

Curriculum Vitae

HURWITZ, Barry Elliot

1. Date: 1/19/2016

PERSONAL

2. Name: Barry Elliot Hurwitz
3. Office Telephone: 305-243-1444
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E-mail Address: bhurwitz@miami.edu
4. Office Address: Behavioral Medicine Research Center
Clinical Research Building, #777, University of Miami,
1120 NW 14th Street, Miami, FL 33136
5. Current Academic Rank: Professor
6. Primary Department: Department of Psychology
7. Secondary Appointments: a) School of Medicine
b) Department of Biomedical Engineering
8. Citizenship: United States

HIGHER EDUCATION

9. Institutional (institution, degree awarded, date conferred, program of study)

| | | | |
|-----------------------|-------|------|--------------------------|
| University of Florida | Ph.D. | 1984 | Physiological Psychology |
| Ohio University | M.S. | 1980 | Experimental Psychology |
| University of Toronto | B.Sc. | 1978 | Psychology & Zoology |

EXPERIENCE

10a. Academic (institution; rank/status; dates)

| | | |
|-----------------------|--|-----------------|
| University of Miami | Professor of Medicine | 2003-present |
| University of Miami | Professor of Psychology & Biomedical Engineering | 2000-present |
| University of Miami | Associate Professor of Psychology & Biomedical Engineering | 1995-2000 |
| University of Miami | Assistant Professor of Psychology & Biomedical Engineering | 1993-1995 |
| University of Miami | Graduate Faculty | 1989-present |
| University of Miami | Research Assistant Professor of Psychology | 1989-1993 |
| University of Miami | Research Associate | July-Oct., 1989 |
| University of Miami | Post-doctoral Research Fellow | 1984-1989 |
| University of Florida | Graduate Research Assistant | 1980-1984 |

10b. Other (institution; rank/status; dates)

| | | |
|--|--------------------|--------------|
| Graduate Faculty, University of Miami | member | 1989-present |
| Behavioral Medicine Research Center | Associate Director | 2007-present |
| Journal of CardioMetabolic Syndrome | Associate Editor | 2008-2011 |
| International Diabetes Monitor | Associate Editor | 2006-2011 |
| Endocrinology and Metabolic Syndrome | Executive Editor | 2011-2015 |
| International Journal of Behavioral Medicine | Associate Editor | 2011-present |

PUBLICATIONS

11. Books and monographs published

Hurwitz, B.E. (1993). Special issue: Impedance Cardiography. *Biological Psychology*. 36, 1-138. (guest editor)

12. Juried or refereed journal articles

- Qureshi, W., Leigh, J.A., Swett, K., Dharod, A., Allison, M., Cai, J., Gonzalez II, F., **Hurwitz, B.**, Shah, S., Desai, A.A., Spevack, D., Rodriguez, C. (2016). Comparison of Echocardiographic Measures in a Hispanic/Latino Population with the 2005 and 2015 American Society of Echocardiography Reference Limits [The Echocardiographic Study of Latinos (ECHO-SOL)]. *Circulation: Cardiovascular Imaging*. 9(1). NIHMSID: NIHMS737335 PMID: 26712159
- Hurwitz, B.E.**, Schneiderman N., Marks, J.B., Mendez, A.J., Gonzalez, A., Llabre, M.M., Smith, S.R., Bizzotto, R., Santini, E., Laura-Manca, M., Skyler, J.S., Mari, A., Ferrannini, E., (2015). Adaptation of β -cell and Endothelial Function to Carbohydrate Loading: Influence of Insulin Resistance. *Diabetes*. 64(7): 2550-2559. PMID: 25754957
- Premer, C., Blum, A., Bellio, M., Schulman, I., **Hurwitz, B.E.**, Parker, M., Dermarkarian, C., DiFede, D., Balkan, W., Hare, J. (2015). Allogeneic Mesenchymal Stem Cells Restore Endothelial Function in Heart Failure by Stimulating Endothelial Progenitor Cells. *EBioMedicine*. Mar 28;2(5):467-75. doi: 10.1016/j.ebiom.2015.03.020. PMID: 26137590
- Rodriguez, CJ, Dharod, A, Allison, MA, Shah, SJ, **Hurwitz** BE, Bangdiwala, S, Gonzalez, F, Kitzman, D, Gillam, L, Spevack, D, Dadhania, R, Langdon, S, Kaplan, R. (2015). Rationale and Design of the Echocardiographic Study of Hispanics/Latinos (ECHO-SOL). *Ethnicity & Disease*. Spring;25(2):180-86. PMID: 26118146
- McIntosh, R.C., **Hurwitz, B.E.**, Antoni, M., Gonzalez, A., Seay, J., Schneiderman, N. (2015). The ABCs of Anger, Psychological Distress, and HIV-Disease Severity. *Annals of Behavioral Medicine*. 49(3):420-33. PMID: 25385204
- Birnbaum-Weitzman O, Goldberg R, **Hurwitz** BE, Llabre MM, Gellman MD, Gutt M, McCalla JR, Mendez AJ, Schneiderman N. (2014). Depressive symptoms linked to 1-h plasma glucose concentrations during the oral glucose tolerance test in men and women with the metabolic syndrome. *Diabetic Medicine*. 31(5), 630-6. PMID: 24344735
- Hurwitz, B.E.** (2013). Multifaceted Lifestyle Interventions and Cardiometabolic Outcomes in Type 2 Diabetes Mellitus. *Endocrinology & Metabolic Syndrome*. 2: e120. doi: 10.4172/2161-1017.1000e120
- Mendes, E.S., Cancado, J.E.D., Rebolledo, P., Parker, M., Gonzalez, A., **Hurwitz, B.E.**, Wanner, A. (2013). Airway vascular endothelial function in healthy smokers without systemic endothelial dysfunction. *Chest*, 143(6), 1733-9. PMID: 23348843
- Hurwitz, B.E.** (2012). Sleep debt and postprandial metabolic function in subclinical cardiometabolic pathophysiology. *Endocrinology & Metabolic Syndrome*. 1: e107. doi: 10.4172/2161-1017.1000e107
- Fletcher, M.A., Rosenthal, M., Antoni, M., Ironson, G., Zeng, X.R., Barnes, Z., Harvey, J., **Hurwitz, B.E.**, Levis, S., Broderick, G., Klimas, N.G. (2010). Plasma Neuropeptide Y: a biomarker for symptom severity in Chronic Fatigue Syndrome. *The Behavioral and Brain Functions*. 6, 76. doi: 10.1186/1744-9081-6-76. PubMed PMID: 21190576; PubMed Central PMCID: PMC3024290.

- Hurwitz, B.E.** (2010). The Longitudinal Predictive Validity of Metabolic Syndrome. *International Diabetes Monitor*. 22(1), 29-35.
- Fletcher, M.A., Zeng, X.R., Maher, K., Levis, S., **Hurwitz, B.E.**, Antoni, M., Broderick, G., Klimas, N.G. (2010). Biomarkers in chronic fatigue syndrome: evaluation of natural killer cell function and dipeptidyl peptidase IV/CD26. *PLoS One*. 5(5), e10817. doi: 10.1371/journal.pone.0010817. PubMed PMID: 20520837; PubMed Central PMCID: PMC2876037.
- Hurwitz, B.E.**, Coryell, V.T., Parker, M., Martin, P., LaPerriere, A., Klimas, N.G., Sfakianakis, G.N., Bilsker, M.S. (2010). Chronic Fatigue Syndrome: Illness Severity, Sedentary Lifestyle, Blood Volume and Evidence of Diminished Cardiac Function. *Clinical Science*. 118(2), 125-135.
- Hurwitz, B.E.**, Henry, N., Goldberg, R.B. (2009). Long-term Oral Contraceptive Treatment, Metabolic Syndrome and Measures of Cardiovascular Risk in Pre-menopausal Women: National Health and Nutrition Examination Survey 1999-2004. *Gynecological Endocrinology*. 25(7), 441-449.
- Klaus, J.R., **Hurwitz, B.E.**, Llabre, M.M., Skyler, J.S., Goldberg, R.B., Marks, J.B., Bilsker, M.S., Schneiderman, N. (2009). Central Obesity and Insulin Resistance in Cardiometabolic Syndrome: Pathways to preclinical cardiovascular structure and function. *Journal of the CardioMetabolic Syndrome*. 4, 63-71.
- Paz-Filho, G., Esposito, K., **Hurwitz, B.**, Sharma, A., Dong, C., Andreev, V., Delibasi, T., Erol, H., Ayala, A., Wong, M., Licinio, J. (2009). Leptin and insulin sensitivity: reply to Oral and Burant. *American Journal of Physiology – Endocrinology and Metabolism*. 296(2), E396. DOI: 10.1152/ajpendo.90939.2008
- Paz-Filho, G., Esposito, K., **Hurwitz, B.**, Sharma, A., Dong, C., Andreev, V., Delibasi, T., Erol, H., Ayala, A., Wong, M., Licinio, J. (2008). Changes in insulin sensitivity during leptin replacement therapy in leptin-deficient patients. *American Journal of Physiology – Endocrinology and Metabolism*. 295(6), E1401-E1408.
- Paz-Filho, G.J., Ayala, A., Esposito, K., Erol, H.K., Delibasi, T., **Hurwitz, B.E.**, Wong, M.L., Licinio, J. (2008). Effects of Leptin on Lipid Metabolism. *Hormone and Metabolic Research*. 40, 572-574.
- Greeson, J.M., **Hurwitz, B.E.**, Llabre, M.M., Schneiderman, N., Penedo, F.J., & Klimas, N.G., (2008). Psychological Distress, Killer Lymphocytes, and Disease Severity in HIV/AIDS. *Brain, Behavior & Immunity*. 22(6), 901-911.
- Hurwitz, B.E.**, Llabre, M.M. Selenium Effects on HIV RNA and CD4 Cell Counts: Author reply (2007) *Archives of Internal Medicine*. 167(14), 1557.
- Hurwitz, B.E.**, Klaus, J.R., Llabre, M.M., Gonzalez, A., Lawrence, P.J., Maher, K.J., Greeson, J.M., Baum, M.K., Shor-Posner, G., Skyler, J.S., & Schneiderman, N. (2007). Selenium Supplementation Suppresses HIV Viral Load: A randomized controlled trial. *Archives of Internal Medicine*. 167(2):148-54.

- Hurwitz, B.E., LaPerriere, A. (2006).** Exercise Intervention and Metabolic Syndrome in Type 2 Diabetes. *International Diabetes Monitor*. 18(3), 33-37.
- Hurwitz, B.E., Brownley, K.A., Motivala, S.J., Milanovich, J.R., Kibler, J.L., Fillion, L., LeBlanc, W.G., Kumar, M., Klimas, N.G., Fletcher, M.A., & Schneiderman, N. (2005).** Sympatho-Immune Anomalies Underlying the Response to Stressful Challenge in HIV Spectrum Disease. *Psychosomatic Medicine*. 67(5), 798-806.
- Hurwitz, B.E., Klimas, N.G., Llabre, M.M., Maher, K.J., Skyler, J.S., Bilsker, M.S., McPherson-Baker, S., Lawrence, P.J., LaPerriere, A.R., Greeson, J.M., Klaus, J.R., Lawrence, R. & Schneiderman, N. (2004).** HIV, Metabolic Syndrome X, Inflammation, Oxidative Stress, and Coronary Heart Disease Risk: Role of protease inhibitor exposure. *Cardiovascular Toxicology*. 4(3), 303-316.
- Hurwitz, B.E. (2004).** Chronic Sildenafil Therapy for Improving Systemic Vascular Endothelial Function. *International Diabetes Monitor*. 16(1), 23-25.
- Motivala, S.J., **Hurwitz, B.E., Llabre, M.M., Klimas, N.G., Fletcher, M.A., Antoni, M.H., LeBlanc, W.G., & Schneiderman, N. (2003).** Psychological distress is associated with decreased memory T-helper and B-cell counts in pre-AIDS HIV seropositive men and women but only in those with low viral load. *Psychosomatic Medicine*. 65(4), 627-635.
- Brownley, K.A. & **Hurwitz, B.E. (2003).** Assessment of autonomic and cardiovascular function in HIV disease. *Advances in Cardiology*. 40, 105-139.
- Gerrity, T.R., Bates, J., Bell, D.S., Chrousos, G., Furst, G, Hedrick, T., **Hurwitz, B.E., Kula, R.W., Levine, S.M, Moore, R.C., Schondorf, R. (2002).** Chronic Fatigue Syndrome: What role does the autonomic nervous system play in the pathophysiology of this complex illness? *Neuroimmunomodulation*. 10(3), 134-141.
- Maher, K.J., Klimas, N.G., **Hurwitz, B.E., Schiff, R., Fletcher, M.A. (2002).** Quantitative fluorescence measures for determination of intracellular perforin content. *Clinical and Diagnostic Laboratory Immunology*. 9(6), 1248-1252.
- Peckerman A., **Hurwitz, B.E., Nagel, J.H., Leitten, C., Agatston, A.S., & Schneiderman, N. (2001).** Effects of Gender and Age on the Cardiac Baroreceptor Reflex in Hypertension. *Clinical Experimental Hypertension*. 23(8), 645-656.
- Brownley, K.A., Milanovich, J.R., Motivala, S.J., Schneiderman, N., Fillion, L., Graves, J.A., Klimas, N.G., Fletcher, M.A., & **Hurwitz, B.E. (2001).** Autonomic and cardiovascular function in HIV spectrum disease: Early indications of cardiac pathophysiology. *Clinical Autonomic Research*, 11(5):319-326.
- Goldstein, R.Z., **Hurwitz, B.E., Llabre, M.M., Schneiderman, N., Gutt, M., Skyler, J.S., Prineas, R.J. & Donahue, R.P. (2001).** Modeling Preclinical Cardiovascular Risk for use in Epidemiological Studies: The Miami Community Health Study. *American Journal of Epidemiology*. 154(8), 765-776.

- Penedo, F.J., Antoni, M.H., Schneiderman, N., Ironson, G.H., Malow, R.M., Cruess, S., **Hurwitz**, B., & LaPerriere, A. (2001). Dysfunctional attitudes, coping and depression among HIV+ men who have sex with men (MSM). *Cognitive Therapy and Research*, 25(5), 591-606.
- Hurwitz**, B.E., Brownley, K.A., Fletcher, M.A. & Klimas, N.G. (2000). Chronic fatigue syndrome: Evidence supporting the hypothesis of a behaviorally-activated neuromodulator of fatigue. *Journal of Chronic Fatigue Syndrome*. 6(2), 45-63.
- Peckerman, A., LaManca, J.J., Smith, S.L., Taylor, A., Tiersky, L., Pollet, C., Korn, L., **Hurwitz**, B.E., Ottenweller, J.E., Natelson, B.H. (2000). Cardiovascular stress responses and their relation to symptoms in Gulf War veterans with fatiguing illness. *Psychosomatic Medicine*. 62, 509-516.
- Hurwitz**, B.E. (2000). Preclinical signs of autonomic neuropathy or compensatory autonomic regulation? *International Diabetes Monitor*. 12(1), 8-10.
- Brownley, K.A., **Hurwitz**, B.E., & Schneiderman, N. (1999). Ethnic variations in the pharmacological and non-pharmacological treatment of hypertension: A bio-psycho-social perspective. *Human Biology*. 71(4), 607-639.
- Motivala, S.J., **Hurwitz**, B.E., La Greca, A.M., Llabre, M.M., Marks, J.B., Skyler, J.S. & Schneiderman, N. (1999). Aberrant parasympathetic and hemodynamic function distinguishes a sub-group of psychologically-distressed individuals with asymptomatic Type I Diabetes Mellitus. *International Journal of Behavioral Medicine*. 6(1), 78-94.
- Peckerman, A., Saab, P.G., Llabre, M.M., **Hurwitz**, B.E., McCabe, P.M. & Schneiderman, N. (1998). Cardiovascular and perceptual effect of reporting pain during the foot and forehead cold pressor tests. *International Journal of Behavioral Medicine*. 5(2), 106-117.
- Nagel, J.H., **Hurwitz**, B.E., Schneiderman, N. (1997). Noninvasive assessment of cardiovascular reactivity and its significance as an indicator of risk for hypertension. *Biomedical Engineering, Applications, Basis & Communications*. 9(5), 230-241.
- Saab, P.G., Llabre, M.M., Schneiderman, N., **Hurwitz**, B.E., Green, P., Evans, J., Wohlgemuth, W., Hayashi, P., & Klein, B. (1997). Influence of ethnicity and gender on cardiovascular responses to active coping and inhibitory-passive coping challenges. *Psychosomatic Medicine*, 59, 427-446.
- Nagel, J.H., Reddy, S.P., **Hurwitz**, B.E., Schneiderman, N., Prashad, R. & Agatston, A.S. (1997). Quantification of aortic valve stenosis based on a time-frequency analysis of Doppler ultrasound signals. *Biomedical Engineering, Applications, Basis & Communications*. 9(2), 1-7.
- Starr, K.R., Antoni, M.H., **Hurwitz**, B.E., Rodriguez, M.R., Ironson, G., Fletcher, M.A., Kumar, M., Patarca, R., Lutgendorf, S.K., Quillian, R.E., Klimas, N.G. & Schneiderman, N. (1996). Patterns of immune, neuroendocrine, and cardiovascular stress responses in asymptomatic Human Immunodeficiency Virus seropositive and seronegative men. *International Journal of Behavioral Medicine*. 3, 135-162.
- Hurwitz**, B.E., Quillian, R.E., Marks, J.B., Schneiderman, N., Agramonte, R.F., Freeman, C.R.,

- LaGreca, A.M., Skyler, J.S. (1994). Resting parasympathetic status and cardiovascular response to orthostatic and behavioral challenges in Type I insulin-dependent diabetes mellitus. *International Journal of Behavioral Medicine*. 1,137-162.
- Peckerman, A., **Hurwitz**, B.E., Saab, P.G., Llabre, M.M., McCabe, P.M., & Schneiderman, N. (1994). Stimulus dimensions of the cold pressor test and the associated patterns of cardiovascular response. *Psychophysiology*. 31, 282-290.
- Hurwitz**, B.E. (1993). Issues in methodology and application of impedance cardiography: An introduction. *Biological Psychology*. 36, 1-2.
- Hurwitz**, B.E., Shyu, L-Y., Lu, C-C., Reddy, S.P., Schneiderman, N. & Nagel, J.H. (1993). Signal fidelity requirements for deriving impedance cardiographic measures of cardiac function over a broad range of heart rate. *Biological Psychology*. 36, 3-21.
- Hurwitz**, B.E., Nelesen, R.A., Saab, P.G., Nagel, J.H., Spitzer, S.B., Gellman, M.D., McCabe, P.M., Phillips, D.J., & Schneiderman, N. (1993). Differential patterns of dynamic cardiovascular regulation as a function of task. *Biological Psychology*. 36, 75-95.
- Llabre, M.M., Saab, P.G., **Hurwitz**, B.E., Schneiderman, N., Spitzer, S., Frame, C.A. & Phillips, D. (1993). The stability of cardiovascular parameters under different behavioral challenges: One-year follow-up. *International Journal of Psychophysiology*. 14, 241-248.
- Nagel, J.H., Han, K., **Hurwitz**, B.E., & Schneiderman, N. (1993). Assessment and diagnostic applications of heart rate variability. *Biomedical Engineering-Applications, Basis, & Communications*, 5(2), 147-158.
- Saab, P.G., Llabre, M.M., **Hurwitz**, B.E., Schneiderman, N., Durel, L.A., Wohlgelmuth, W., Massie, C. & Nagel, J. (1993). The cold pressor test: Vascular and myocardial response patterns and their stability. *Psychophysiology*. 30, 366-373.
- Saab, P.G., Llabre, M.M., **Hurwitz**, B.E., Frame, C.A., Reineke, L.J., Fins, A.I., McCalla, J., Cieply, L.K., & Schneiderman, N. (1992). Myocardial and peripheral vascular responses to behavioral challenges and their stability in black and white Americans. *Psychophysiology*, 29, 384-397.
- Markgraf, C.G., Green, E.J., **Hurwitz**, B.E., Morikawa, E., Dietrich, W.D., McCabe, P.M., Ginsberg, M.D. & Schneiderman, N. (1992). Sensorimotor and cognitive consequences of middle cerebral artery occlusion in rats. *Brain Research*, 575, 238-246.
- Hurwitz**, B.E., Dietrich, W.D., McCabe, P.M., Alonso, O., Watson, B.D., Ginsberg, M.D., & Schneiderman, N. (1991). Amphetamine promotes recovery from sensory-motor integration deficit after thrombotic infarction of primary somatosensory cortex. *Stroke*, 22, 648-654.
- Vera, P.L., **Hurwitz**, B.E., & Schneiderman, N. (1990). Sympathoadrenal preganglionic neurons in the adult rabbit send their dendrites into the contralateral hemicord. *Journal of the Autonomic Nervous System*, 30, 193-198.
- Hurwitz**, B.E., Dietrich, W.D., McCabe, P.M., Watson, B.D., Ginsberg, M.D. & Schneiderman, N.

(1990). Sensory-motor deficit and recovery from thrombotic infarction of the vibrissal barrel-field cortex. *Brain Research*, 512, 210-220.

Nagel, J.H., Shyu, L.Y., Reddy, S.P., **Hurwitz**, B.E., McCabe, P.M., & Schneiderman, N. (1989). New signal processing techniques for improved precision of noninvasive impedance cardiography. *Annals of Biomedical Engineering*, 17, 517-534.

Hurwitz, B.E., Smith, R.L., & Meyer, M.E. (1989). Blood pressure during induction and termination of the dorsal immobility response. *Physiology & Behavior*, 45, 671-675.

Hurwitz, B.E., & Furedy, J.J. (1986). The human dive reflex: An experimental, topographical and physiological analysis. *Physiology & Behavior*, 36, 287-294.

13. Other works, publications, and published abstracts

13a. Textbook Chapters, General Proceedings and Reports

Hurwitz, B.E., Schultz, L.M., Greeson, J.M. (2010). HIV-1 Spectrum Disease, Psychological Distress and Cardiometabolic Risk. In S. Waldstein, L. Katzel, .W. Kop (Eds.), *Handbook of Cardiovascular Behavioral Medicine*. Springer, New York.

Hurwitz, B.E., Komorowski, J. A method of treating and preventing viral infections. U.S. Patent and Trademark Office, U.S. Department of Commerce, file#SPOR22871PCT, 12/19/2007.

Hurwitz, B.E. (2004). Chronic Fatigue Syndrome. In A.J. Christensen, R. Martin, J.M. Smith (Eds.), *Encyclopedia of Health Psychology*. (pp.45-48). Kluwer Academic/Plenum Publishers, New York.

Brownley, K.A., **Hurwitz**, B.E., & Schneiderman, N. (2000). Cardiovascular psychophysiology: Function, methodology, and use in pathophysiological investigation. In J.T. Cacioppo, L.G. Tassinary, G.G. Berntson (Eds.), *Handbook of Psychophysiology*, (pp. 224-264), Cambridge University Press, New York.

Hurwitz, B.E., Goldstein, R., Massie, C.A., Llabre, M.M., & Schneiderman, N. (2000). Low-flow circulatory state and the pathophysiological development of cardiovascular disease: A model of autonomic mediation of cardiovascular regulation. In P.M. McCabe, N. Schneiderman, T. Field, & A.R. Wellens (Eds.), *Stress, Coping, and Cardiovascular Disease*. (pp. 85-122), Lawrence Erlbaum Associates. Mahwah, NJ.

Schneiderman, N., Gellman, M., Peckerman, A., **Hurwitz**, B., Saab, P., Llabre, M., Ironson, G., Durel, L., Nagel, J., McCabe, P., & Skyler, J. (2000). Cardiovascular reactivity as an indicator of risk for future hypertension. In P.M. McCabe, N. Schneiderman, T. Field, & A.R. Wellens (Eds.), *Stress, Coping, and Cardiovascular Disease*, (pp. 181-202), Lawrence Erlbaum Associates. Mahwah, NJ.

Schneiderman, N., Antoni, M., Ironson, G., Klimas, N., **Hurwitz**, B.E., Kumar, M., LaPerriere, A., Brownley, K., & Fletcher, M.A. (1999). Psychoneuroimmunology and HIV/AIDS. In M. Schedlowski & U. Tewes (Eds.), *Psychoneuroimmunology: An interdisciplinary introduction*, (pp. 487-507), Kluwer Academic/Plenum, New York.

Hurwitz, B.E & Schneiderman, N. (1998). Cardiovascular reactivity and the relation to cardiovascular disease risk. In D. Krantz & A. Baum (Eds.), *Technology and Methodology in Behavioral Medicine*. (pp. 243-273), Lawrence Erlbaum Associates. Mahwah, NJ.

Fillion, L., **Hurwitz, B.E.**, Fletcher, M.A., Graves, J.A., Klimas, N.G., & Schneiderman, N. (1998). Reliability and concurrent and predictive validity of the Subjective Appraisal Rating Scale in HIV-infected men and women. *York University Research Reports*, 249, 1-19.

Schneiderman, N., Antoni, M., Ironson, G., Lutgendorf, S., **Hurwitz, B.**, Klimas, N., Kumar, M., Laperriere, A. & Fletcher, M. (1996). Psychoneuroimmunologie und HIV/AIDS. In M. Schedolwski, & U. Tewes (Eds.), *Psychoneuroimmunologie* (pp. 577 - 633). Germany: Spektrum Akademischer Verlag.

Hurwitz, B.E., Shyu, L-Y., Lu, C-C., Reddy, S.P., Schneiderman, N. & Nagel, J.H. (1991). Influence of signal fidelity on impedance cardiographically-derived values at resting and accelerated heart rates. In J.H. Nagel & W.M. Smith (Eds.), *Bioelectric Phenomena, Electrocardiography, Electromagnetic Interactions, Neuromuscular Systems*, IEEE Publishing Services, New York, 13(2), pp. 793-794.

Han, K., Nagel, J.H., **Hurwitz, B.E.**, & Schneiderman, N. (1991). Decomposition of heart rate variability by adaptive filtering for estimation of cardiac vagal tone. In J.H. Nagel & W.M. Smith (Eds.), *Bioelectric Phenomena, Electrocardiography, Electromagnetic Interactions, Neuromuscular Systems*, IEEE Publishing Services, New York, 13(2), pp. 660-661.

Hurwitz, B.E., Shyu, L-Y., Reddy, S.P., Schneiderman, N., & Nagel, J.H. (1990). Coherent ensemble averaging techniques for impedance cardiography. In H.T. Nagle & J.N. Brown (Eds.), *Computer-based medical systems*, IEEE Computer Society Press, Washington, pp. 228-235.

Hurwitz, B.E., Dietrich, W.D., McCabe, P.M., Watson, B.D., Ginsberg, M.D., & Schneiderman, N. (1989). Amphetamine-accelerated recovery from cortical barrel-field infarction: pharmacological treatment of stroke. In M.D. Ginsberg and W.D. Dietrich (Eds.), *Cerebrovascular Diseases*, Raven Press, New York, pp. 309-318.

Reddy, S.P., Shyu, L.Y., **Hurwitz, B.E.**, Nagel, J.H., & Schneiderman, N. (1988). Improved reliability of impedance cardiography by new signal processing techniques. In G. Harris and C. Walker (Eds.), *Cardiology and Imaging*, IEEE Publishing Services, New York, Vol. 10, pp. 43-44.

PROFESSIONAL

14. Funded Research Performed

14a. Current Research Support

NHLBI, R56, HL104199-05, Epidemiologic Determinants of Cardiac Structure and Function
Among Hispanics

B.E. Hurwitz, Miami-Site PI, 5% Effort (C.J. Rodriguez, Overall PI, Wake Forest University)

Total Support: \$940,602

Site Total Support: \$89,721

Total Period: 9/14/15 - 8/31/16

NHLBI, RO1, HL104199A, Epidemiologic Determinants of Cardiac Structure and Function Among Hispanics
B.E. Hurwitz, Miami-Site P.I., 5% effort (C.J. Rodriguez, Overall P.I.)
Total Support: \$2,956,254; Annual Support: \$686,006
Site Total Support: \$481,528; Site Annual Support: \$102,623
Total Period: 4/1/11 - 3/31/15

NHLBI, HHSN 268201300004I, Hispanic Community Health Study – Miami Field Center
B.E. Hurwitz, Investigator, 5% effort (N. Schneiderman, Miami Field Center P.I.)
Site Total Support: \$9,621,633; Site Annual Support: \$1,150,749
Total Period: 6/1/13 - 5/31/19

Department of Psychology Flipse Research Award, Role of Incretin Hormones in Postprandial Pancreatic β -cell and Insulin Metabolic Function in Insulin Resistant and Insulin Sensitive Nondiabetic Adults
B.E. Hurwitz, PI, 0% effort
Total Award: \$3,485.31
Total Period: 12/4/15 - 12/3/15

14b. Past Research Support

NHLBI, RO1, HL104199A, Epidemiologic Determinants of Cardiac Structure and Function Among Hispanics
B.E. Hurwitz, Miami-Site P.I., 5% effort (C.J. Rodriguez, Overall P.I.)
Total Support: \$2,956,254; Annual Support: \$686,006
Site Total Support: \$481,528; Site Annual Support: \$102,623
Total Period: 4/1/11 - 3/31/15

BB-IND 9336, Islet Transplantation in Type 1 Diabetes (Effect on Carotid Intima-media Wall Thickness)
B.E. Hurwitz, Co-Investigator, 0% effort
Total Support: \$12,000; Annual Support: \$4,000
Total Period: 06/01/2011-5/31/2014

NHLBI, PO1, HL36588, Biobehavioral Bases of CHD Risk and Management
Core Title: Cardiovascular Measurement Core
B.E. Hurwitz, Core leader, 20% effort, (N. Schneiderman, P.I.)
Total Support: \$7,528,333; Annual Support: \$1,503,687
Total Period: 06/01/07 - 03/31/12

NHLBI, RO1, HL095127, Vascular Endothelial Dysfunction and Response to Exercise in HIV+ Children
B.E. Hurwitz, Co-Investigator, 5% effort (T.L. Miller, P.I.)
Total Support: \$1,147,500; Annual Support: \$382,500
Total Period: 09/25/08 - 06/30/11

NHLBI, RO1, HL081817, Obesity, Metabolic Syndrome, Meal-Related Glycemia
B.E. Hurwitz, P.I., 20% effort
Total Support: \$2,981,548; Annual Support: \$749,306
Total Period: 02/01/07 - 1/31/11

NHLBI, RO1, HL81917-03S1, Obesity, Metabolic Syndrome, Meal-Related Glycemia Supplement
B.E. Hurwitz, P.I., 0% effort
Total Support: \$114,070; Annual Support: \$40,328
Total Period: 02/01/09 - 1/31/11

UM Intramural, GRSA, Effect of Glycemic Loading on Hot Flush Frequency and Severity in Post-
Menopausal Women
B.E. Hurwitz, P.I., 0% effort
Total Support: \$6,500
Total Period: 05/01/09 - 4/30/10

GlaxoSmithKline, 91407, Effect of an ICS on Endothelial Dysfunction in Cigarette Smokers
B.E. Hurwitz, Investigator, 0% effort, (A. Wanner, P.I.).
Total Support: \$50,625
Total Period: 03/12/09-6/30/10

Micah Batchelor, Vascular Inflammation & Endothelial Dysfunction & Response to Exercise in
HIV-infected Children
B.E. Hurwitz, Investigator, 5% Effort (T. Miller, P.I.)
Total Support - \$450,000; Annual Support \$225,000
Total period: 01/01/07 - 12/31/09

NHLBI, RO1, HL72712, HIV/HCV Co-Infection: HAART and Cardiovascular Disease
Pathophysiology
B.E. Hurwitz, P.I., 20% effort
Total Support: \$2,990,094; Annual Support: \$581,055
Total period: 9/30/02 - 8/31/07

NIH/NCRR, MO1, RR16587, General Clinical Research Center
Core Title: Clinical Physiology Core
B.E. Hurwitz, Core leader - 0% effort, (John Clarkson, P.I., Jay Skyler, Program Director)
Total Support: \$9,683,487; Annual Support: \$1,943,790
Total Period: 8/15/2002- 3/31/2006

NIDA, RO1, DA13138, Drug abuse, HIV, Selenium Supplementation & Cardiovascular Disease
Risk
B.E. Hurwitz, P.I., 20% effort
Total Support: \$4,009,486; Annual Support: \$801,897
Total period: 8/01/00 - 6/30/06

NHLBI, PO1, HL36588, Biobehavioral Bases of CHD Risk and Management,
Core Title: Cardiovascular Measurement Core
B.E. Hurwitz, Core leader - 20% effort, (N. Schneiderman, P.I.)
Total Support: \$6,472,695; Annual Support: \$1,294,539
Total Period: 07/01/01 - 06/30/06

NHLBI, RO1, HL65668, RBC Mass, Autonomic Nervous System Integrity & Syncope Susceptibility in
Chronic Fatigue Syndrome

Curriculum Vitae

HURWITZ, Barry Elliot

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B.E. Hurwitz, P.I., 20% effort
Total Support: \$1,825,959; Annual Support: \$456,490
Total Period: 11/1/00 - 7/31/04

NIDA, RO1, DA13138-03S1, Supplement to Drug abuse, HIV, Selenium Supplementation, &
Cardiovascular Disease Risk
B.E. Hurwitz, P.I., 0% effort
Total Support: \$113,626
Total period: 06/01/06 - 06/30/06

NIMH, PO1, MH49548, Behavioral management and stress responses in HIV/AIDS
Project Title: Acute Stress Responses in HIV Pre- and Post-CBSM
B.E. Hurwitz, Project Leader, 30% effort (Neil Schneiderman, P.I.)
Total Support: \$12,323,646; Annual support: \$2,953,082
Total period: 2/1/98 - 1/31/04

NHLBI, RO1, HL50183, Dynamic Autonomic Assessment in Diabetic Neuropathy
B.E. Hurwitz, P.I. - 25% effort
Total Support: \$760,995; Annual Support: \$185,147
Total Period: 8/1/95 - 7/31/00

NHLBI, PO1, HL36588, Biobehavioral Bases of CHD Risk and Management,
Project Title: Behavioral Reactivity in Relation to Indices of CHD Risk
B.E. Hurwitz, Project Leader and Co-core leader - 20% effort, (N. Schneiderman, P.I.)
Total Support: \$8,336,180; Annual Support: \$1,705,400
Total Period: 07/01/96 - 06/30/01

NIMH, PO1, MH49548, Behavioral Management and Stress Responses in HIV-1
B.E. Hurwitz, Co-Project Leader - 30% effort, (N. Schneiderman, P.I.)
Total Period: 2/1/93 - 1/31/98, Annual Support: \$781,125

NHLBI, PO1, HL36588, Psychophysiology of Cardiovascular Reactivity
B.E. Hurwitz, Co-Project Leader & Co-Core leader - 25% effort, (N. Schneiderman, P.I.)
Total Period: 07/01/91 - 06/30/96, Annual Support: \$825,031

NHLBI, RO1, HL44600, Biobehavior, Ethnicity, Hormones, and Blood Pressure
B.E. Hurwitz, Investigator - 20% effort, (R. Prineas, P.I.)
Total Period: 01/91 - 01/96, Annual Support: \$286,415

American Heart Association, GIA, Reorganization Following Focal Cerebral Ischemia in Rat
Neocortex
B.E. Hurwitz, Consultant - 5% effort, no salary (E.J. Green, P.I.)
Total Period: 7/1/93 - 6/31/95, Annual Support: \$28,890

NIH, SIP, Small Instrument Grant: Ultrasound Imaging
B.E. Hurwitz, Co. P.I. - 0% effort
Total Period: 9/1/93 - 8/31/94, Total Support: \$25,730

NINCDS, Center Grant Project, NS05820-25, Research Center for Cerebral Vascular Disease

B.E. Hurwitz, Investigator - 10% effort (M.D. Ginsberg, P.I.)

Total Period: 8/1/91 - 7/31/94, Annual Support: (Center)\$750,000, Behavioral Core \$44,967

NHLBI, RU1, HL41335-03, Assessing Reactivity in Human Populations

B.E. Hurwitz, Investigator - 50% effort (N. Schneiderman, P.I.)

Total Period: 7/1/88 - 6/30/91, Annual Support: \$248,590

NIH, Biomedical Research Support Grant, S07 RR07022-22, Precision of Impedance

Cardiography for Assessing Cardiovascular Response to Behavioral Stressors

B.E. Hurwitz, P.I.

Total Period: 3/90 - 12/91, Total Support: \$6,000

15. Editorial Responsibilities

| | |
|--|----------------|
| International Journal of Behavioral Medicine, Associate Editor | 2011 - present |
| Endocrinology and Metabolic Syndrome, Executive Editor | 2011 - 2015 |
| Journal of CardioMetabolic Syndrome, Associate Editor | 2008 - 2011 |
| International Diabetes Monitor, Associate Editor | 2006 - 2011 |

16. Professional and Honorary Organizations

| | | |
|--|--------|----------------|
| Society of Behavioral Medicine | member | 2003 - present |
| Academy of Behavioral Medicine Research | fellow | 2002 - present |
| American Psychosomatic Society | member | 2000 - present |
| American College of Nutrition | member | 2007 - 2009 |
| International Association for Chronic Fatigue Syndrome | member | 2005 - 2010 |
| Society for Psychophysiological Research | member | 1979 - 2009 |

17. Honors and Awards (award, institution, years awarded)

| | |
|--|-----------|
| Nominated for the Excellence in Graduate Teaching Award | |
| Department of Psychology, University of Miami | 2007 |
| Secondary appointment in School of Medicine, University of Miami | 2003 |
| Elected Fellow of the Academy of Behavioral Medicine Research | 2002 |
| Nominated for the Excellence in Teaching Award | |
| Department of Psychology, University of Miami | 1997 |
| Secondary appointment in Department of Biomedical Engineering, University of Miami | 1993 |
| NHLBI Post-Doctoral Research Fellowship, Program in Cardiovascular Behavioral Medicine, University of Miami | 1986-1989 |
| American Heart Association Post-Doctoral Research Fellowship, Florida Affiliate, University of Miami | 1984-1986 |
| University of Florida Pre-doctoral Fellowship, Graduate College Sponsored Research | 1984 |
| Post-Graduate Scholarship Natural Sciences and Engineering Research Council of Canada, University of Florida | 1981-1983 |

TEACHING

18. Teaching Awards

18a. Awards

Nominated for the Excellence in Graduate Teaching Award, Department of Psychology, University of Miami, 2007

Nominated for the Excellence in Teaching Award, University of Miami, 1997

18b. Training Grant Support

NHLBI Training Grant, HL007426, Behavioral Medicine Research in Cardiovascular Disease,
B.E. Hurwitz, Preceptor (N. Schneiderman, PI)
Total Support: \$2,143,185; Annual Support \$408,896
Total Period: 7/1/14 - 6/30/1

18c. Past Training Grant Support

NHLBI Training Grant, HL007426, Behavioral Medicine Research in Cardiovascular Disease
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Support: \$2,143,185; Annual Support \$408,896
Total Period: 7/1/09 - 6/30/14

NIMH Training Grant, MH018917, Biopsychosocial Research Training in Immunology & AIDS
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Support: \$1,923,634; Annual Support \$374,267
Total Period: 7/1/09 - 6/30/14

NIH Fogarty International Training Program in AIDS & TB
B.E. Hurwitz, Mentor (G. Shor-Posner, P.I.)
Total Support: \$3,024,000; Annual Support \$604,800
Total Period: 7/1/04 - 6/30/09

NIMH Training Grant, MH018917, Biopsychosocial Research Training in Immunology & AIDS
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Support: \$1,455,680; Annual Support \$291,136
Total Period: 7/1/04 - 6/30/09

NHLBI Training Grant, HL07426, Behavioral Medicine Research in Cardiovascular Disease,
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Support: \$1,604,808; Annual Support \$317,322
Total Period: 7/1/04 - 6/30/09

NIMH Training Grant in Biopsychosocial Research Training in Immunology and AIDS, B.E.
Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Period: 7/1/99 - 6/30/04, Annual Support \$246,041

NHLBI Training Grant in Behavioral Medicine Research in Cardiovascular Disease,
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Period: 7/1/99 - 6/30/04, Annual Support \$241,096

NIMH Training Grant (MH18917) in Biopsychosocial Research Training in Immunology and AIDS,
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Period: 7/1/93 - 6/30/98, Annual Support \$243,757

NHLBI Training Grant (HL07426) in Behavioral Medicine Research in Cardiovascular Disease,
B.E. Hurwitz, Preceptor (N. Schneiderman, P.I.)
Total Period: 7/1/93 - 6/30/98, Annual Support \$203,194

19. Teaching

Current and Past Teaching Responsibilities (listings with course numbers indicate courses taught at the University of Miami) nb: *currently taught on a regular basis

General Principles of Psychology as a Biological and Behavioral Science (PSY 102)
*Introduction to Psychobiology (PSY 202/220)
*Supervision of undergraduate research (PSY 367, PSY 368)
*Foundations in Behavioral Medicine II (PSY 606)
Neuroscience Research Forum (NEU 120/190)
Laboratory in Psychobiology and Behavioral Medicine (PSY 403)
Psychology of Medicine and Health (PSY 420)
Supervision of undergraduate thesis research (PSY 498, PSY 499)
Psychophysiology (PSY 606)
Medical Sciences for Biomedical Engineering (BME 502, partial responsibility)
Infancy and Early Childhood (University of Florida)
Medical Neuroscience (University of Florida, College of Medicine, partial responsibility)
Biological Psychology (Florida International University)
Introductory Psychology (Ohio University)

20. Thesis and Dissertation Advising/Post-Doctoral Student Supervising

Chaired 13 dissertations, advised 11 other dissertations, chaired 14 theses, advised 7 other theses, and directly or partially supervised the research of and 18 post-doctoral fellows more than 40 graduate students.

| | <u>Research Topic</u> | <u>Year</u> |
|--|--|-------------|
| <u>Post-Doctoral Fellows Advised</u> (*primary supervisor) | | |
| Roger McIntosh | Psychosocial Influences on HIV/AIDS Disease | 2012-2015 |
| William Arguelles | Depression & Cardiovascular Risk in T2D | 2012-2015 |
| Ashley Moncrieft | Physical Activity, Adiposity and Type 2 Diabetes | 2013-2014 |
| Orit Weitzman | Cardiometabolic Markers of T2D Risk | 2012-2014 |
| Damian Stanziano | Cardiovascular Risk in Gerontology | 2009-2012 |
| Felix Hernandez | Depression in Metabolic Syndrome & Type 2 Diabetes | 2010-2011 |
| Adonis M. Perdomo | Endothelial Progenitor Cells in Vascular Disease | 2009-2010 |
| Johanna Klaus* | Metabolic Syndrome and Prognostic CHD Indicators | 2005-2007 |
| Rasha Lawrence* | Hematological and Immunological Alterations in CFS | 2003-2004 |
| Denise Dixon | Immunological Assays for Cytokines in HIV Spectrum Disease | 1997-1998 |
| Kimberly Brownley* | Stress Reactivity, HIV, and Immune/Cardiovascular Function | 1996-1999 |
| Beth Dettmer | HIV Risk Factors and Personality | 1996-1998 |
| Jessie Williams | Social support, Immune Reactivity and HIV Spectrum Disease | 1996-1998 |
| Lise Fillion* | Immune and Cardiovascular Stress Reactivity in HIV | 1994-1996 |
| Kevin Doherty | Cardiovascular Hyper-reactivity and Cardiovascular Risk | 1994-1995 |
| Arnold Peckerman* | Hypertension, Baroreceptor Function, Cardiovascular Reactivity | 1993-1996 |
| Ewaryst Tkacz* | Signal Processing Methods to Index Parasympathetic Activity | 1993-1994 |
| Liang-Yu Shyu* | Validity of Impedance Cardiography/Computed Tomography | 1992-1994 |
| <u>Dissertations Chaired</u> | | |
| Karin Garcia | Sleep Function and Cardiometabolic Risk | 2015 |
| Virginia Coryell | Psychological Distress, Eating Style, and Cardiovascular Risk | 2010 |
| Jeffrey Greeson | Psychosocial Predictors of HIV Disease Progression | 2006 |
| Candace Hart | Autonomic and Circulatory Function in Type I Diabetes | 2005 |

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|-----------------|---|------|
| Johanna Klaus | Modeling Stress, Dysmetabolic Syndrome & Preclinical CVD Risk | 2004 |
| Anna Rusiewicz | Psychological Distress and Adherence in Type I Diabetes | 2003 |
| Sarosh Motivala | Psychological Distress, Immune Function, HIV | 2000 |
| Carol Gallaher | Hypertension, Effects of Drug Treatment, Insulin Resistance | 1999 |
| Jeffrey Kibler | Pain Perception, Baroreceptor Sensitivity in Type I Diabetes | 1999 |
| John Milanovich | Immune Predictors of HIV Disease Progression | 1999 |
| Rita Goldstein | Modeling Cardiovascular Regulation and Insulin Metabolism | 1999 |
| Clifford Massie | Ethnicity, Cardiac Autonomic Balance, Cardiovascular Risk | 1993 |

Dissertations Advised

| | | |
|------------------|--|------|
| Chih-Cheng Lu | Noninvasive Methods of Arrhythmia Detection | 1998 |
| Judith McCalla | Cardiovascular Reactivity in Hypertension | 1997 |
| Jovier Evans | Differences in Cardiovascular Reactivity Recovery | 1996 |
| Sridhar Reddy | Quantitative Method for Aortic Stenosis Detection | 1996 |
| Paige Green | Ethnicity/Gender Experimenter Effects, Cardiovascular Reactivity | 1996 |
| Kedu Han | Validity of Adaptive Filtering Methods of Estimating Vagal Tone | 1994 |
| Arnold Peckerman | Pain Perception and Blood Pressure Reactivity to Stress | 1993 |
| Jane Ansley | Insulin Effects on Blood Pressure Regulation | 1992 |
| Liang-Yu Shyu | Sources of Signal Processing Error in Impedance Cardiography | 1992 |
| Rosemary Pasin | Cardiovascular and Neuroendocrine Reactivity to Stress | 1990 |
| Richard Nelesen | Gender and Cardiovascular Response Patterning | 1990 |

Theses Chaired

| | | |
|---------------------|--|------|
| Virginia Coryell | Orthostatic Intolerance, Fatigue and Autonomic Status in CFS | 2007 |
| LaMista Schultz | Metabolic Syndrome, Cocaine Use/Abuse & HIV/AIDS | 2007 |
| Luda Karnatovskaia | Cardiac Structural & Functional Abnormalities in Type 1 Diabetes | 2002 |
| Johanna Klaus | Reactor Status, Insulin Resistance and Vascular Function | 2001 |
| Neal Baker | Cardiovascular Reactivity to Stress in Hispanic Men and Women | 2000 |
| Candace Vallenilla | Prediction of Cardiac Structure with Cardiovascular Reactivity | 1998 |
| Carol Gallaher | Gestational Diabetes and Insulin Metabolic Syndrome | 1997 |
| Rita Goldstein | Quantitative Modeling of Cardiovascular Function | 1997 |
| Jeff Kibler | Impedance Cardiography Systolic Time Interval Validity | 1997 |
| John Milanovich | Autonomic Integrity in HIV Spectrum Disease | 1997 |
| Sarosh Motivala | Immune Reactivity and Ethnicity and Gender | 1997 |
| Julie Graves | Perceived Stress, Hemodynamic Function in HIV | 1997 |
| Christopher Leitten | Stress and Pharmacological Reactivity in Hypertension | 1995 |
| Ruth Quillian | Stress Response Patterning in Black and White Men | 1991 |

Theses Advised

| | | |
|------------------|---|------|
| Nicole Henry | Oral Contraceptive Use and Metabolic Syndrome | 2006 |
| Sudeep Khuraijam | New Stroke Volume Estimation Technique from Doppler Images | 1996 |
| Thomas Zahn | Quantitative Methods of Assessing Doppler Aortic-Valve Images | 1994 |
| Julie Landel | Insulin Dependent Diabetes and Autonomic Function | 1994 |
| Kathleen Starr | Immuno-cellular reactivity in HIV Asymptomatic Gay Men | 1993 |
| Susan Yount | Effects of Eating on Cardiovascular/Neuroendocrine Reactivity | 1993 |
| Chih-Cheng Lu | Real-Time Self-Balancing Impedance Plethysmograph | 1991 |

SERVICE

21. University Committee and Administrative Responsibilities

Associate Director, Behavioral Medicine Research Center, 2007 - present

Interim Member, College of Arts & Sciences Curriculum Committee, 2015

Chair, Health Psychology Division Search Committee, 2008

Member, General Advisory Committee of the General Clinical Research Center, 2001 - 2009

Member, Division of Health Psychology, 1989 - present

Member of Health Psychology Division Graduate Admissions Committee, 1989 - present

Member, Graduate Research Faculty, 1989 - present

Member, Data Safety and Monitoring Board, RO1 HL095127, T. Miller, M.D. (PI) 2009 - 2011

Member, Institute for Women's Health, Committee on Menopause Research, 2008-2009

Interim Senator, University of Miami Faculty Senate, 2008

Senator, University of Miami Faculty Senate, 2001 - 2003

Senator, University of Miami Faculty Senate, 1998 - 2001

Senator, University of Miami Faculty Senate, 1995 - 1998

Member of Budget & Compensation Committee of the Faculty Senate, 1997 - 2001

Chair of Nominations Committee of the Faculty Senate, 1998

Representative to the Arts and Sciences Caucus, 1995 - 2003

Member of the College of Arts & Sciences Budget and Compensation Committee, 1999 - 2002

Member of the Faculty Survey Questionnaire Committee, 1999 - 2000

Chair, Subcommittee on Undergraduate Research Methods Curriculum, 1993 - 1995