

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Elizabeth Goodman		POSITION TITLE Director, Child and Adolescent Obesity: Professor of Pediatrics, Public Health, & Nutrition	
eRA COMMONS USER NAME goodmanpi			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Harvard University, Boston MA	A.B.	1980-84	Biology
Columbia University, New York NY	M.D.	1984-88	Medicine

Professional Positions:

- 1988 - 1991 Intern and Resident in Pediatrics, The Children's Hospital, Boston, MA.
- 1991 - 1992 Robert Wood Johnson Clinical Scholar, University of California, San Francisco, CA.
- 1993 - 1994 Post-doctoral Fellow, Joint Program in Society and Health, New England Medical Center and the Harvard School of Public Health, Boston, MA.
- 1993 - 1994 Adolescent Medicine Fellow, The Children's Hospital, Boston, MA.
- 1993 - 1994 Research Associate, Dept of Health & Social Behavior, Harvard School of Public Health, Boston, MA.
- 1995 - 1998 Instructor in Pediatrics, Harvard Medical School, Boston, MA
- 1998 - 1999 Assistant Professor of Pediatrics, Harvard Medical School, Boston, MA
- 1998 - 1999 Director of Research Training, Div. of Adolescent Medicine, Children's Hospital, Boston, MA.
- 1999 - 2000 Director of Research, Div. of Adolescent Med., Cincinnati Children's Hospital Cincinnati, OH.
- 1999 - 2002 Associate Professor of Pediatrics, Children's Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, OH.
- 2002 - Lecturer, Department of Pediatrics, Harvard Medical School, Boston, MA.
- 2002 -2006 Professor of Child and Adolescent Health, Heller School of Social Policy and Management, Brandeis University, Waltham, MA.
- 2002 -2006 Director of Child and Adolescent Health Research, Heller School for Social Policy and Management, Brandeis University, Waltham, MA.
- 2004 - 2006 Professor and Associate Chair, Health: Science, Society, and Policy Program, College of Arts and Sciences, Brandeis University, Waltham, MA.
- 2007- Adjunct Professor, Heller School of Social Policy and Management, Brandeis University, Waltham, MA.
- 2007- Director, Child and Adolescent Obesity Program, Tufts Medical Center and the Floating Hospital for Children, Boston, MA.
- 2007- Professor of Pediatrics and Public Health, Tufts University School of Medicine, Boston, MA.
- 2008- Professor of Nutrition, Friedman School of Nutrition Science and Policy, Tufts Univ, Boston, MA.
- 2009- Associate Division Chief for Research, Division of General Pediatrics and Adolescent Medicine, Floating Hospital for Children at Tufts Medical Center, Boston, MA

Awards and Other Professional Activities:

- 1998 Children's Hospital Research Scholar Program Award
- 1999 Ortho Pharmaceutical Scholar in Women's Health Care Award
- 1999 Finalist, New Investigator Award, Society for Adolescent Medicine
- 1999 Elected member, Society for Pediatric Research
- 2001-2006 William T. Grant Foundation Faculty Scholar's Award
- 2002- 2008 Member, Massachusetts Chapter of the AAP Committee on Adolescence
- 2002- Member, Massachusetts Chapter of the AAP Committee on Obesity

2008- Chair, MCAAP Obesity Committee

2004- Network Associate, MacArthur Network on Socioeconomic Status and Health

2005-2008 Chair, Standing Committee on Research, Society for Adolescent Medicine

2008 Member, Statewide Obesity Task Force

2008 - Appointed member, Massachusetts Wellness Promotion Advisory Board

2008 - Boston Obesity Nutrition Research Center, Member Clinical and Community Core

Selected Publications: (From 82 total original reports)

1. Goodman E. The role of socioeconomic status gradients in explaining differences in U.S. adolescents' health. Am J Public Health, 1999; 89:1522-1528.
2. Goodman E, Hinden, BR, Khandelwal, S. Accuracy of teen and parental reports of obesity and body mass index. Pediatrics 2000; 106(1):52-58.
3. Goodman E, Amick BC, Rezendes MO, Levine S, Kagan J, Rogers WH, Tarlov AR. Adolescents' understanding of social class: A comparison of White upper middle class and working class youth. J Adolesc Health 2000; 27:80-83.
4. Goodman E, Capitman J. Depressive symptoms and cigarette smoking among teens. Pediatrics 2000;106;748-755.
5. Goodman, E, Adler, NE, Kawachi, I, Frazier, AL, Huang, B, and Colditz, GA. Adolescents' Perceptions of Social Status: Development and Evaluation of a New Indicator. Pediatrics, 2001;108. URL: <http://www.pediatrics.org/cgi/content/full/108/2/e31>.
6. Goodman E, Huang B. Socioeconomic Status, Depression, and Health Service Utilization Among Adolescent Women, Women's Health Issues, 2001;11;416-426.
7. Goodman, E and Huang, B. Socioeconomic status, depressive symptoms, and adolescent substance use. Arch Pediatr Adolesc Med, 2002;156:448-453.
8. Goodman, E and Whitaker, RC. A Prospective Study of the Role of Depression in the Development and Persistence of Adolescent Obesity. Pediatrics, 2002;109:497-504.
9. Goodman, E, Adler, NE, Daniels, SR, Slap, GB, Morrison, J, Dolan, LM. Impact of objective and subjective social status on obesity in a biracial cohort of adolescents. Obes, Research, 2003;11:1018-1026.
10. Goodman E, Huang B, Wade TJ, Kahn RS: A multilevel analysis of the relation of socioeconomic status to adolescent depressive symptoms: does school context matter? J Pediatr, 2003 143:451-456.
11. Goodman, E, Slap, GB, and Huang, B. Quantifying the Public Health Impact of Socioeconomic Status on Adolescent Depression and Obesity, Am J Public Health, 2003; 93:1844-1850.
12. Goodman E, Daniels S, Morrison J, Huang B, Dolan L: Metabolic Syndrome in Adolescents: A Comparison of the WHO and NCEP Definitions. J Pediatr, 2004: 145;445-451.
13. Goodman E, McEwen BS, Huang B, Dolan LM, Adler NE. Social inequalities in biomarkers of cardiovascular risk in adolescence. Psychosom Med 2005; 67:9-15.
14. Goodman E, Dolan LM, Morrison JA, Daniels SR. Factor Analysis of Clustered Cardiovascular Risks in Adolescence: Obesity is the Predominant Correlate of Risk Among Youth. Circulation, 2005, 111:1970-77.
15. Dolan LM, Bean J, D'Alessio D, Cohen RM, Morrison JA, Goodman E, Daniels SR. The frequency of abnormal carbohydrate metabolism and diabetes in a population based screening of adolescents. J Pediatr. 2005;146(6):751-758.
16. Godoy, R, Goodman, E, Levins, R, and Leonard, W.R. Anthropomorphic variability in the USA 1971-1994. Annals of Human Biology, 2005;32(4):469-486.
17. Goodman, E, McEwen, BS, Dolan, LM, Schafer-Kalkhoff, T, and Adler, NE. Social Disadvantage and Adolescent Stress, J Adolesc Health, 2005; 37:484- 492.
18. Martin, LJ, Woo, JG, Daniels, SR, Goodman, E, Dolan, LM. The Relationships of Adiponectin with Insulin and Lipids are Strengthened with Increasing Adiposity, J Clin Endocrinol Metab, 2005;90(7):4255-4259.
19. Woo JG, Dolan LM, Daniels SR, Goodman E, Martin LJ. Adolescent Sex Differences in Adiponectin Are Conditional on Pubertal Development and Adiposity. Obes Res 2005;13(12):2095-101.

20. Finkelstein, DM, Kubzansky, LD, and Goodman, E. Social status, stress, and adolescent smoking. J Adolesc Health, 2006; 39:678-685.
21. Goodman, E, Dolan, LM, and Daniels, SR. Socioeconomic Disparities in Insulin Resistance: Results from the Princeton School District Study. Psychosom Med 2007;69:61-67.
22. Finkelstein, DM, Kubzansky, LD, Capitman, JA, and Goodman, E. Socioeconomic Differences in Adolescent Stress: The Role of Psychological Resources. J Adolesc Health, 2007;40:127-134.
23. Goodman, E, Daniels, SR, Meigs, JB, and Dolan, LM. Instability in the diagnosis of metabolic syndrome in adolescents. Circulation, April 9, 2007 2007:CIRCULATIONAHA.106.669994.
24. Crimins, NA, Dolan, DM, Martin, LJ, Bean, JA, Daniels, SR, Lawson, L, Goodman, E, and Woo, JG. Stability of Adolescent Body Mass Index during Three Years of Follow Up. J Pediatr, 2007;151:383-387.
25. Goodman, E, Huang, B, Schafer-Kalkhoff, T, and Adler, NE. Perceived Socioeconomic Status: A New Type of Identity which Influences Adolescents' Self Rated Health, J Adolesc Health, 2007;41:479-487.
26. Lemeshow, AR, Fisher, L, Goodman, E, Kawachi, I, Colditz, G. Longitudinal study of Subjective Social Status and Weight change in Female Adolescents, Arch Pediatr Adolesc Med, 2008; 162:23-28.
27. Woo, JG, Dolan, LM, Morrow, AM, Geraghty, SR, and Goodman, E. Breastfeeding Helps Explain Racial and Socioeconomic Status Disparities in Adolescent Adiposity. Pediatrics, 2008;121(3):e458-465.
28. Godoy, R, Goodman, E, Reyes-Garcia, V, Eisenberg, Leonard, W, Huanca, T, McDade, TW, Tanner, S, Jha, N. Rain, Temperature, and Child-Adolescent Height among Native Amazonians in Bolivia. Annals of Human Biology,2008;35: 276-93.
29. Goodman, E, Graham, TE, Dolan, LM, Daniels, SR, Goodman, ER, and Kahn, BB. The Relationship of Retinol Binding Protein 4 to Changes in Insulin Resistance and Cardiometabolic Risk in Overweight Black Adolescents. J Pediatr,2008;154:68-73.
30. Bethell C, Read D, Goodman E, Johnson J, Besl J, Cooper J, Simpson, LA. Consistently Inconsistent: A Snapshot of Across and Within State Disparities in the Prevalence of Childhood Overweight and Obesity. Pediatrics, in press.
31. Goodman, E, Li, C, Tu, Y-K, Ford, E, Sun, S, Huang, T. Stability of the Factor Structure of the Metabolic Syndrome across Pubertal Development: Confirmatory Factor Analyses of Three Alternative Models. J Pediatr, In press.
32. Li, C, Tu, Y-K, Ford, E, Sun, S, Huang, T, Goodman, E. Patterns of Change in Cardiometabolic Risk Factors Associated with the Metabolic Syndrome Among Children and Adolescents: the Fels Longitudinal Study. J Pediatr, In press.

Research Support:

Ongoing

Goodman (PI) Bingham Trust "Adolescent Obesity Outreach and Treatment Program" This award supports development and implementation of a new adolescent obesity prevention, research and treatment center at Tufts-New England Medical Center and the Floating Hospital for Children.	1/07 – 12/11
R01-HD41527 Goodman (PI) NIH/NICHD "Understanding Social Status' Impact on Adolescent Health" The objective of this project is to determine how both objective and subjective measures of social status create health differentials in adolescent obesity, insulin resistance, and cardiovascular disease risk biomarkers.	2/1/02 - 1/31/12
American Heart Association Sacheck (PI) Scientist Development Award Role: Co-investigator/mentor	07/01/08-06/3/11

Program Director/Principal Investigator (Last, First, Middle):

This career development award to Dr. Sacheck provides support for development of her clinical/epidemiological research career.

P30 DK46200 Corkey (PI) 03/31/07- 2/28/12
NIH

Boston Obesity Nutrition Research Center Clinical and Community Research Core
Role : Co-investigator

This core, directed by Aviva Must, PhD serves the obesity researchers in the greater Boston area who study humans in clinical, laboratory and community settings.

R01OH003915 (Fleming, PI) 09/01/08 – 08/31/12
NIH/NIOSH

“Surveillance of Mortality and Morbidity in US Workers”
Role: Consultant

This study, to explore issues of health disparities among US workers using data derived from the National Health Interview Survey (NHIS), augmented by newly released NHIS data, the NLSY and AddHealth.

1R01HD057841 (Economos, PI) 9/30/08-6/30/12
NIH/NICHD

“Assessing and Preventing Obesity Among New Immigrants”
Role: Consultant

This CBPR project aims to decrease obesity risk among 435 mother/child dyads in immigrant families in Somerville, MA.

Completed in the past three years

Career Development Award Martin (PI) 7/03 - 6/08
American Diabetes Association

“The metabolic syndrome: the role of plasma adiponectin and common genetic polymorphisms in adolescents”

Role: Collaborator

The objective of this project is to determine how adiponectin, phenotypically and genotypically, covaries with measures of metabolic function in adolescents. The project will examine how adiponectin changes over time in adolescence and determine the role of adiponectin in the clustering of the metabolic syndrome.

2151 Goodman (PI) 7/01 – 12/07
William T. Grant Foundation

"Understanding the Sociobiologic Translation: Subjective Social Standing in Adolescents"

The objective of this project is to study the developmental trajectory of subjective social status using a newly derived scale and determine the associations between subjective social status and measures of adolescent health.

2151--Supplement Goodman (PI) 6/05 - 6/07
William T. Grant Foundation

" Minority Supplement to the William T. Grant Foundation Scholars Award "

The objective of this project is to support William T. Grant Foundation Scholars' mentorship of junior researchers of color. This award will facilitate Benita Jackson, PhD's career development, research experiences, and mentorship from Dr. Goodman in relation to studies of psychobiological factors related to the development of cardiovascular disease, obesity, insulin resistance and related health outcomes.

K07-GM072885 Goodman (PI) 9/04- 12/06
NIH/NIGMS

“Health: Science Society, and Policy”

The objective of this project is develop courses, expand internships for students, and create a team-taught capstone seminar for undergraduate seniors majoring in Health: Science Society, and Policy, a new Interdepartmental Program at Brandeis University which teaches students about the complex interplay between the biological, social, economic, and political determinants of health.