
18. **Kamarck TW**, Shiffman S, Smithline L, Goodie J, Pro V, Paty J and Kassel J: The effects of social behavior on ambulatory cardiovascular activity. Annals of Behavioral Medicine, 18, S95, 1996.
19. Gump B, Kamarck TW, Shiffman S, Smithline S, Thompson H, Goodie J, Pro V, Paty J, Kassel J, and Gnys M: Marital interaction and cardiovascular reactivity: Looking outside the laboratory. Annals of Behavioral Medicine, 19, S54, 1997.
20. **Kamarck TW**, Debski TT, Kazi U, Koehler J, Pogue-Geile M, and Manuck SB: Reliable assessment of individual differences in cardiovascular reactivity to natural psychological challenge. Annals of Behavioral Medicine, S158, 1997.
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30. **Kamarck TW**, Polk DE, Shiffman S, Smithline L, Thompson H, Goodie J, Paty J, Kassel J, and Gnys M: Emotional support moderates the acute pressor effects of stress during daily life. Psychosomatic Medicine, 61, 112, 1999.
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32. Raynor DA, **Kamarck TW**, Pogue-Geile MF, and Manuck SB: Clustering of psychosocial risk factors for cardiovascular disease: A confirmatory factor analysis. Psychosomatic Medicine, 61, 117, 1999.
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ambulatory and clinic blood pressures. Psychosomatic Medicine, 62, 135, 2000.

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68. Anderson BP, **Kamarck TW**, Frank E, Cohen S, Sutton Tyrrell K, and Muldoon, M. Marital status, chronic stress and the 3-year progression of carotid atherosclerosis: The Pittsburgh Healthy Heart Project. Annals of Behavioral Medicine, 33, S-068, 2007.
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80. Bear TM, **Kamarck TW**, Muldoon M, and Anderson BM. Potential psychosocial and behavioral mediators in the relationship between childhood SES and adult metabolic functioning. Psychosomatic Medicine, 71, A-35, 2009.
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83. Beatty DL and **Kamarck TW**. Fathers' education predicts everyday social support in social interactions among healthy middle-aged black adults. Psychosomatic Medicine, 71, A-48, 2009.
84. Anderson BP, Wethington E, **Kamarck TW**, Bear T, Steigerwalt T. The Life Events Assessment Profile (LEAP): Preliminary psychometric analysis. Psychosomatic Medicine, 72, A-27, 2010.
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86. Beatty DL, Hall MH, **Kamarck TW**, Buysse DJ, Owens JF, Reis, SE, Mezick EJ, Strollo PJ, Matthews KA. Unfair treatment is bad for sleeping, in part due to worrying. Psychosomatic Medicine, 72, A-153, 2010.
87. **Kamarck, TW**, Siewiorek, D, Smailagic A, Shiffman S, Stone S, French B, Beach S, Heineman E, Lubinski L, Anderson B. Computer adaptive testing methods for EMA assessment of psychosocial stress. Technology Demonstration Presentation, 2010 mHealth Summit, Washington, DC, November, 2010.
88. Wethington, E, Anderson, B., **Kamarck, T.**, Heineman, E., Lubinski, L., Steigerwalt, T. & Bear, T. The Life Events Assessment Profile (LEAP): Development and psychometric analysis. International Conference on Social Stress Research, Portsmouth, NH, November 14, 2010.
89. Gibson, C., Thurston, R., Bromberger, J., **Kamarck, T**, Matthews, K. Negative affect and vasomotor symptoms in the Daily Hormone Study. Psychosomatic Medicine, 73, A-91, 2011.
90. Battle KA, Goyla KA, Heineman E, Anderson B, **Kamarck T**. Preliminary validation of the social network health behavior scale (SNBHS): A measure of health behavior exposures. Psychosomatic Medicine, 73, A-84, 2011.
91. Garcia JM, **Kamarck TW**. Daytime physical activity is associated with nocturnal blood pressure dipping: The Pittsburgh Healthy Heart Project. Psychosomatic Medicine, 73, A-35, 2011.

92. **Kamarck TW**, Shiffman, S, Sutton-Tyrrell K, Muldoon MF. Daily psychosocial demands are associated with six-year changes in carotid artery atherosclerosis: The Pittsburgh Healthy Heart Project. Psychosomatic Medicine, 73, A-106, 2011.
93. Nakajima M, al'Absi M, Raji A, Kumar S, Ertin E, Smailagic A, **Kamarck T**, Scott M. A novel approach to assess psychophysiological responses to stress. Psychosomatic Medicine, 73, A-128, 2011.
94. Plarre, K., Raji, A., Hossain, S.M., Ali, A.A., Nakajima, M., al'Absi, M., Ertin, E., **Kamarck, T.**, Kumar, S., Scott, M., Siewiorek, D., Smailagic, A., Wittmers, L.E. Continuous inference of psychological stress from sensory measurements collected in the natural environment. Institute of Electrical and Electronics Engineers, Association of Computing Machinery, International Conference on Information Processing in Sensor Networks, Chicago, Illinois, 2011.
95. **Kamarck, T.W.**, Muldoon, M.F., Manuck, S.B., Anderson, B., Haskett, R. Citalopram reduces mood reactivity to social conflicts during daily life: Results of a placebo-controlled intervention. Psychosomatic Medicine, 74, A-87, 2012.
96. Khambaty, T., Stewart, J.C., Muldoon, M.F., **Kamarck, T.** Somatic-vegetative symptoms of depression predict 6-year increases in insulin resistance: Data from the Pittsburgh Healthy Heart Project. Psychosomatic Medicine, 75, A-25, 2013.
97. Joseph, N., **Kamarck, T.W.**, Manuck, S.B., Muldoon, M.F., Sutton-Tyrrell, K. Quality of daily spousal interactions explain the association between marital cohesion and carotid atherosclerosis. Psychosomatic Medicine, 75, A-27, 2013.
98. Miller, K.G., **Kamarck T.K.**, Muldoon, M.F., Gianaros, P.J., Manuck, S.B. Flatter diurnal cortisol slope on work-days is associated with preclinical atherosclerosis. Psychosomatic Medicine, 75, A-47, 2013.
99. Bajaj, A., **Kamarck, T.W.**, Joseph, N., Manuck, S., Muldoon, M, Sutton-Tyrrell, K. Negative affect in daily life is correlated with carotid atherosclerosis. Psychosomatic Medicine, 75, A-49, 2013.
100. Joseph, N.T., **Kamarck, T.W.**, Manuck, S.B., Matthews, K.A., Bajhaj, A., Hall, M., Muldoon, M.F., Sutton-Tyrrell, K., Wong, P.M., Wood, A., Bender, J. Sleep efficiency by actigraphy is associated with carotid intima-media thickness in late middle adulthood. Psychosomatic Medicine, 75, A-120, 2013.
101. **Kamarck, T.K.**, Anderson, B., Siewiorek, D., Stone, C., Shiffman, S., Smailagic, A., Wethington, E., French, B., Heineman, E. Novel measurement methods for assessing psychosocial stress: Preliminary validation. Psychosomatic Medicine, 75, A-128, 2013.
102. Dhaliwal, S.S., **Kamarck, T.W.**, Hall, M., Buysse, D.J., Strollo, P.J., Matthews, K.A. Do REM characteristics predict cardiovascular responses to daily stress? Psychosomatic Medicine, 75, A-160, 2013.
103. Bajaj, A.W., **Kamarck, T.W.**, Marsland, A.W., Anderson, B.M., Muldoon, M., Shiffman, S. Manuck, S. Frequent social interactions in daily life are associated with reduced systemic inflammation in healthy adults. Psychosomatic Medicine, 76, A-110, 2014.
104. Miller, K.G., **Kamarck, T.W.**, Anderson, B.M. Manuck, S.B. Low social status associates with altered HPA activity. Psychosomatic Medicine, 76, A-12, 2014.
105. Wong, PM, Gianaros, P., Anderson, B., Sheu, L., Kuan, D., **Kamarck, T.W.**, & Manuck, S.B. Sleep

duration and intra-individual variability in sleep schedules associate with differences in hippocampal and amygdalar volume. Psychosomatic Medicine, 76, A-131, 2014.

106. John-Henderson, N., Marsland, AL, **Kamarck, T**, Muldoon, MF, Manuck, SB. Negative life events moderate association of subjective childhood socioeconomic status with inflammation among midlife adults. Psychosomatic Medicine, 77, A-7, 2015.
107. **Kamarck, TW**, Anderson, B, Muldoon, M, Manuck, SB. Blood pressure reactivity moderates the effects of daily psychosocial strain on subclinical atherosclerosis: Examining diathesis-stress interactions using ambulatory monitoring methods. Psychosomatic Medicine, 77, A-28, 2015.
108. Miller, KG, Wright, AG, Peterson, LM, **Kamarck, TW**, Anderson, BM, Manuck, SB. Positive emotionality is associated with a steeper diurnal cortisol slope. Psychosomatic Medicine, 77, A-82-83, 2015.
109. Peterson, LM, **Kamarck, TW**, Miller, K, Wong, P, Anderson, BA, Muldoon, MF, Matthews, KA, Manuck, SB. Race differences in diurnal cortisol functioning: Sleep as a mediator. Psychosomatic Medicine, 77, A-121, 2015.
110. Thomas, MC, **Kamarck, TW**, Anderson, B, Miller, K., Peterson, LM, Manuck, SB. Daytime salivary cortisol secretion is associated with the quality of daily life marital interactions as measured by Ecological Momentary Assessment. Psychosomatic Medicine, 77, A-124, 2015.

PROFESSIONAL ACTIVITIES

TEACHING:

Courses and Tutorials Taught

Health Psychology, Psy 1215 (advanced undergraduate course) Approximately 35 students/class	Taught at least 19 times since 1988
Psychological Therapies: Cognitive and Behavioral Approaches Psy 2251 (graduate level course) Approximately 10 students/class	Taught biannually since 1991
Psychological Therapies: Behavioral Medicine Interventions Psy 2252 (graduate level course) Approximately 10 students/class	Taught biannually since 1998
Clinical Psychology practicum supervision Psy 2220 (graduate level course)	Taught nearly every year from 1992-2012
Topics Seminar: Social Environment and Disease Psy 2576 (graduate level course) Approximately 10 students	1996
Topics Seminar: Stress and Cardiovascular Disease Psy 2576 (graduate level course) Approximately 10 students	2003, 2013
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Health Psychology Research Seminar	2004-2005, 2015-2016
Health Psychology Fundamentals Psy 2502 (graduate level course) 8-10 students	2006, 2008, 2010

Other Local Lectures and Seminars Given

Talks given to Pittsburgh Mind Body Center Summer Institute (2001, 2003, 2005, 2006, 2008, 2010); Pittsburgh Mind Body Idea Seminar (2014); Clinical Psychology Research Seminar (1989, 1996, 2005); Health Psychology Research Seminar (1997, 2000, 2003, 2004, 2006, 2009, 2012); Social Psychology Research Seminar (1988, 1998, 2013); Developmental Psychology Research Seminar (2006); Neuroscience Research Seminar (2000); Psychiatry Research Seminar (1999, 2009); Cardiovascular Psychophysiology class (2005, 2008, 2010, 2012); Psi Chi (2013) and others.

Co-organizer and presenter, Pittsburgh Mind-Body Summer Institute (2001, 2003).

Kamarck, T.W. (October 4, 2003). Behavioral and psychosocial factors in cardiovascular disease risk. Talk presented at Women's Health Issues in Rheumatology Conference. CME Symposium, Pittsburgh, Pennsylvania.

Kamarck T.W. (July 10, 2006). Using ecological momentary assessment methods in Mind-Body research. Workshop, Pittsburgh Mind-Body Center.

Kamarck, T.W. (June 16, 2008). Pursuing the role of mental stress in disease: A real-time assessment approach. Talk presented at University of Pittsburgh Cancer Institute Satellite Conference. Greensburg, Pennsylvania.

Kamarck TW. (April 2, 2010). Writing a competitive research proposal. Introduction to 3-part Grant writing workshop for Psychology graduate students which I co-ordinated as part of the GEC professional brown bag series.

Kamarck, TW. (December 8, 2010). Psychosocial stress and cardiovascular disease: What can we learn from field assessment approaches? Lecture presented for CLRES 2900: Transforming Practice for Improved Health Care. Course Director: Mary Ann Sevick, ScD, RN. University of Pittsburgh.

Theses completed under my direction/ Service on Ph.D. committees

30 Masters Thesis committees (5 chaired)
38 Comprehensive Exam committees (4 chaired)
47 Dissertation committees (4 chaired)

Supervision of Pre- and Post-doctoral students

6 pre-doctoral students (plus 2 currently) (4/6 of these in faculty positions at present)
11 post-doctoral trainees (2 of these currently) (7/10 in faculty positions)

RESEARCH:

1. Grant Support

a. Current Grant Support

R01AG041778 (Kamarck, PI) 7/1/2013-6/30/2018
Heart, Lung, & Blood Institute 444,733 (DC in present year, includes new supplement)
Social Integration, Daily Social Interaction, and Health Risk Pathways in Midlife

R01 HL089850 (Gianaros, PI) 2/1/12 1/31/17 0.60 Calendar
Heart, Lung & Blood Institute 9,886 DC my budget
Neurobiological Pathways Linking Stress and Emotion to Atherosclerosis

b. Prior Grant Support:

P01 HL040962 Biobehavioral studies of cardiovascular disease:
Project 2: Chronic stress, daily psychosocial strain, and CVD risk.
Project Leader (25 %) 2007-2014 NHLBI
Manuck, PI on PPG Project 2 \$1,712,901 TC
Total Award \$10,045,451 TC

R01CA129557 Breast cancer risk analysis of heightened HPA axis stress responsivity
Co-investigator (5 %) 2008-2013 NCI
Bovbjerg, PI \$2,128,226 TC

RFA DA07005 Psychosocial stress exposure: Real-time and
structured interview technologies
Princ Investigator (12 %) 2007-2010 NIDA
\$1,277,739 TC

RFA HL065112 Pittsburgh Mind-Body Center
Core C: Assessment Core
Co-Investigator (10 %) 2004-2009 NHLBI \$627,969 TC
Matthews, Scheier, Co-PIs—Total award \$3,870,231 TC

R01 HL076379 Stress, Sleep and Emerging Risk Factors
Co-Investigator (5 %) 2004-2009 NHLBI
Matthews, PI \$2,670,365 TC

R01 HL056346-06 Biobehavioral Factors in Atherosclerotic Progression
Princ. Investigator (25 %) 2004-2007 NHLBI
\$1,459,425 TC

P01 HL040962 Biobehavioral Studies of Cardiovascular Disease
Project 3: Effects of citalopram on hostility and CHD risk
Project Leader (20 %) 2001-2007 NHLBI \$1,456,116 TC
Manuck, PI – Total award \$9,257,187 TC

R21 DA019628	Mechanisms Linking Hostility and Smoking Co-Investigator (2 %) 2005-2007 Kahler, PI	NIDA	\$428,972 TC
R21 DK066343	Effects of Stress on Behavior and Glucose in Type I DM Co-Investigator (6 %) 2004-2006 Helgeson, PI	NIDDK	\$281,780 TC
R01 HL056346	Biobehavioral Factors in Atherosclerotic Progression Princ. Investigator (30 %) 1998-2004	NHLBI	\$3,435,399
AHA	Cardiovascular reactivity to mental stress: Effects on endothelial function and arterial stiffness. Princ. Investigator (20 %) 1998-2000	AHA	\$66,000
P01 HL40962	Biobehavioral Studies of Cardiovascular Disease Project 3: Reactivity: Generalizability and Genetic Determinants Project Leader (20%) 1993-1998 Manuck, PI --Total award	NHLBI	\$756,177 \$6,539,309
AHA	Validation of cardiovascular reactivity as an index of autonomic responsiveness to mental stress in daily life Princ. Investigator (20 %) 1996-1998	AHA	\$15,000
R01 HL45016	Social Support, Interpersonal Behavior, and Cardiovascular Reactivity Princ. Investigator (30 %) 1992-1996	NHLBI	\$499,725
R01 HL49410	Social Support and Ambulatory Cardiovascular Reactivity Princ Investigator (20 %) 1993-1996	NHLBI	\$663,385
RFA HL44199	Supplement to "Mechanisms Underlying Psychosocial Associations With IHD" Co-Investigator (5 %) 1991-1995 Kaplan, Manuck Co-PIs	NHLBI	\$188,349
RFA HL41340	Differential Reactivity Risk Factor Assessment Co-Investigator (50%) 1989-1991 Jennings, PI	NHLBI	\$500,994

2. Seminars and invited lectureships related to my research.

1. **Kamarck TW** (1991, October). Recent advances in cardiovascular reactivity: Contributions from psychometric theory and social psychology. Award talk presented at the meeting of the Society of Psychophysiological Research, Chicago.
2. Durel L, Hurwitz B, Llabre M, Saab P, Schneiderman N, Jennings JR, **Kamarck TW**, and Kaufmann P (1991, March). Developing stable measures of cardiovascular reactivity patterns: The Miami/Duke and Pittsburgh Cooperative Agreement Project. Workshop presented at the meeting of the Society of Behavioral Medicine, Washington, D.C.
3. **Kamarck TW** (1991, May). Cardiovascular reactivity as a risk factor for disease: Implications for sudden cardiac death. Talk presented at SUNY/APA Scientific Conference on Reactivity and Disease, Buffalo, N.Y.
4. Kaufmann PG, Jennings JR, and **Kamarck TW** (1992, July). Assessing cardiovascular reactivity: The dimensions of response to biobehavioral challenge. Workshop presented at the meeting of International Congress of Behavioral Medicine, Hamburg, Germany.
5. Llabre MM (Chair), **Kamarck TW**, Massie C, Peckerman A, Wohlgenuth W and Jennings JR (Discussant). (1994, April). Cardiovascular psychophysiology and statistics: Who are the children of this marriage? Symposium presented at the meeting of the Society of Behavioral Medicine, Boston.
6. **Kamarck TW** (1995, June). Taking it to heart: Use of Ecological Momentary Assessment methods for assessing psychosocial influences on ambulatory cardiovascular activity. S. Shiffman (Chair), Collecting real-time behavioral data: Ecological momentary assessment. Symposium presented at the meeting of Academy of Behavioral Medicine Research, Williamsburg, VA.
7. **Kamarck TW**, Shiffman S, Smithline L, Goodie J, Pro V, Paty J and Kassel J (1996, August). The effects of social and task behavior on ambulatory cardiovascular activity. B. Gerin (Chair), Cardiovascular response to interpersonal stress: Experimental models of social support. Symposium presented at the annual meeting of the American Psychological Association, Toronto.
8. **Kamarck TW** (June 13, 1998). Does stress cause heart disease? How? How do we know? Talk presented at the American Psychological Association Summer Science Institute, Johns Hopkins University, Baltimore, MD.
9. **Kamarck TW**, Shiffman S, Smithline L, Thompson H, Raynor D, Polk D, Gump B, Paty J and Balabanis M (2001, March). EMA for ABP: Progress and promise in the use of momentary assessment methods for mapping behavior and blood pressure in the natural environment. S. Shiffman (Chair), Ecological momentary assessment: A unique tool for Behavioral Medicine research. Symposium presented at the annual meeting of the Society of Behavioral Medicine, Seattle.
10. Taylor TR and **Kamarck TW** (April, 2002). Cardiovascular reactivity and left ventricular mass: An integrative review. W. Gerin (Chair), Consolidating evidence for the validity of the reactivity concept. Symposium presented at the annual meeting of the Society of Behavioral Medicine, Washington, D.C.
11. **Kamarck TW** (June, 2002). How can ambulatory blood pressure monitoring inform us about psychosocial factors and cardiovascular disease risk? Talk presented at the annual meeting of the Academy for Behavioral Medicine Research, Islamorada, FL.

12. **Kamarck TW** (June, 2003). Ambulatory assessment: New technologies, new discoveries, new applications. (Chair and talk). Symposium presented at the annual meeting of the Academy for Behavioral Medicine Research, Tahoe City, CA.
13. **Kamarck TW** (September 6, 2003). Ecological momentary assessment: A tool for social epidemiology. Oral presentation, The Science of Real-Time Data Capture: Self-Reports in Health Research Conference (National Cancer Institute). Charleston, South Carolina.
14. **Kamarck TW**, Lesperance F, Freedland K, Smith T, Depue R (June, 2004). Cardiovascular disease and the structure of negative affect. (Chair and discussant). Symposium presented at the annual meeting of the Academy of Behavioral Medicine Research, Teton Village, Wyoming.
15. **Kamarck TW** (September 22, 2005). Patterns of stress recovery: Insights from the laboratory and the field. Talk presented at the annual meeting of the MacArthur Research Network on Socioeconomic Status and Health. Pittsburgh, Pennsylvania.
16. **Kamarck TW** (October 10, 2005). Psychosocial stress and cardiovascular disease: What can we learn from field assessment approaches? Talk presented at the Kaiser-Permanente Center for Health Research. Portland, Oregon.
17. **Kamarck TW** (August 12, 2008). Workshop on psychosocial stress: Ambulatory monitoring assessments and self-report measures. (Workshop chair). GEI Exposure Biology Program's Network on Psychosocial Stress and Addictive Substances (NEPSAS). National Institute on Drug Abuse and Office of Behavioral and Social Sciences Research. Washington, DC.
18. Kaufmann P, **Kamarck TW**, Davidson K (March 4, 2009). Career Development Workshop: An Introduction to Grant Writing in Psychosomatic Medicine. Annual meeting of the American Psychosomatic Society, Chicago, Illinois.
19. **Kamarck TW** (March 24, 2009). Psychosocial stress and cardiovascular disease: What can we learn from field assessment approaches? Talk presented at the NIDA Intramural Research Program Seminar, Baltimore, Maryland.
20. **Kamarck TW**, Anderson, B, Shiffman S, Bear T, Lubinski L, Steigerwalt T, Wethington E, Siewiorek D, Smailagic A, French B (May 22, 2009). New developments in real-time and structured interview assessment of psychosocial stress. Talk presented as part of symposium, Gene-environment interplay in stress and health: Network on Exposure to Psychosocial Stress and Addictive Substances. Presented at Annual meeting of the Association for Psychological Science, San Francisco, CA.
21. **Kamarck TW**, Siewiorek D, Smailagic A, Shiffman S, Stone C, French B, Heineman E, Lubinski L, von Dehsen L, Wolf J, Anderson B, Seigerwalt T. (March 12, 2010). Developing EMA-based self-report assessment of psychosocial stress. Talk presented as part of invited symposium, Psychosocial stress as an environmental exposure: New field assessment approaches and their implications for studies of health and disease. National Cancer Institute, National Institute on Drug Abuse, and National Institute of Environmental Health Sciences. Presented at Annual meeting of the American Psychosomatic Society, Portland, OR.
22. **Kamarck, T.W.**, Anderson, B., Shiffman, S., Stone, C., Beach, S., Heineman, E., Lubinski, L., Keene, R., Golya, K., Rice, D., & Steigerwalt, T. (Feb. 2, 2011). Psychosocial stress assessment: A search for temporally sensitive methods. Workshop on Stress Assessment. National Institute of Aging/ University of California San Francisco, February 2, 2011.

23. Joseph, N, Muldoon, MF, Manuck, SB, Matthews, KA, **Kamarck, TW.** (March, 2012). Low occupational status workers more vulnerable to the effect of job strain on ambulatory blood pressure at work and at home. Poster presented at the annual meeting of the Society of Behavioral Medicine. New Orleans, LA.
24. **Kamarck, TW.** Stress and emotion: Lives in motion: An ecological momentary assessment perspective (May 1, 2012). Workshop on Stress and Emotion: Emotion and Stress: One construct or two? Depends on your point of view. Division of Cancer Control and Population Sciences, National Cancer Institute. Bethesda, Maryland.
25. **Kamarck, TW.** Occupational stress and cardiovascular disease: What can we learn from field assessment approaches? (Aug. 28, 2012). National Institute of Occupational Safety and Health. Cincinnati, OH.
26. **Kamarck, TW.** NIA/BSA stress measurement workshop: Cross-cutting questions. (September 24, 2012). National Institute of Aging. USC, Los Angeles, CA.
27. **Kamarck, TW,** Anderson, B, Joseph, N, Shiffman, S, Stone, C, Siewiorek, D, Smailagic, A, French, B, Wethington, E & Schwartz, J. NIA/BSR stress measurement workshop: Novel measures of psychosocial stress exposure. (September 24, 2012). National Institute of Aging. USC, Los Angeles, CA.
28. **Kamarck, TW.** Teachable moments: Using ambulatory methods to characterize psychosocial contributions to cardiovascular disease risk. Keynote speaker, 3rd international conference, Society for Ambulatory Assessment (June 20, 2013). Amsterdam, Netherlands.
29. **Kamarck, T.W.** Teachable moments: Capitalizing on the merits of ambulatory assessment methods in Social Epidemiology research. Keynote Speaker, Social Science Research Institute Workshop, Enhancing Your Health Research with Time-Intensive Designs. (September 20, 2013). Penn State University, State College, PA.
30. **Kamarck, T.W.** Ramping up the resolution: Capturing stress and affect with a focus on time and context. National Institute of Aging Pre-Conference Workshop to the Inaugural Society of Affective Science Meeting. (April 24, 2014). Bethesda, MD.
31. **Kamarck, T.W.** What is stress? Presentation for the annual meeting of the Academy of Behavioral Medicine Research (June 26, 2014). Warrenton, Virginia.
32. **Kamarck, T.W.** A guide to cardiovascular assessment for psychosocial research. Virtual presentation for monthly brown bag seminar, Social Personality and Health Network (April 29, 2015).

3. Other research related activities.

Editorships

Associate Editor, Health Psychology (1996-1999)

Reviews

Reviewer,

Health Psychology, Psychophysiology, Psychosomatic Medicine, and others.

Reviewer, WPIC Research Committee 1990-present

Ad hoc reviewer,	NHLBI	2008, 2009
	NIDA	2011
	NIA	2012

LIST of CURRENT RESEARCH INTERESTS:

The role of psychosocial processes in the development of cardiovascular disease; possible biological and behavioral mechanisms by which these processes may exert their effects.

- a. Ecological momentary assessment-- Evaluating the role of daily life stressors and social interactions in contributing to cardiovascular and health risk.
- b. Ambulatory blood pressure—Evaluating the contribution of ambulatory blood pressure and blood pressure changes as mechanisms explaining observed associations between psychosocial processes and cardiovascular disease risk.
- d. Personality and affective characteristics (hostility, depressive symptoms) associated with disease risk and the biological and behavioral mechanisms explaining their influence.
- e. The assessment of psychosocial stress exposure using EMA and structured interview methods.
- f. “Cardiovascular reactivity” hypothesis—Evaluating the role of stress responsiveness in contributing to the development of atherosclerosis in humans.

SERVICE:

1. Program and University

Chair, Biological and Health Psychology Program	2000, 2004- present
Member, Executive Committee, Psychology Program	1999-2001, 2003-present
Chair, Faculty Search Committees	1999-2001, 2012-13
Member, Faculty Search Committees	1992,1993, 2002-2006, 2010-13
Chair, Promotions Committees	... 2011-12, 2012-13
Alternate Member, Dean’s Tenure Council	2004-present
Member or Chair, Promotions Ad Hoc Committees	1999-2000, 2000-2001, 2004-2008, 2010-2011
Member, Nominations Committee for Faculty of Arts and Sciences Councils	1999-2000
Member, Undergraduate Education Committee	1990-1999
Acting Chair	1998
Chair, Graduate Admissions, Health Psychology	1997-1999, 2004-present
Chair, Graduate Admissions, Clinical Psychology	1993-1994, 1996-1997
Speaker, New Student Orientation Program, Psychology	1997-2001
Faculty Advisor, Psi Chi	1994-1997
Member, Psychology Department Committee on Quantitative Training	1991-1993
Member, Program Chair Evaluation Committee	1991-1993
Coordinator, Clinical Psychology Research Seminar	1991-1992
Coordinator, Biological and Health Psychology Research Seminar	2004-2005

Commencement speaker, Psychology graduation

2001, 2015

2. National Activities

Consultant to John D. and Catherine T. MacArthur Foundation Network on Socioeconomic Status and Health 2000, 2005

Instructor, Summer Science Institute, Science Directorate, American Psychological Association 1998

Rapporteur, National Heart Lung and Blood Institute Task Force on Behavioral Research on Cardiovascular, Lung and Blood Health and Disease 1995-1997

Executive Council Member and Secretary, Academy of Behavioral Medicine Research 2001-2005

Invited participant, APA Division 38 (Health Psychology) summit meeting on Education and Training in Clinical Health Psychology 2007.

Steering Committee Chair, Network on Psychosocial Stress and Addictive Substances (Cooperative Agreement Grant). Genes, Environment, and Health Program. National Institutes of Health. 2009

Invited participant, Planning meeting on Social Environment, Stress, and Physiological Indicators of Health. National Academies, Division of Behavioral and Social Sciences and Education, Washington, D.C. May 11-12, 2010.

Invited participant, Workshop on Optimizing Stress-Reduction Interventions for Cardiovascular Disease Risk. National Heart, Lung, and Blood Institute, Washington, D.C. Sept. 27-28, 2011.

Invited participant, Stress Measurement Meeting, National Institute on Aging, University of California, San Francisco. February 2-3, 2011.

Invited participant, Meeting on Emotion and Stress, Division of Cancer Control and Population Sciences, National Cancer Institute. Bethesda, MD. April 30-May 1, 2012.

Invited participant, Stress Measurement Group Workshop. National Institute of Aging. University of Southern California. Los Angeles, CA. September 24-25, 2012.

Invited participant, National Institute of Aging Pre-conference workshop to the inaugural meeting of the Society of Affective Science. April 12, 2014.