

Brooks B. Gump, PhD, MPH

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NOTE: last updated 9/1/2014

EDUCATIONAL BACKGROUND

July, 1995 - June, 1997	University of Pittsburgh , Pittsburgh, Pennsylvania MPH in Epidemiology
September, 1990 - June, 1995	University of California, San Diego , La Jolla, California PhD in Experimental Psychology (Health and Social Psychology emphasis)
September, 1988 - May, 1990	Radford University , Radford, Virginia MA in General Psychology
September, 1982 - June, 1986	Swarthmore College , Swarthmore, Pennsylvania BA in Philosophy
September, 1984 - July, 1985	St. Edmund Hall, Oxford University , Oxford, England Visiting student in Philosophy

EMPLOYMENT BACKGROUND

September, 2012 - present	Graduate Program Director, Public Health Department of Public Health, Food Studies, and Nutrition, Falk College of Sport and Human Dynamics, Syracuse University
October, 2013 - present	Falk Family Endowed Professor of Public Health Department of Public Health, Food Studies, and Nutrition, Falk College of Sport and Human Dynamics, Syracuse University
September, 2012 - September, 2013	Professor Department of Public Health, Food Studies, and Nutrition, Falk College of Sport and Human Dynamics, Syracuse University
September, 2010 - May, 2012	Associate Professor Department of Public Health, Food Studies, and Nutrition, Falk College of Sport and Human Dynamics, Syracuse University
May, 2003 - August, 2010	Associate Professor Department of Psychology, State University of New York at Oswego
August, 1998 - April, 2003	Assistant Professor Department of Psychology, State University of New York at Oswego
January, 1997	Investigator

- July, 1998 University of Pittsburgh, Pittsburgh, Pennsylvania
Research on SES, race, and health (PI: Karen A. Matthews, Ph.D.)

- July, 1995 **Postdoctoral Fellow**
- July, 1998 University of Pittsburgh, Pittsburgh, Pennsylvania
Fellowship in the Cardiovascular Behavioral Medicine Research
Training Program at the University of Pittsburgh

- June, 1991 **Research Assistant**
- June, 1995 University of California, San Diego; La Jolla, California
Responsible for patient follow-up in a NIH funded study of "Psychological
Preparation and Coronary Bypass Recovery" (PI: James A. Kulik, Ph.D.)

- September, 1987 **Mental Health Worker**
- July, 1988 St. Mary's Hospital; Knoxville, Tennessee
Co-led therapeutic groups, provided 1:1 patient interaction and assessment,
and intervened in Emergency Room crisis situations.

- March, 1987 **Assistant Counselor**
- August, 1987 Oak Hill Center for Adolescents, St. Mary's Hospital; Knoxville, Tennessee
Co-led various therapeutic groups and implemented the program's philosophy
in an out-patient treatment facility.

- June, 1986 **Mental Health Worker**
- February, 1987 Payne-Whitney Clinic, New York Hospital/Cornell Medical Center; New York
Involved in the daily care, assessment, and treatment of patients in a 24-bed
acute care unit.

- Summers, 1982 **Laboratory Technician**
- 1984 Infectious Disease Unit, Department of Medicine, University of Vermont;
Burlington, Vermont
Antimicrobial chemotherapy research (see Jackson-York, Gump, & Gump, 1983).

CURRENT TEACHING PROFICIENCIES

Introduction to Epidemiology	Health Promotion
Introduction to Psychology	Introductory or Advanced Statistics
Health Psychology (class and online versions)	Behavioral Medicine
Research Methods/Experimental Psychology	Psychophysiology

EDITORIAL BOARD MEMBERSHIP

Journal: *Psychosomatic Medicine; Health Psychology, Conference Papers in Medicine:
Public Health section*

NIH COMMITTEE MEMBERSHIP

Committee: Health, Behavior, and Context Subcommittee, NICHD, 3-year term (9/2011-
6/2014)

AD HOC REVIEWER

Journals: *American Journal of Epidemiology, Annals of Behavioral Medicine, Archives of*

General Psychiatry, Basic and Applied Psychology, Chest, Circulation, Health Psychology, International Journal of Psychophysiology, Journal of Applied Social Psychology, Journal of Health and Social Behavior, Journal of Personality and Social Psychology, Journal of Psychosomatic Research, Journal of Women's Health and Gender-Based Medicine, Personality and Individual Differences, Personality and Social Psychology Bulletin, Psychological Bulletin, Psychosomatic Medicine, Sex Roles, and Social Science and Medicine.

Granting Agencies: NIEHS Superfund Basic Research Program, National Institute of Child Health and Disease (NICHD), The Stroke Association, Israel Science Foundation, Canadian Northern Contaminants Program

PUBLICATIONS (39)

- Jackson-York, G., Gump, B., & Gump, D. W. (1983). Activity of trimethoprim (TMP), sulphamethoxazole (SMX), and the combination against *Bacteroides fragilis* group isolates. *Journal of Antimicrobial Chemotherapy*, 12, 515-518.
- Gump, B. B., & Kulik, J. A. (1995). The effect of a model's HIV status on self-perceptions: A self-protective similarity bias. *Personality and Social Psychology Bulletin*, 21, 827-833.
- Moore, P. J., & Gump, B. B. (1995). Information integration in juror decision-making. *Journal of Applied Social Psychology*, 25, 2158-2179.
- Kulik, J. A., & Gump, B. B. (1997). Affective reactions to social comparison: The effects of relative performance and related attributes information about another person. *Personality and Social Psychology Bulletin*, 23, 452-468.
- Gump, B. B., & Kulik, J. A. (1997). Stress, affiliation, and emotional contagion. *Journal of Personality and Social Psychology*, 72, 305-319.
- Matthews, K. A., Gump, B. B., Block, D., & Allen, M. T. (1997). Does background stress heighten or dampen children's cardiovascular responses to acute stress? *Psychosomatic Medicine*, 59, 488-496.
- Gump, B. B., & Matthews, K. A. (1998). Vigilance and cardiovascular reactivity to subsequent stressors in men. *Health Psychology*, 17, 93-96.
- Gump, B. B., Kulik, J. A., & Henderson, G. R. (1998). Blaming the same-sex victim in HIV-prevention messages: Further examination of the self-protective similarity bias. *Basic and Applied Social Psychology*, 20, 123-132.
- Gump, B. B., & Matthews, K. A. (1999) Do background stressors influence reactivity to and recovery from acute stressors? *Journal of Applied Social Psychology*, 29, 469-494.
- Gump, B. B., Matthews, K. A., & Räikkönen, K. (1999) Modeling Relationships Among Socioeconomic Status, Hostility, Cardiovascular Reactivity, and Left Ventricular Mass in African-American and White Children. *Health Psychology*, 18, 140-150.
- Räikkönen, K., Matthews, K. A., Flory, J. D., Owens, J. F., & Gump, B. B. (1999) Effects of optimism, pessimism, and trait anxiety on ambulatory blood pressure and mood during everyday life. *Journal of Personality and Social Psychology*, 76, 104-113.
- Gump, B. B., & Matthews, K. A. (2000). Are vacations good for your health?: The 9 year mortality experience after the Multiple Risk Factor Intervention Trial. *Psychosomatic Medicine*, 62, 608-612.

- Gump, B. B., Matthews, K. A., Scheier, M. F., Schulz, R., Bridges, M. W., & Magovern, Sr., G. J. (2001). Illness representations according to age and effects on health behaviors following Coronary Artery Bypass graft surgery. *Journal of the American Geriatrics Society*, 49 (3), 284-289.
- Gump, B. B., Polk, D. E., Kamarck, T. W., & Shiffman, S. M. (2001). 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.
- Matthews, K. A., Gump, B. B., & Owens, J. (2001). Chronic stress influences cardiovascular and neuroendocrine responses during acute stress and recovery responses. *Health Psychology*, 20, 403-410.
- Matthews, K. A., & Gump, B. B. (2002). Chronic work stress and marital dissolution increased risk of post-trial mortality in the Multiple Risk Factor Intervention Trial. *Archives of Internal Medicine*, 162, 309-315.
- Gump, B. B., & Matthews, K. A. (2003). Special intervention reduces CVD mortality for adherent participants in the Multiple Risk Factor Intervention Trial. *Annals of Behavioral Medicine*, 26, 61-68.
- Stewart PW, Fitzgerald S, Reihman J, Gump BB, Lonky E, Darvill T, Pagano J, Hauser P (2003). Prenatal PCB exposure, the corpus callosum, and response inhibition. *Environ Health Perspectives*, 111(13), 1670-1670.
- Matthews, K. A., Gump, B. B., Harris, K. F., Haney, T. L., & Barefoot, J. C. (2004). Hostile behaviors predict cardiovascular mortality among men enrolled in Multiple Risk Factor Intervention Trial. *Circulation*, 109, 66-70.
- Gump, B. B., Matthews, K. A., Eberly, L. E., & Chang, Y. (2005). Depressive symptoms and mortality in men: Results from the Multiple Risk Factor Intervention Trial. *Stroke*, 36 (1), 98-102.
- Gump, B. B., Stewart, P., Reihman, J., Lonky, E., Darvill, T., Matthews, K. A., Parsons, P. J. (2005). Prenatal and early childhood blood lead levels and cardiovascular functioning in 9 ½ year old children. *Neurotoxicology and Teratology*, 27 (4), 655-665.
- Gump, B. B., Reihman J., Stewart P., Lonky E., & Darvill T. (2005). Terrorism and cardiovascular responses to acute stress in children. *Health Psychology*, 24:594-600.
- Stewart, P.W., Reihman, J., Gump, B., Lonky, E., Darvill, T., & Pagano, J. (2005). Response inhibition at 8 and 9 ½ years of age in children prenatally exposed to PCBs. *Neurotoxicology and Teratology*, 27: 771-780.
- Stewart, P., Sargent, D. M., Reihman J., Gump, B., Lonky, E., Darvill, T., Hicks, H., & Pagano, J. (2006). Response inhibition during Differential Reinforcement of Low Rates (DRL) schedules may be sensitive to low-level PCB, MeHg and Pb exposure in children. *Environ Health Perspective*, 114, 1923-1929.
- Gump B.B., Reihman J., Stewart P., Lonky E., Darvill T., & Matthews K.A.. (2007). Blood lead (Pb) levels: A potential environmental mechanism explaining the relation between socioeconomic status and cardiovascular reactivity in children. *Health Psychology*, 26, 296-304.
- Gump, B. B., Stewart, P., Reihman, J., Lonky, E., Darvill, T., Parsons, P. J., Granger, D. A. (2008). Low-level prenatal and postnatal blood lead (Pb) exposure and adrenocortical responses to acute stress in children. *Environ Health Perspective*, 116, 249-255.

- Stewart, P. W., Lonky, E., Reihman J., Pagano, J, Gump, B., and Darvill, T. (2008). The relationship between prenatal PCB exposure and intelligence (IQ) in 9-year-old children. *Environ Health Perspective (116)*, 1416-1422.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., Darvill, T., Granger, D. A. & Matthews, K. A. (2009). Trajectories of maternal depressive symptoms over their child's lifespan: Relation to adrenocortical, cardiovascular, and emotional functioning in children. *Development and Psychopathology*, 21, 207-225.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., Granger, D. A. & Matthews, K. A. (2009). Blood lead (Pb) levels: Further evidence for an environmental mechanism explaining the association between socioeconomic status and psychophysiological dysregulation in children. *Health Psychology*, 28, 614-620.
- MacKenzie, J. A., Roosa, K. A., Gump, B. B., Dumas, A. K., & Bendinskas, K. G. (2010). Plasma prekallikrein levels are positively associated with circulating lipid levels and the metabolic syndrome in children. *Applied Physiology, Nutrition, and Metabolism*, 35(4), 518-525.
- Birdsall, R. E., Kiley, M. P., Segu, Z. M., Palmer, C. D., Madera, M., Gump, B. B., MacKenzie, J. A., Parsons, P. J., Mechref, Y., Novotny, V., & Bendinskas, K. G. (2010). Effects of lead and mercury on the blood proteome of children. *Journal of Proteome Research*, 9, 4443-4453.
- Gump, B. B., MacKenzie, J. A., Bendinskas, K., Morgan, R., Dumas, A. K., Palmer, C. D., and Parsons, P. J. (2011). Low-level Pb and cardiovascular responses to acute stress in children: The role of cardiac autonomic regulation. *Neurotoxicology and Teratology*, 33, 212-219.
- Gump, B. B., Qian, W., Dumas, A. K., & Kannan, K. (2011). Perfluorochemical (PFC) exposure in children: Associations with impaired response inhibition. *Environmental Science & Technology*, 45, 8151-8159.
- Gump, B. B., MacKenzie, J. A., Dumas, A. K., Palmer, C. D., Parsons, P. J., Segu, Z. M., Mechref, Y. S., & Bendinskas, K. (2012). Fish consumption, low-level mercury, lipids, and inflammatory markers in children. *Environmental Research*, 112, 204-211.
- Wang, F., Chmil, C., Pierce, F., Ganapathy, K., Gump, B., MacKenzie, J., Metchref, Y., and Bendinskas, K. (2013). Immobilized metal affinity chromatography and human serum proteomics. *Journal of Chromatography B*, 934, 26-33.
- Spartano, N. L., Augustine, J. A., Lefferts, W. K., Hughes, W. E., Redmond, J. G., Martin, E. D., Kuvin, J. T., Gump, B. B., Heffernan, K. S. (2014) Arterial stiffness as a non-invasive tissue biomarker of cardiac target organ damage. *Current Biomarker Findings*, 4, 23-34.
- Gump, B. B., Yun, S., Kannan, K. (2014). Polybrominated diphenyl ether (PBDE) exposure in children: Possible associations with cardiovascular and psychological functions. *Environmental Research*, 132, 244-250.
- Gump, B. B., Gabrikova, E., Bendinskas, K., Dumas, A. K., Palmer, C. D., Parsons, P. J., and MacKenzie, J. A. (2014). Low-level mercury in children: Associations with sleep duration and cytokines TNF- α and IL-6. *Environmental Research*, 134, 228-232.
- Spartano, N. L., Augustine, J. A., Lefferts, W. K., Gump, B. B., and Heffernan, K. A. (2014) The relationship between carotid intima-media thickness and carotid blood pressure reactivity to mental stress. *Atherosclerosis*, 236, 227-229.
- Heffernan, K. S., Spartano, N. L., Augustine, J. A., Lefferts, W. K., Hughes, W. E., Mitchell, G. F.,

Jorgensen, R. S., & Gump, B. B. (in press). Carotid artery pressure and flow pulsatility during cognitive engagement in health adults: A pilot study. *American Journal of Hypertension*.

BOOK CHAPTER AND INVITED COMMENTARIES (5)

Gump, B. B. (2004). Multiple Risk Factor Intervention Trial. In N. B. Anderson (Ed), *Encyclopedia of Health and Behavior* (1st Edition, pp. 609-611). Thousand Oaks: Sage Publications.

Gump, B. B. (2008). Commentary on “ More severe symptoms of depression increase coronary heart disease mortality.” *Evidence-Based Mental Health, 11*, 56.

Gump, B. B., & Matthews, K. A. (in press). Stress and the development of atherosclerotic cardiovascular disease. In S. Waldstein, W. Kop, & L. Katzel (Eds.), *Cardiovascular Behavioral Medicine*. New York: Springer.

Gump, B. B. (in press). Toxicants and cardiovascular disease. In S. Waldstein, W. Kop, & L. Katzel (Eds.), *Cardiovascular Behavioral Medicine*. New York: Springer.

Gump, B. B. (2011). Commentary on “Effects of depressive symptoms and coronary heart disease and their interactive associations on mortality in middle-aged adults: the Whitehall II cohort study.” *Evidence-Based Mental Health*.

PRESENTATIONS (28)

Gump, B. B., Hall, D., & Morita, C. Parsimony in autobiographical memory organization. Presented at the annual meeting of the Southeastern Psychological Association, Atlanta, 1990.

Hall, D., Morita, C., & Gump, B. B. Mapping autobiographical memory. Presented at the annual meeting of the Southeastern Psychological Association, Atlanta, 1990.

Gump, B. B., & Ebbesen, E. Death Qualification and conviction proneness: A real effect or experimental artifact? Presented at the annual meeting of the Western Society of Criminology, San Diego, 1992.

Gump, B. B., & Kulik, J. A. Social comparison as a function of emotional versus situational similarity. Presented at the annual meeting of the American Psychological Association, Los Angeles, 1994.

Gump, B. B., Kulik, J. A., & Henderson, G. R. The effects of model similarity in HIV prevention messages. Presented at the annual meeting of the Society for Behavioral Medicine, San Diego, 1995.

Gump, B. B., & Kulik, J. A. "Blaming" the victim in HIV prevention messages: Mediation of the self-protective similarity bias. Presented at the annual meeting of the Society for Behavioral Medicine, Washington, D.C., 1996.

Gump, B. B., & Kulik, J. A. Facial expressions: The effect of partner expression and situational similarity. Presented at the annual meeting of the American Psychological Association, Toronto, Canada, 1996.

Flory, J. D., Gump, B. B., & Matthews, K. A. An interview method to assess hostile attributional style and behavior. Presented at the annual meeting of the American Psychological Association, Toronto, Canada, 1996.

Gump, B. B., Flory, J. D., & Matthews, K. A. Hostile attributions in ambiguous situations: Antecedents

- and consequences. Presented at the annual meeting of the American Psychological Association, Toronto, Canada, 1996.
- * Gump, B. B., Kamarck, T., Shiffman, S., et al. Marital satisfaction and cardiovascular reactivity: Looking within the home. Presented at the annual meeting of the Society for Behavioral Medicine, San Francisco, 1997.
 - * Gump, B. B., & Matthews, K.A. "Are Vacations Good for Your Health?: The 9 Year Mortality Experience After the Multiple Risk Factor Intervention Trial". Presented at the annual meeting of the American Psychosomatic Society, 2000.
- Gump, B. B., & Matthews, K. A. "Special intervention reduces CVD mortality for adherent participants in the Multiple Risk Factor Intervention Trial". Presented at the annual meeting of the American Psychosomatic Society, 2001.
- Morgan, W., Gump, B. B., & Gregg, V. "Rituals and adjustment to college". Presented at the annual meeting of the Eastern Psychological Association, 2001.
- Simpson, L., Gump, B. B., & Morey, M. "Self-reported trauma and cardiovascular response to stressful tasks". Presented at the annual meeting of the Eastern Psychological Association, 2001.
- Morey, T. M., Gump, B. B., & Simpson, L. "Past trauma and cardiovascular response to stressful tasks". Presented at the annual conference of the International Society for Traumatic Stress Studies, 2001.
- Morey, T. M., Gump, B. B., Schell, R., & Simpson, L. "Predicting post-stressful-event symptoms from patterns of cognitive appraisal, coping, and dissociation". Poster presented at the 73rd annual meeting of the Eastern Psychological Association, 2002.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., and Darvill, T. "Terrorism influences depression, vigilance, and cardiovascular responses during acute stress in children". Presented at the annual meeting of the American Psychosomatic Society, 2003.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., and Darvill, T. "Chronic Maternal Depression: Influences on their children's endocrine and cardiovascular responses to acute stress". Presented at the annual meeting of the American Psychosomatic Society, 2003.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., and Darvill, T. "Terrorism and cardiovascular responses during acute stress in children". Presented at the annual meeting of the American Psychosomatic Society, 2004.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., Darvill, T., and Matthews, K. A. "Blood lead (Pb) levels: A potential mechanism explaining the relation between socioeconomic status and cardiovascular reactivity in children". Presented at the annual meeting of the American Psychosomatic Society, 2006.
- Gump, B. B., Reihman, J., Stewart, P., Lonky, E., Parsons, P. J., and Granger, D. A. "Blood lead (Pb) levels: Further evidence for an environmental mechanism explaining the association between socioeconomic status and psychophysiological dysregulation in children". Presented at the annual meeting of the American Psychosomatic Society, 2008, as part of Symposium entitled "From socioeconomic status to health: Novel genetic, neural, environmental, and sleep-related pathways" organized by Brooks B. Gump, PhD.
- Gump, B. B., Birdsall, R., Bendinskas, K., and MacKenzie, J. A. "A negative association between socioeconomic status (SES) and blood cadmium (Cd) in children: Exploring potential risks for future ill health using proteomics". Presented at the annual meeting of the American

- Psychosomatic Society, 2008.
- Birdsall, R., Bendinskas, K., MacKenzie, J.A., Gump, B.B. "Proteomic study of lead and mercury exposure in children". Presented at the annual national meeting of the American Chemical Society, 2008.
- Gump, B. B. "Combined effects of lead and stress in children: Translational studies". Invited speaker in symposium "Development and Metals" at annual meeting of the International Neurotoxicology Conference, 2008.
- Birdsall, R., MacKenzie, J. A., Gump, B. B, Bendinskas, K. "Proteomic study of lead and mercury exposure in children". Sigma Xi Northeast Regional Conference, 2009.
- MacKenzie, J. A., Gump, B. B., Roosa, K., Bendinskas, K., Dumas, A., Morgan, R. and Parsons, P. "Lead Exposure and Cardiovascular Dysregulation in Children". The American Physiological Society, New Orleans, LA, 2009.
- Gump, B. B., Qian, W., Dumas, A. K., and Kannan, K. "Associations with impaired response inhibition and risky behavior". Presented at the annual meeting of the American Psychosomatic Society, 2011.
- Gump, B. B., Bendinskas, K., Dumas, A. K., Palmer, C. D., Parsons, P. J., Mechref, Y., Segu, Z. M., and MacKenzie, J. A. "The costs and benefits of children eating fish: Lipids, Mercury, and Health". Presented at the annual meeting of the American Psychosomatic Society, 2011.
- Gump, B. B., Dumouchel, C., Schmitt, E., Main, R., Delsing, A., Yoruk, Y. S., Castro, I. Webster, B., Penala, R., Bergen-Cico, D., Glatt, S., Dykas, M., and Wolford, K. "Training Veterans to Conduct Research with Fellow Veterans as Part of a NSF "Research Education for Undergraduates" (REU) Site: Lessons Learned". Presented at the annual meeting of the Eastern Psychological Association Annual Meeting, 2013.
- Schmitt, E., and Gump, B. B. "Relationship of parental depression to a particular component of children's depressive symptoms". Presented at the annual meeting of the Eastern Psychological Association Annual Meeting, 2013.
- Gump, B. B., and Matthews, K. A. "The importance of immobility: Cardiovascular disease risk factors associated with rests measured using a novel application of actigraphy data". Presented at the annual meeting of the American Psychosomatic Society, 2013.
- Stoehr, A., Sandles, O., and Gump, B. B. "Hostility in children and parents: A potential mechanism for the transmission of CVD risk from parents to children". Presented at the annual meeting of the American Psychosomatic Society, 2014.
- Gump, B. B., Wolford, K., Bergen-Cico, D., Dykas, M., Glatt S., Reihman, J., Delsing, A., Medina, R., Wolf-Stanton. S., Hachmeister, I. "Mindfulness Based Stress Reduction (MBSR) Adapted for Veterans", accepted for presentation at Eastern Psychological Association's annual meeting, 2015.
- Wolf-Stanton, S., Gump, B. B., Ewart, C. K., Hachmeister, I. "Physiological Reactivity in Child Populations Currently Experiencing Environmental Trauma", accepted for presentation at Eastern Psychological Association's annual meeting, 2015.
- Bergen-Cico, D. Gump, B. B., Wolford, K., Dykas, M., Glatt, S., Reihman, J., Alford, K., Delsing, A., Cisson, K., Hachmeister, I., Medina, R., Preuss, C., Wolf-Stanton, S., Callahan, C., "Dogs2Vets", accepted for presentation at Eastern Psychological Association's annual meeting, 2015.
- Delsing, A., Wolford, K., Gump, B. B., Bernard, D. "ICorps Mobile App for Stress Reduction",

accepted for presentation at Eastern Psychological Association's annual meeting, 2015.

Lafont, S. R., Gump, B. B., Ewart, C. K., "Implicit Agonistic Striving in Both Child and Parent Is Associated With Increased Hypertension Risk in the Child", accepted for presentation at American Psychosomatic Society's annual meeting, 2015.

Schwartz, N. M., Zajdel, M. E., Ewart, C. K., Gump, B. B. "Caregiver perception of the urban environment and somatic complaints in children", accepted for presentation at American Psychosomatic Society's annual meeting, 2015.

* Citation Papers.

GRANTS AND AWARDS

- Principal Investigator: R01 Grant, Public Health Service (NIEHS), "Environmental Toxicants, Race, and Cardiovascular Disease Risk in Children"; Awarded \$1,809,340 for 2/13 – 10/16.
- Principal Investigator and Program Director; NSF Research Education for Undergraduates (REU) program ("Training Veterans to Conduct Trauma Research with Fellow Veterans"), Awarded \$228,750 for 7/1/2011 – 6/30/2013; Awarded \$285,678 for 4/1/2014 - 3/21/2016
- Falk College "Faculty of the Year in Research"; 2012-2013.
- Principal Investigator: Administrative Supplement to R15 Grant funded through American Reinvestment and Recovery Act (ARRA), Awarded \$96,895 for 5/09-5/11.
- Principal Investigator: R15 Grant, Public Health Service (NIEHS), "Lead and Vascular Reactivity to Acute Stress in Children"; Awarded \$205,741 for 5/07 – 5/10.
- SUNY Scholarly and Creative Activities Grant, Awarded: \$3,000 for Fall, 2009.
- President's Award for Scholarly and Creative Activity or Research, 2008.
- SUNY Scholarly and Creative Activities Grant, Awarded: \$3,000 for Fall, 2006.
- Provost's Award for Creative and Scholarly Activity or Research, 2002.
- *Who's Who Among America's Teachers, Who's Who Who's Who in Medicine and Healthcare, Who's Who in Science and Engineering*, 2002-present
- Pediatric Loan Repayment Program (NIH), 9/03 – 5/07; Awarded approximately \$40,000 in student loan payments.
- Grant from Oswego Joint Labor/Management Committee for Professional Development and Quality of Work Life - \$250
- President's Award for Excellence in Academic Advisement, 2001.
- Principal Investigator: RO1 Grant, Public Health Service (NIEHS), "Prenatal PCB Exposure and Acute Stress Reactivity"; Awarded \$636,889 for 9/00 – 9/04.
- Principal Investigator: CISCA Incentive Grant, SUNY Oswego; "The Effect of Lake Ontario Fish Consumption on Cardiovascular Responses to Acute Stress in Rats and Humans"; Awarded \$2,400, July, 2000 – August, 2000.
- Co-Principal Investigator: New York Community Trust Grant; "Prenatal Exposure to PCBs: Possible Links to Abnormal Brain Development and ADHD; Awarded \$168,314 for 10/99 – 10/01 (awarded no-cost extension).
- Co-Investigator on grant "Do hostility and stress predict CV mortality in MRFIT" (P.I.: Karen A. Matthews, Ph.D.). Awarded \$376,716 for 10/98 – 2/01.
- SUNY Oswego CISCA Award to study "PCB-induced Maternal Hypertension", June, 2000-August, 2000.
- SUNY Oswego CISCA Award to study "PCB-induced Hypertension", February, 1999-February, 2000.
- SUNY Oswego Faculty Enhancement Award to study "Prenatal PCB Exposure and Acute Stress Reactivity", Spring, 1999.
- Honorable Mention in the 1996 Psi Chi/APA Edwin B. Newman Graduate Research

Award competition for paper by Gump and Kulik (1995).

- Teaching Assistant Training and Development Award, University of California, San Diego. 1993 and 1994.
- Gump, L., & Gump, B. Gender differences in the formation of moral judgments. Research grant funded by the Women's Research Institute, Virginia Polytechnic Institute and State University. May, 1989 to May, 1990.