

CURRICULUM VITAE

YOUFA WANG, M.D., M.S., Ph.D.

PERSONAL DATA

Office address

Center for Human Nutrition, Room E2546
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EDUCATION AND TRAINING

- Ph.D. 2001, University of North Carolina at Chapel Hill, School of Public Health; Predoctoral trainee of Carolina Population Center (Field: Nutritional Epidemiology)
- Ph.D. program 1995-96, Department of Laboratory Medicine and Pathology, University of Alberta, Canada (Field: Pathology)
- M.S. 1995, Chinese Academy of Medical Sciences & Peking Union Medical College (Field: Epidemiology)
- M.D. 1992, Beijing Medical University (now merged with Peking University).

PROFESSIONAL EXPERIENCE

- 2007-present Associate Professor, Center for Human Nutrition, Department of International Health, Department of Epidemiology (joint appointment), Bloomberg School of Public Health, Johns Hopkins University
- 2009-present Adjunct Professor, School of Public Health, Peking University
- 2009-present Adjunct Professor, School of Medicine, Xi'an Jiaotong University
- 2005-2007 Assistant Professor, Center for Human Nutrition, Department of International Health, Department of Epidemiology (joint appointment), Bloomberg School of Public Health, Johns Hopkins University
- 2001-2005 Assistant Professor, Department of Human Nutrition, University of Illinois at Chicago (UIC)
- 2001-2005 Adjunct Assistant Professor, Division of Epidemiology and Biostatistics, UIC
- 2002 June-August, Visiting Scholar, School of Public Health, Harvard University
- 2002-2005 Assistant Professor (joint appointment), Division of Nutritional Sciences, University of Illinois at Urbana-Champaign (UIUC)

PROFESSIONAL ACTIVITIES

Society Membership and Leadership

- Chair Elect, Nutrition Epidemiology Section, American Society for Nutrition (ASN) (2009-)

- Vice Secretary General, The Society of Chinese American Professors and Scientists (2003-2004)
- Member, American Society for Nutritional Sciences (1997-)
- Member, Society for International Nutrition Research (1997-)
- Member and assisted review abstracts submitted to annual meetings since 2005, North American Association for the Study of Obesity (1999-)
- Member, International Association for the Study of Obesity (1999-)
- Member, American Statistical Association (2000-2002)
- Member, American Public Health Association (2000-2002)
- Member, American Diabetes Association (2001-2003)
- Member, Society for Epidemiologic Research (1999-2003)

Participation on Advisory/Review Panels/Committees

Domestic:

- 2009, Grant Review Panel, the Centers for Disease Control and Prevention (CDC) Special Emphasis Panel (SEP)
- 2009, NIH Grant Review Committee, NIH-Support Centers for Population Health and Health Disparities (CPHHD)
- 2009, NIH Grant Review Committee, NHLBI ARRA (American Recovery and Reinvestment Act) Health Disparities Grants
- 2009, NIH Grant Review Committee, NICHD ARRA (American Recovery and Reinvestment Act) Challenge Grants
- 2009, Panelist, Institute of Medicine's Committee on Preventing the Global Epidemic of Cardiovascular Disease: Meeting the Challenges in Developing Countries, April 13-14, 2009, Washington, DC
- 2009, Panelist, Health Affairs Childhood Obesity Thematic Issue Planning Committee
- 2008, Review Panel, the Centers for Disease Control and Prevention (CDC), "Health Promotion and Disease Prevention Research Centers (PRCs)"
- 2008-, Maryland State Advisory Council on Physical Fitness
- 2008-, Expert advisor, Childhood Obesity Committee, Council on Heart Disease and Stroke, Family Health Administration, Office of Chronic Disease Prevention, Maryland Department of Health and Mental Hygiene
- 2008, NIH Grant Review Committee, Special Emphasis Panel review on "Translational Research for the Prevention and Control of Diabetes," National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
- 2008, NIH Grant Review Committee, Risk, Prevention and Health Behavior Integrated Review Group, Center for Scientific Review
- 2008, Grant Review Committee, CDC Public Health Research Dissertation Awards, The Centers for Disease Control and Prevention (CDC)
- 2007, NIH Grant Review Committee, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), RFA for Clinical Nutrition Research Unit Core Centers
- 2007, NIH Grant Review Committee, Risk, Prevention, & Health Behavior Integrated Review Group, Center for Scientific Review
- 2007-, Advisory Board, National Childhood Obesity Foundation
- 2007-, Review Committee, Pennsylvania Department of Health, Commonwealth Universal Research

- Enhancement Program Interim Performance Review
- 2007, Reviewer, American Heart Association (AHA) scientific statement, "Population Based Prevention of Obesity: Comprehensive Promotion of Healthful Eating, Physical Activity, and Energy Balance"
- 2006, NIH Grant Review Committee, Psychosocial Risk & Disease Prevention (PRDP) Study Section, Center for Scientific Review
- 2005, NIH Grant Review Committee, Health of the Population (HOP), Center for Scientific Review
- 2005, NIH Grant Review Committee, National Institute of Child Health and Human Development (NICHD)
- 2005-07, NIH Loan Repayment Program Reviewer, National Center on Minority Health and Health Disparities
- 2005-06, Abstract Reviewer, North American Association for the Study of Obesity (NAASO) Annual Meetings
- 2004, Nominator, The MacArthur Fellows Program, John D and Catherine T MacArthur Foundation
- 2003, NIH P01 Grant Review Committee, National Institute of Environmental Health Sciences/NIH
- 2003, American Medical Association Working Group on Managing Childhood Obesity, Chicago
- 2003-04, Scientific Advisory Board, UIC Health Research and Policy Centers
- 2003, Reviewer, The MacArthur Fellows Program, John D and Catherine T MacArthur Foundation

International:

- 2009, Chair, Symposia, "Obesity and Related Economic Issues" in The 7th World Congress on Health Economics, Beijing, China, July 12-15, 2009.
- 2009, Panelist, Healthy China 2020 - Westlake Forum, Hangzhou, China, Feb 8-11, 2009.
- 2005-, Member, International Union of Nutritional Sciences (IUNS) Task-Force on Diet, Nutrition and Long-term Health for the Quadrennium 2005-2009.
- 2004-, Expert Committee, to help develop a new International Growth Reference for Children and Adolescents, United Nations University Food and Nutrition Program in collaboration with FAO and WHO
- 2006-, Grant Reviewer, Research Fund for the Control of Infectious Disease (RFCID) and the Health and Health Services Research Fund (HHSRF). Health, Welfare and Food Bureau (HWFB) of the Hong Kong SAR Government
- 2006, United Nations (UN) Consultant, invited to help write The 2007 UN World Youth Report, working with the Division for Social Policy and Development of the UN Department of Economic and Social Affairs
- 2005, Member, International Union of Nutritional Sciences (IUNS) Long Term Health Task Force. Facilitate analysis of US-based experts' evaluation of WHO reports, "Joint WHO/FAO Expert Report on Diet, Exercise, and the Prevention of Chronic Disease", "Global Strategy on Diet, Physical Activity and Health"
- 2005, Grant Reviewer, National Prevention Research Initiative, Medical Research Council, United Kingdom
- 2004, Scientific Committee, International Symposium--Childhood Obesity: From Basic Knowledge to Effective Prevention, and 14th Workshop European Childhood Obesity Group, Sept 23-25, Zaragoza, Spain
- 2003, External Grant Proposal Referee, The Netherlands Organisation for Health Research and Development, The Netherlands Organisation for Scientific Research

- 2002-, Expert Committee, The International Obesity Task Force Childhood Obesity Programme
(assisted the development of a childhood obesity report to the WHO)
2002-, Working Group on Childhood Obesity, Asia-Oceania Association for the Study of Obesity

EDITORIAL ACTIVITIES

Editorial Board

- 2009, Associate Editor, BMC Public Health
2009, Journal of Obesity
2008, International Journal of Environmental Research and Public Health

Manuscript Reviewer:

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| American Journal of Clinical Nutrition | Journal of Food Composition and Analysis |
| American Journal of Hypertension | JAMA (Journal of American Medical Association) |
| American Journal of the Medical Sciences | Journal of Nutrition |
| American Journal of Preventive Medicine | Journal of Pediatrics |
| Bulletin of the World Health Organization | Journal of the Royal Society of Health |
| Contemporary Economic Policy | Journal of School Health |
| European Journal of Clinical Nutrition | Lancet |
| European Journal of Epidemiology | Obesity (Research) |
| Food and Nutrition Bulletin | Obesity Review |
| Future Lipidology | Pediatrics |
| International Journal of Obesity | Preventive Medicine |
| International Journal of Pediatric Obesity | Public Health Nutrition |
| Journal of Epidemiology and Community Health | Public Health Reports |
| | Social Science and Medicine |

AWARDS AND HONORS

- 2005, The Dannon Institute's Nutrition Leadership Institute
2005, American Society for Nutritional Sciences (ASNS) Travel Award (in connection with the 18th International Congress of Nutrition, Durban, South Africa, Sept 19-23)
2004, University of Illinois General Clinical Research Center (GCRC) Annual Travel Award
2001-, Delta Omega Honorary Society in Public Health
2001, American Society for Nutritional Sciences (ASNS) Travel Award (in connection with the 17th International Congress of Nutrition, Vienna, August 27-31)
2000, Chunhui Award, Chinese Ministry of Education
1996-2000, Carolina Population Center Predoctoral Traineeship (funding source: Fogarty International Center, National Institutes of Health (NIH)), UNC

PUBLICATIONS

Peer-reviewed Journal Articles (*first author is a student or fellow)

1. **Wang Y.** Latent risk factors for the spread of AIDS/HIV infection among homosexual groups in China. *Chinese Journal of Social Medicine*. 55: 30-1, 1994.
2. **Wang Y, Wang Q.** Enhancing medical students' understanding of AIDS. *Chinese Medical Education*. 4: 27-9, 1994.
3. **Wang Y.** The AIDS epidemic in European countries. *Foreign Medical Sciences: Epidemiology and Infectious Disease*. 21(3): 122-3, 1994.
4. **Wang Y.** Approaches must be adopted to prevent the spread of AIDS and STDs. *Chinese Journal of Social Medicine*. 57: 2-3, 1995.
5. **Wang Y, Wang Q.** Hospitals face the challenge of AIDS in African countries. *Foreign Medical Sciences: Hospital Administration*. 12:8-11, 1995.
6. **Wang Y, Popkin BM, Zhai F.** The nutritional status and dietary pattern of Chinese adolescents, 1991 and 1993. *European Journal of Clinical Nutrition*. 52: 908-16, 1998.
7. **Wang Y, Ge K, Popkin BM.** Tracking of body mass index from childhood to adolescence: a 6-year follow-up study in China. *American Journal of Clinical Nutrition*. 72:1018-24, 2000.
8. Stookey JD, **Wang Y, Ge K, Lin H, Popkin BM.** Measuring diet quality in China: the INFH-UNC-CH diet quality index. *European Journal of Clinical Nutrition*. 54:811-21, 2000.
9. Du S, Zhai F, **Wang Y, Popkin B.** Current methods for estimating dietary iron bioavailability do not work in China. *Journal of Nutrition*. 130:193-8, 2000.
10. **Wang Y.** Cross-national comparison of childhood obesity: the epidemic and the relationships between obesity and socioeconomic status. *International Journal of Epidemiology*. 30:1129-36, 2001.
11. **Wang Y, Adair L.** How does maturity adjustment influence the estimates of obesity prevalence in adolescents from different countries using an international reference? *International Journal of Obesity*. 25: 550-8, 2001.
12. **Wang Y.** Is obesity associated with early sexual maturation? A comparison of the association in American boys verse girls. *Pediatrics* 110:903-910, 2002.
13. **Wang Y, Wang JQ.** A comparison of different international references for the assessment of child and adolescent overweight and obesity in different populations. *European Journal of Clinical Nutrition* 56:973-982, 2002.

14. **Wang Y**, Monteiro C, Popkin BM. Trends of obesity and underweight in older children and adolescents in the United States, Brazil, China and Russia. *American Journal of Clinical Nutrition* 75:971-7, 2002.
15. **Wang Y**, Bentley M, Zhai F, Popkin BM. Tracking of dietary intake patterns of Chinese from childhood into adolescence over a six-year follow-up period. *Journal of Nutrition* 132: 430-438, 2002.
16. **Wang Y**, Wang X. How do statistical properties influence findings of tracking (maintenance) in epidemiologic studies? *European Journal of Epidemiology* 18:1037-45, 2003.
17. **Wang Y**, Ge K, Popkin BM. The dynamics of childhood obesity: Why do some obese children remain obese, but others do not? *Public Health Nutrition* 6:549-58, 2003.
18. **Wang Y**, Wang QJ. The Prevalence of Prehypertension and Hypertension among U.S. Adults According to the New Joint National Committee Guidelines: New Challenges of the Old Problem. *Archives of Internal Medicine* 164:2126-2134, 2004.
19. Zhang Q, **Wang Y**. Socioeconomic inequality in obesity in the United States: Do gender, age and ethnicity matter? *Social Science and Medicine* 58;1171-1180, 2004.
20. Koh-Banerjee P, **Wang Y**, Hu FB, Spiegelman D, Willett WC, Rimm EB. Changes in Body Weight and Body Fat Distribution as Risk Factors for Clinical Diabetes in U.S. Men. *American Journal of Epidemiology* 159:1150-9, 2004.
21. Zhang Q, **Wang Y**. Has the Relationship between Obesity and Socioeconomic Status (SES) among U.S. Adults Changed over Time? Secular Trends in the Relationship between 1971 and 2000, *Obesity Research*. 12(10):1622-1632, 2004.
22. **Wang Y**. Epidemiology of Childhood Obesity--Methodological Aspects and Guidelines: What's New? *International Journal of Obesity* 28(3):S21-8, 2004.
23. Zhang Q, **Wang Y**. Secular Trends in Socioeconomic Inequality of Obesity in the United States. In *Studies on Economic Well-Being*. Edited by Amiel Y and Bishop JA. *Research on Economic Inequality* 12:487-506, 2004.
24. *Shan X, Mi J, **Wang Y**. Recent research progress in childhood obesity: the global epidemic, diagnosis and risk factors. *Chinese Journal of Practical Pediatrics* 19 (4):196-202, 2004 [in Chinese].
25. *Shan XY, Mi J, **Wang Y**. Risk factors of childhood obesity. *Chinese Journal of Practical Pediatrics*. 19 (4):245-8, 2004 [in Chinese].
26. **Wang Y**, Rimm EB, Stampfer MJ, Willett WC, Hu FB. A comparison of abdominal adiposity and overall obesity in predicting risk of type 2 diabetes among U.S. men. *American Journal of Clinical Nutrition* 81(3):555-63, 2005.

27. Braunschweig CL, Gomez S, Liang H, Tomey K, Doerfler B, **Wang Y**, Beebe C, R Lipton. Obesity and the metabolic syndrome among low-income, African-American urban school children: The rule rather than the exception? *American Journal of Clinical Nutrition* 81, 970-975, 2005.
28. **Wang Y**, Tussing L, Odoms-Young A, Braunschweig C, Flay B, Hedeker D, Hellison D. Obesity Prevention among Low-Socioeconomic Status African American Adolescents: The HEALTH-KIDS Study. *European Journal of Clinical Nutrition* 2006;60:92-103.
29. **Wang Y**, Zhang Q. Are Low-Socioeconomic Status American Children and Adolescents at Increased Risk of Obesity? Trends in the Association between Overweight and Family Income between 1971 and 2002. *American Journal of Clinical Nutrition* 2006;84:707-16.
30. **Wang Y**, Moreno LA, Caballero B, Cole TJ. Limitations of the Current World Health Organization Growth References for Children and Adolescents. *Food and Nutrition Bulletin* 2006; 27:s175-88.
31. **Wang Y**, Lobstein T. Worldwide Trends in Childhood Obesity. *International Journal of Pediatric Obesity* 2006;1:11-25.
32. **Wang Y**, Chen X, Klag MJ, Caballero B. Epidemic of Childhood Obesity: Implications for Kidney Disease. *Advances in Chronic Kidney Disease* 2006;13(4):336-51.
33. Mi J, Cheng H, Hou DQ, Duan JL, Teng TT, **Wang Y**. Prevalence of overweight and obesity among children and adolescents in Beijing in 2004. *Chinese Journal of Epidemiology*. 2006;27(6): 474-9 [in Chinese].
34. **Wang Y**, Mi J, Shan X, Wang QJ, Ge K. Is China Facing An Obesity Epidemic and the Consequences? The Trends in Obesity and Chronic Disease in China. *International Journal of Obesity* 2007;31(1):177-88.
35. *Xu F, Yin X, **Wang Y**. The Association between Overweight and Amount of Cigarettes Smoked among Chinese Adults in Nanjing, China. *Asia Pacific Journal of Clinical Nutrition* 2007;16(2):240-7.
36. *Casagrande SS, **Wang Y**, Anderson C, Gary TL. Have Americans increased their fruit and vegetable intake? The trends between 1988 and 2002. *American Journal of Preventive Medicine*. 2007;32(4):257-63.
37. Zhang Q, **Wang Y**. Using Concentration Index to Study Changes in Socioeconomic Inequality of Overweight among U.S. Adolescents between 1971 and 2002. *International Journal of Epidemiology* 2007;36(4):916-25.
38. **Wang Y**, Liang H, Tussing L, Braunschweig C, Caballero B, Flay B. Obesity and Related Risk Factors among Low-Socioeconomic Status Minority Students in Chicago. *Public Health Nutrition* 2007;10:927-38.

39. Liang H, Chen D, **Wang Y**, Rimmer JH, Braunschweig CL. Different Risk factors Pattern in Men with Spinal Cord Injury Compared to Able-bodied Men despite Similar Rate for Metabolic Syndrome. *Archives of Physical Medicine and Rehabilitation* 2007;88;1198-1204.
40. **Wang Y**, Beydoun M. The Obesity Epidemic In the United States-- Gender, Age, Socioeconomic, Racial/Ethnic, and Geographic Characteristics: A Systematic Review and Meta-Regression Analysis. *Epidemiology Review* 2007;29:6-28.
41. **Wang Y**, Chen X, Song Y, Caballero B, Cheskin LJ. Association between Obesity and Kidney Disease: A Systematic Review and Meta-analysis. *Kidney International* 2008;73(1):19-33.
42. *Beydoun M, **Wang Y**. How do socio-economic status, perceived economic barriers and nutritional benefits affect quality of dietary intake among US adults? *European Journal of Clinical Nutrition* 2008;62(3):303-13.
43. *Beydoun M, **Wang Y**. Do nutrition knowledge and beliefs modify the association of socio-economic factors and diet quality among US adults? *Preventive Medicine* 2008;46(2):145-53.
44. Liang L, Mi J, Zhang MM, **Wang YF**, Wang TY. Impact of Choice of Diastolic KorrtKoff Phase in Childhood on Prediction to Adult Hypertension. *Chinese Journal of Epidemiology*. 2008,29(2): 110-115 [in Chinese]
45. *Li J, **Wang Y**. Tracking of dietary intake and its association with dynamics of body mass index in urban low-income African American adolescents. *Journal of Nutrition* 2008;138(1):94-100.
46. *Beydoun M, Powell L, **Wang Y**. Impacts of fast food, fruits and vegetables' prices on dietary intakes among US adults and are they modified by family income? *Social Science and Medicine* 2008;66(11):2218-29.
47. *Chen X, Beydoun M, **Wang Y**. Is sleep duration associated with childhood obesity? A systematic review and meta-analysis. *Obesity* 2008;16(2):265-74.
48. *Beydoun MA, Powell LM, Wang Y. Reduced away-from-home food expenditure and better nutrition knowledge and belief can improve quality of dietary intake among US adults. *Public Health Nutrition* 2008 Apr 22:1-13. [Epub ahead of print]
49. *Chen X, **Wang Y**, Appel L, Mi Ji. The impacts of different blood pressure measurement protocols on blood pressure tracking from childhood to adulthood: A meta-regression analysis. *Hypertension* 2008;51(3):642-9.
50. *Beydoun MA, Beydoun H, **Wang Y**. Obesity and central obesity as risk factors for incident dementia and its sub-types: A systematic review and meta-analysis. *Obesity Reviews* 2008;9(3):204-18.
51. *Chen X, **Wang Y**. Tracking of blood pressure from childhood to adulthood: A Systematic Review and Meta-analysis. *Circulation* 2008;117:3171-3180.

52. *Beydoun MA, Gary TL, Caballero B, Lawrence R, Cheskin L, **Wang Y**. Ethnic differences in dairy and related nutrient consumption among US adults, and their association with obesity, central obesity and the metabolic syndrome. *American Journal of Clinical Nutrition* 2008; 87(6):1914-25.
53. **Wang Y**, Beydoun MA, Liang L, Caballero B, Kumanyika SK. Will all Americans become overweight or obese? Estimating the progression and cost of the US obesity epidemic. *Obesity* 2008;16(10):2323-30.
54. **Wang Y**, Li S. Worldwide Trends in Dairy Production and Consumption and Calcium Intake: Is Promoting Dairy Consumption A Successful and Sustainable Solution for Inadequate Calcium Intake? *Food and Nutrition Bulletin* 2008;29(3):172-185.
55. So HK, Nelson EA, Li AM, Wong EM, Lau JT, Guldán GS, Mak KH, **Wang Y**, Fok TF, Sung RY. Secular changes in height, weight and body mass index in Hong Kong children. *BMC Public Health*. 2008;8(1):320.
56. Beydoun MA, Lhotsky A, **Wang Y**, Dal Forno G, An Y, Metter EJ, Ferrucci L, O'Brien R, Zonderman AB. Association of adiposity status and changes in early to mid-adulthood with incidence of Alzheimer's disease. *American Journal of Epidemiology* 2008;168(10):1179-89.
57. *Chen X, **Wang Y**. The epidemic of diabetes and its impact on cardiovascular health in contemporary China. *CVD Prevention and Control* 2009;4:27-40.
58. **Wang Y**, Li J, Caballero B. Resemblance in dietary intakes between urban low-income African American adolescents and their mothers and the predictors: The HEALTH-KIDS Study. *Journal of the American Dietetic Association* 2009;109(1):52-63
59. *Beydoun MA, **Wang Y**. Gender-ethnic Disparity in BMI and Waist Circumference Distribution Shifts in US Adults. *Obesity* 2009;17(1):169-76.
60. Bleich SN, Wang YC, **Wang Y**, Gortmaker SL. Increasing consumption of sugar-sweetened beverages among U.S. adults: 1988-94 to 1999-2004. *American Journal of Clinical Nutrition* 2009;89(1):372-81.
61. *Chen X, **Wang Y**. The influence of sexual maturation on blood pressure and body fatness in African-American girls and boys. *American Journal of Human Biology* 2009;21(1):105-12.
62. *Beydoun MA, **Wang Y**. Parent-child dietary intake and pattern resemblance in the United States: Evidence from a large representative survey. *Social Science and Medicine Soc Sci Med*. 2009;68(12):2137-44.
63. Powell LM, Zhao Z, **Wang Y**. Food prices and fruit and vegetable consumption among young American adults. *Health Place*. 2009 May 14. [Epub ahead of print]

64. Zhang Q, **Wang Y**, Huang ES. Trends in racial/ethnic disparities in the prevalence of type 2 diabetes by body mass index among U.S. adults. *Ethnicity and Health* 2009, Apr 9:1-19. [Epub ahead of print]
65. **Wang Y**, Tao Y, Hyman ME, Li J, Chen Y. Osteoporosis In China. *Osteoporosis International* 2009 May 5. [Epub ahead of print]
66. Nettleton JA, Lutsey PL, **Wang Y**, Lima JA, Michos ED, Jacobs DR. Diet soda intake and risk of incident metabolic syndrome and type 2 diabetes in the Multi-Ethnic Study of Atherosclerosis (MESA). *Diabetes Care*. 2009 Apr;32(4):688-94.
67. **Wang Y**, Beydoun MA. Association between meat consumption and obesity among American adults. *International Journal of Obesity* 2009 [Epub ahead of print]
68. **Wang Y**, Chen HJ, Shaikh S, Mathur P. Is Obesity Becoming A Public Health Problem in India? Examine the Shift from Under- to Overnutrition Over Time. *Obesity Review* 2009 [Epub ahead of print]
69. **Wang Y**, Liang H, Chen X. Measured body mass index, body weight perception, dissatisfaction and control practices in urban, low-income African American adolescents. *BMC Public Health*. 2009;9(1):183.
70. Nettleton JA, Rock CL, **Wang Y**, Jenny NS, Jacobs DR. Validity of the MESA Food Frequency Questionnaire: associations between dietary macronutrient intake and fasting plasma lipids. *British Journal of Nutrition* 2009, May 19:1-8. [Epub ahead of print]
71. **Wang Y**, Jahns L, Tussing L, Xie B, Rockett R, Liang H. Dietary Intake Patterns of Urban Low-Income African American Adolescents. *Journal of the American Dietetic Association* (under revision).
72. *Beydoun MA, **Wang Y**. Sociodemographic disparities in distribution shifts of adiposity measures among American children and adolescents. *International Journal of Pediatric Obesity* (under revision)
73. **Wang Y**, Beydoun MA, Caballero B, Gary TL, Lawrence R. Trends in American Adults' meat consumption. *Public Health Nutrition* (under revision)
74. **Wang Y**, Beydoun MA, Li J, Moreno LA. Do children and their parents eat a similar diet? The association between children's and parents' dietary intakes. *Journal of Epidemiology and Community Health* (under revision)
75. *Li S, Treuth MS, **Wang Y**, How active are US adolescents and have they become less active? *Obesity Revision* (under revision)
76. *Beydoun MA, **Wang Y**. Pathways linking depression to SES, lifestyle factors and obesity among young US adults. *Journal of Affective Disorders* (under revision)

Invited Commentaries

77. **Wang Y**, Tussing L. Culturally Appropriate Approaches Are Needed to Reduce Ethnic Disparity in Childhood Obesity. *Journal of the American Dietetic Association*. 104(11):1664-6, 2004.
78. Caballero B, **Wang Y**. Commentary: Obesity and mortality—light at the end but still a long tunnel. *International Journal of Epidemiology* 2006;35(1):21-2.
79. **Wang Y**. The influence of blood pressure on risks for cardiovascular diseases: What should be done now? *American Journal of Hypertension* 2008;21(3):247.

Letters in Peer-reviewed Journals

80. **Wang Y**, Wang JQ. Standard definition of child overweight and obesity worldwide: authors' standard compares well with WHO standard. *British Medical Journal (BMJ)*. 321:1158, 2000.
81. **Wang Y**, Popkin BM, Wang X. Reply to RS Lindsay et al (Tracking of body mass index during childhood and adolescence). *American Journal of Clinical Nutrition*. 74: 149-50, 2001.
82. **Wang Y**, Wang X. Letter to the Editor. RE: "Tracking of cardiovascular risk factors: the Tromso Study, 1979-1995". *American Journal of Epidemiology* 155:1144-1145, 2002.
83. **Wang Y**. Is Obesity Associated With Early Sexual Maturation? *Pediatrics* 113;171-172, 2004.
84. Koh-Banerjee P, **Wang Y**, Willett W. Authors' response to Snijder et al. RE: Changes in Body Weight and Body Fat Distribution as Risk Factors for Clinical Diabetes in U.S. Men. *American Journal of Epidemiology* 160: 1134-1135, 2004.
85. **Wang Y**, Rimm EB, Stampfer MJ, Willett WC, Hu FB. Is waist circumference good enough as a simple anthropometric measure for predicting obesity-related health risks? *American Journal of Clinical Nutrition* 82 1135, 2005.
86. **Wang Y**, Zhang Q. Author's response to "Poverty threshold as an indicator of the association between childhood overweight and SES over time" *American Journal of Clinical Nutrition* 2007;85(5):1437-8.
87. *Beydoun MA, Beydoun H, **Wang Y**. Author's response to "Obesity and central obesity as risk factors for incident dementia and its sub-types: A systematic review and meta-analysis." *Obesity Reviews* 2008 (in press)

Book chapters, monographs and manuals

88. **Wang Y**, Mi J, Shang X. Childhood obesity: an important public health problem. In "On the Frontiers of Science (Vol 1): Life Science" Ed, Liu GK. Tsinghua University Press and Interpress, Beijing, 2003.

89. **Wang Y.** Prevalence and trends in childhood obesity. In “*Childhood Obesity: The New Crisis in Public Health*” The International Obesity TaskForce (IOTF)’s Report to the WHO. Ed, Tim Lobstein, Louise Baur, Ricardo Uauy, 2003.
90. **Wang Y.** Must A. Global burden of childhood obesity. In “*The Nation’s Nutrition*”. Ed. E Kennedy and RJ Deckelbaum, The International Life Sciences Institute (ILSI)(book chapter) 2007.
91. **Wang Y,** Kumanyika S. Epidemiology of Obesity in the United States. In “*Handbook of Obesity Prevention,*” Ed. Kumanyika S and Brownson R, Springer (book chapter) 2007.
92. **Wang Y.** “The Link Between Leisure Time Activities And the Increasing Prevalence of Obesity Among Youth In Developed Countries” in the *United Nations 2007 World Youth Report*.
93. **Wang Y.** Child Obesity and Health. In *Encyclopedia of Public Health*. Ed. Kris Heggenhougen. Elsevier (in press).
94. **Wang Y.** Socio-economic status and obesity. In *Advances in physical activity and obesity*. Ed. Claude Bouchard and Peter T. Katzmarzyk (in press).
95. **Wang Y,** Mi J, Tao Y, Chen P. Epidemiology of obesity in children and adolescents in China. In *Epidemiology of Obesity in Children and Adolescents*. Springer (book chapter, in press).
96. Rodríguez G, Pietrobelli A, **Wang Y,** Moreno LA. Methodological aspects for childhood and adolescence obesity epidemiology. In *Epidemiology of Obesity in Children and Adolescents*. Springer (book chapter, in press).
97. **Wang Y.** Gender, Ethnicity/race, Socioeconomic Status, and Obesity. In *Obesity*. Ed Manuel Serrano Ríos, José M Ordovás & José A.Gutiérrez-Fuentes. (book chapter, in press).

Other Articles Not Peer Reviewed

98. **Wang Y.** Book review: Child and Adolescent Obesity: Causes and Consequences, Prevention and Management. *JAMA (The Journal of the American Medical Association)*, 2003;289:1863.
99. **Wang Y.** Diet, physical activity, childhood obesity and risk of cardiovascular disease. In *International Congress Series: The XIIIth International Symposium on Atherosclerosis*, 2004, 176-179.
100. **Wang Y.** The Obesity Epidemic: Why Should We Be Worried and What Could Be Done? *HEALTHviews, Fall 2004*.

CURRICULUM VITAE

YOUFA WANG, MD, PhD

PART II

TEACHING

Classroom Instruction

University of Illinois at Chicago: 2001-2004

- 2001 Fall Invited Guest Lecture, Food and Culture (HND 302)
- 2002 Spring Co-instructor, Research Methods in Human Nutrition (HN530)
- 2002 Fall Invited Guest Lecture, Human Growth and Nutrition (EPID 405)
- 2002 Fall Invited Guest Lecture, Epidemiology of Pediatric Diseases (EPID 518)
- 2003 Spring Instructor, Quantitative Methods in Nutritional and Epidemiological Studies (HN594, developed and taught this new course, 3 credits)
- 2003 Fall Co-instructor (taught 2 of 3 credits), Evaluation of Nutritional Status (HN532)
- 2004 Spring Invited Guest Lectures (2), Biostatistical Investigations (BSTT522)
- 2004 Spring Co-instructor (taught 1 of 3 credits), Nutrition During the Life Cycle (HN311)
- 2004 Fall Co-instructor (taught 2 of 3 credits), Nutrition During the Life Cycle (HN311)

Johns Hopkins University: 2005-

- 2005 Fall Invited Guest Lecture, Critical Thinking in Nutrition (222.658.01)
- 2005 Fall Invited Guest Lecture, Graduate Nutrition Seminar (222.860.01)
- 2005 Fall Invited Guest Lecture, Assessment of Nutritional Status (222.642.01)
- 2005 Fall Invited Guest Lecture, Problem Solving in Public Health (JHU Montgomery County campus)
- 2006 Spring Instructor, Advanced Nutritional Epidemiology (222.841.01, 3 credits; developed and taught this new course; it addresses further methodological aspects of nutritional epidemiologic research with a focus on analytical quantitative methods)
- 2006 Spring Invited Guest Lecture, Nutrition and Life Stages (222.655.01)
- 2006 Fall Invited Guest Lecture, Problem Solving in Public Health (JHU Montgomery County campus)
- 2006 Fall Invited Guest Lectures (2), Public Health Perspectives on Research (550.865.01)
- 2007 Spring Instructor, Advanced Nutritional Epidemiology (222.660.01, 3 credits; this became a new regular course)
- 2007 Spring Invited Guest Lecture, Nutrition and Life Stages (222.655.01)
- 2007 Summer Invited Guest Lecture, Johns Hopkins University Summer Education Program for High School Students.
- 2007 Summer Instructor, Topics in Advanced Nutritional Epidemiology (340.672.11, 2 credits; a new course in the JHU Graduate Summer Institute of Epidemiology and Biostatistics)
- 2007 Fall Invited Guest Lecture, Assessment of Nutritional Status (222.642.01)
- 2007 Instructor, Graduate Nutrition Seminar (222.860.01, 2 credits)
- 2008 Instructor, Graduate Nutrition Seminar (222.860.01, 4 credits, whole year)

- 2008 Spring Invited Guest Lecture, Human and Family Development Across the Lifespan (NR110. 589)
- 2008 Summer Instructor, Topics in Advanced Nutritional Epidemiology (340.672.11, 2 credits, JHU Graduate Summer Institute of Epidemiology and Biostatistics)
- 2008 Fall Invited Guest Lecture, Critical Thinking in Nutrition (222.658.01)
- 2008 Fall Instructor, Advanced Nutritional Epidemiology (222.660.01, 3 credits)
- 2009 Instructor, Graduate Nutrition Seminar (222.860.01, 4 credits, whole year)

Other Significant Teaching

- 1999 Spring Teaching Assistant, Nutrition Epidemiology (NUTR259/EPID259), University of North Carolina at Chapel Hill
- 1999 Fall Teaching Assistant, Analytical Methods in Nutritional Epidemiology (NUTR360), University of North Carolina at Chapel Hill
- 2009 Summer Short course, Advanced Nutritional Epidemiology, Xi'an Jiaotong University School of Medicine

RESEARCH GRANT PARTICIPATION

Active projects/grants

Title: "Understanding Disparities In Obesity and Its Comorbidities In the U.S."

Funding: NIH/NIDDK (R01DK81335-01A1, 2009-2011)

Goals: The study is a systematic investigation to understand the individual-, family-, and community-level causes of ethnic/SES disparities in obesity and its comorbidities including type 2 diabetes and hypertension in the U.S. using an interdisciplinary approach.

Role: PI

Title: "Resemblance between child & parental eating, physical activity & obesity patterns"

Funding: NIH/NICHD (1R03HD058077-01A1, 2009-2011)

Objectives: The study aims to examine the resemblances between American children's and their parents' eating and physical activity patterns as well as their weight status and the influence of individual-, household-, and environmental- factors on the associations.

Role: PI

Title: "The influences of dairy consumption and related nutrients on obesity, metabolic syndrome, and type 2 diabetes and the ethnic differences"

Funding: DMI / National Dairy Council (#1668, 2008-2010)

Grant Objective: The project aims to study the influence of dairy consumption and intakes of related nutrients on the risks for obesity, metabolic syndrome, and type 2 diabetes among American adults and the related ethnic differences based longitudinal data collected in a large nationwide cohort study.

Role: PI

Title: "Assessment and promotion of adolescents' dietary calcium intake in China"

Funding: Nestle Foundation (2008-2011)

Grant Objective: The first aim of the project is to develop a validated food frequency questionnaire

(FFQ) that can be used to assess Chinese adolescents' dietary intake. The second aim is to carry out a pilot study to develop and test an internet- and cell phone based healthy eating promotion program among middle school students in Beijing.

Role: PI

Title: "Economic, Lifestyles, and Social Influences on Obesity"

Funding: US Department of Agriculture (USDA, 2044-05322, 2005-2010)

Grant Objective: This project will examine the importance of key economic factors such as cost and access measures and social safety factors on BMI and obesity. The project will also provide an extensive outreach program based on the research findings to inform both policy makers and households of which policies, programs and practices may be effective at combating obesity.

Role: Co-PI of the whole project and PI of JHU subcontract (PI: Lisa M. Powell)

Title: "Price Effect on Diet and Obesity Risk of Food Assistance Program Recipients"

Funding: NIH/NICHD (1R03HD058077-01A1, 2007-2010)

Grant Objective: Based on national existing data to study the influence of difference in food prices on the dietary intakes and risk of obesity of federal food assistance program recipients. A long term goal is to identify the economic mechanisms that promote weight gain among low-income Americans

Role: Co-PI of the whole project and PI of JHU subcontract (PI: Qi Zhang)

Title: A randomized trial of obesity prevention in infants (The Growing Leaps and Bounds Study)

Funding: The Dannon Institute (2006-2009)

Grant Objective: A primary care office-based intervention targeting 0-2 year old children, aimed at preventing excess adiposity and body weight.

Role: Co-I (PI: Benjamin Caballero)

Title: "Calcium Intake, Dairy Consumption and Production, and Environment"

Funding: The Center for a Livable Future at the Johns Hopkins Bloomberg School of Public Health (2006-2009)

Grant Objective: To analyze existing data collected in China and the United States and collect new survey data to study the complex relationships between calcium intake, dairy consumption and production, and health, as well as impact of the dairy production on the environment. The longer-term goal is to develop sustainable evidence-based approaches and programs to help address the worldwide calcium intake inadequacy problem, especially in Asian countries and vegetarian groups in industrialized countries.

Role: PI

Title: Physical Activity, Dietary Intake and Health among Chinese Adults: A Follow-up Study

Funding: Nanjing City Department of Public Health (#ZKG07026, 2007-2011)

Grant Objectives: To examine urban residents' physical activity and dietary intake patterns and their impact on health in Nanjing. The findings will facilitate the development of related intervention programs.

Role: Co-I (PI: Fei Xu)

Title: Comprehensive Lifestyle Intervention among Chinese Kids: Obesity Prevention (CLICK-Obesity)

Funding: Nanjing City Bureau of Science and Technology #200901088, 9/2009-9/2011)

Grant Objectives: To develop and test a school-based obesity prevention program.

Role: Co-I (PI: Fei Xu)

Title: “Longitudinal Cohort Study on Metabolic Syndrome among Children and Adolescents in Beijing:”

Funding: Beijing Municipal Science & Technology Commission (2008-, follow-up study)

Grant Objective: To establish two long-term cohorts for investigating the etiology and diagnosis of metabolic syndrome in children and adolescents in Beijing. The other related health outcomes such as obesity, hypertension, dyslipidemia and type 2 diabetes will be studied as well.

Role: Co-I (PI: Jie Mi)

Title: “Elevated Blood Pressure among Chinese Children and Adolescents: Assessment, Diagnosis, and Treatment”

Funding: Chinese Ministry of Science and Technology (2008-2010)

Grant Objective: To compare the assessment of diastolic blood pressure using different measurement protocol, and develop blood pressure cut points for the classification of elevated blood pressure to be used in clinical settings and population-based monitoring programs. The study will also examine the long-term health consequences of childhood elevated blood pressure in adulthood.

Role: Co-I (PI: Jie Mi)

Title: ‘A Controlled Clinical Trial of the Appetite and Health Effects of Using Mushroom Substitutes for Meat in Obese Adults’

Funding: USDA and the Mushroom Council (2009 – 2011)

Grant objective: To assess the weight control efficacy and effects on inflammatory markers and health parameters of this food substitution over 12 months.

Role: Co-I (PI: Lawrence J. Cheskin)

Selected completed grants (but the projects are still ongoing)

Title: “Obesity Prevention in African American Schoolchildren”

Funding: NIH/NIDDK (#1 R01 DK63383, 9/2002-5/2007)

Grant Objective: The purpose of this intervention study is to test the feasibility and effectiveness of a school based intervention program using environmental approaches for the prevention of obesity among low-socioeconomic status (SES) African American students.

Role: PI

Title: “Population-based Study on Metabolic Syndrome Risk Factors in Children and Adolescents in Beijing: The epidemiology, diagnosis criteria, and intervention approaches”

Funding: Beijing Municipal Science & Technology Commission Key Programme Research Grant (H030930030031, 2003-2007)

Grant Objective: To investigate the prevalence of metabolic syndrome in children and adolescents in Beijing and the risk factors for obesity, hypertension, dyslipidemia and type 2 diabetes. The study will survey a large representative sample of over 24,000 children aged 0-18 years old.

Role: Co-I (served as Nutritional Epidemiologist; PI: Jie Mi)

PRESENTATIONS

Invited Presentations/Seminars

1. Trends and current situations of obesity in several large countries worldwide. **Workshop on Obesity in China**. Beijing, China, April 24-26, 2000.
2. Assessment of child and adolescent obesity in international studies. **Workshop on Obesity in China**. Beijing, China, April 24-26, 2000.
3. The trends of obesity and underweight in children and adolescents. **Poverty & Obesity Conference. University of Chicago**. Chicago, IL, March 1-2, 2002.
4. The epidemic of childhood obesity. **Departments of Health Studies. University of Chicago**. Chicago, IL, April 10, 2002.
5. The obesity epidemic and nutrition transition in China and other countries. **Hong Kong Nutrition Association**, October 2, 2002.
6. The global obesity epidemic. Beijing Medical University 90th Anniversary Seminar, **Beijing Medical University** October 23, 2002.
7. Central obesity and the risk of type 2 diabetes and cardiovascular disease: new evidence from two Harvard prospective studies. **Fuwai Hospital, The Chinese Academy of Medical Sciences & Peking Union Medical College**, October 24, 2002.
8. The associations between childhood obesity, sexual maturation and risks for chronic disease. Department of Food Science and Human Nutrition, **University of Illinois at Urbana-Champaign**, November 13, 2002.
9. Global Secular Trends in Childhood Obesity. The Maternal and Child Health Program Brown Bag Seminar Series, School of Public Health, **University of Illinois at Chicago**. February 12, 2003.
10. Childhood obesity, abdominal adiposity, and risks of type 2 diabetes and cardiovascular disease in middle-age. Department of Preventive Medicine, The Feinberg School of Medicine, **Northwestern University**, March 17, 2003.
11. How to apply for federal research grants as a new young investigator? **“Being Professors in the USA” Forum**. The Society of Chinese American Professors and Scientists, Evanston, IL, March 23, 2003.
12. Central obesity and risks of chronic disease. Epidemiology and Biostatistics Seminar, School of Public Health, **University of Illinois at Chicago**, March 27, 2003.

13. Diet, physical activity, childhood obesity and risk of cardiovascular disease. **The XIIIth International Symposium on Atherosclerosis** (Symposium: Life Style and Vascular Disease-The West and the East Meet Together). Kyoto, Japan, September 28-October 2, 2003.
14. A school- and community-based childhood obesity intervention study among low-SES minority students: the “HEALTH-KIDS” project, **Consortium to Lower Obesity in Chicago Children (CLOCC)**, Chicago, IL, December 3, 2003.
15. Childhood lifestyles, obesity and their influence on risk of cardiovascular disease, Department of Physical Therapy, **University of Illinois at Chicago**, January 15, 2004.
16. Childhood Obesity Prevention: Design and Preliminary Findings of the HEALTH-KIDS Study. Obesity & Physical Activity Seminar, **University of North Carolina at Chapel Hill**, February 4, 2004.
17. Epidemiology of childhood obesity: Time for action--Methodological aspects and guidelines: What’s new? **International Symposium--Childhood Obesity: From Basic Knowledge to Effective Prevention, and 14th Workshop: European Childhood Obesity Group**, Zaragoza, Spain, September 23-25, 2004.
18. “Childhood Obesity: the Crisis and Possible Solutions.” **Northern Illinois University**, DeKalb, IL, March 24, 2005.
19. “Child and adolescent obesity: global trends, assessment, causes, health consequences, and prevention”. Diagnosis and Intervention of Metabolic Syndrome in Children Workshop, Organized by **Capital Institute of Pediatrics and the Chinese Preventive Medicine Association**, Beijing, China, September 7-10, 2005.
20. “Childhood obesity epidemic and a school-based intervention study in Chicago”, **Johns Hopkins University Welch Center for Prevention Epidemiology and Clinical Research**, October 12, 2005.
21. “Limitations of current WHO Growth Reference: for Children and Adolescents”, **WHO Reference, Development of an International Growth Standard for Preadolescent and Adolescent Children**, Geneva, January 16 - 19, 2006.
22. “Obesity Prevention in African American School Children: Promise of the HEALTH-KIDS Study”, University of Alabama **Minority Health & Research Center Annual Conference—Eliminating Health Disparities: Obesity & Diabetes**. Birmingham, Alabama, March 22, 2006.
23. The Global Childhood Obesity Epidemic”, **The Children's Hospital of Philadelphia, University of Philadelphia**, Philadelphia, October 25, 2006.
24. “Global Trends in Childhood Obesity”, **Department of Health, Behavior & Society and the Center for a Livable Future, Johns Hopkins Bloomberg School of Public Health**, November 16, 2006.

25. “Global childhood obesity epidemic and a school-based intervention study in Chicago” **Harvard School Public Health**. September 24, 2007.
26. “Childhood Obesity Epidemiology: Classification and Global Trends”, **3rd Micronesian Medical Symposium**, Guam, October 18-21, 2007.
27. “The Global Childhood Obesity Epidemic: Assessment, Trends, and Prevention”, **Capital Institute of Pediatrics**, Beijing, China, October 26, 2007.
28. “Pediatric obesity: Unique challenges and opportunities”, **Washington University in St. Louis, School of Medicine**, St. Louis, March 11, 2008.
29. “Childhood Obesity: challenges and opportunities”, **Diabetes and Obesity Journal Club, Welch Center for Prevention Epidemiology and Clinical Research, Johns Hopkins University**, April 16, 2008
30. “Childhood Obesity: the problems and promising intervention strategies”, Public Health Practice Grand Rounds, **MidAtlantic Public Health Training Center**, Baltimore, MD, June 18, 2008.
31. “Changes and Complexities in SES Associations with Obesity and Obesity Related Health Disparities.” **African American Collaborative Obesity Research Network (AACORN) Workshop** “Diversity within African American Communities: Implications for Advancing Research on Weight Issues and Related Disparities.” Philadelphia, PA, August 18-19, 2008.
32. “Trends in Obesity and Related Chronic Disease in China.” **Symposium: Public Health Nutrition Interventions in South China: Policy Approaches. Yale University School of Medicine**, New Haven, CT, November 6, 2008.
33. “The Obesity Epidemic in the United States,” **Childhood Obesity Committee Meeting, Council on Heart Disease and Stroke, Office of Chronic Disease Prevention, Maryland Department of Health and Mental Hygiene**, November 13, 2008.
34. “Interdisciplinary, population-based research on obesity and related chronic diseases,” Presented to the Chinese Delegation of Leaders from Medical Universities, **The Johns Hopkins University School of Nursing and Bloomberg School of Public Health**, November 18, 2008.
35. “What lessons can be learned from the two most populous countries, China and India? Similar booming economy, but different trends in obesity and malnutrition over the past two decades.” **Department of Epidemiology, The Johns Hopkins University Bloomberg School of Public Health**, April 10, 2009.
36. “The US Obesity Epidemic: Where Are We Headed & What Will It Cost?” **US Capital Hill, Invited by The Strategies to Overcome and Prevent (STOP) Obesity Alliance**, May 18, 2009.
37. “The Global Obesity Epidemic: Health and Economic Consequences”, **Xi’an Jiaotong**

University School of Medicine, July 3, 2009.

38. “School-based Obesity Intervention”, **Xi’an Jiaotong University School of Medicine**, July 3, 2009.
39. “The Global Obesity Epidemic—Where Are We Headed and Why Should We Be Worried?” **Peking University Health Science Center**, July 9, 2009.
40. “The Global Obesity Epidemic and Related Health and Economic Impact”, **National Center for Chronic and Non-communicable Disease Control and Prevention (NCNCD), Chinese Center for Disease Control and Prevention (China CDC)**, July 19, 2009
41. “Impact of economic development on people’s nutritional status: some recent lessons learned from the developing world.” **International Food Policy Research Institute**. Sept 17, 2009.

ADDITIONAL INFORMATION

Main research interests:

- Child and adolescent obesity: assessment, global trends, causes, health consequences, and prevention
- Tracking of obesity and lifestyles from childhood to adulthood, changes in American children’s and adults’ eating and physical activity patterns over time
- Chronic disease (eg, hypertension, cardiovascular disease and type 2 diabetes)
- Child growth, sexual maturation, and health
- Calcium and dairy consumption and health outcomes
- Health disparities
- International health
- Nutritional epidemiology; application of advanced longitudinal data analysis methods in epidemiologic research

Keywords

Nutritional epidemiology; childhood obesity; growth; lifestyles; sexual maturation; chronic disease; health disparities; calcium and dairy consumption and health; international health; longitudinal data analysis