

CURRICULUM VITAE

ANNA MARIA SIEGA-RIZ, PhD, RD

OFFICE ADDRESS:

University of North Carolina at Chapel Hill
Department of Epidemiology
CB# 7435 2105A McGavran-Greenberg
Chapel Hill, NC 27599-7435
919-962-8410 (CPC)

EDUCATION:

PhD	1993	The University of North Carolina at Chapel Hill School of Public Health Major in Nutrition and minor in Epidemiology
MS	1983	The University of North Carolina in Greensboro Master of Science in Food, Nutrition and Food Service Management
BSPH	1982	The University of North Carolina at Chapel Hill School Public Health Bachelor of Science in Nutrition

POSITIONS:

2010 to present	Professor Department of Epidemiology and Nutrition Associate Dean of Academic Affairs Program Leader for the Reproductive, Perinatal, and Pediatric Program in the Department of Epidemiology
2009- 2010	Professor Department of Epidemiology and Nutrition Associate Chair of Epidemiology Program Leader for the Reproductive, Perinatal, and Pediatric Program in the Department of Epidemiology Director of the Nutrition Epidemiology Core for the Department of Nutrition's Clinical Nutrition Research Center
2008-2009	Associate Professor Departments of Epidemiology and Nutrition Associate Chair of Epidemiology Program Leader for the Reproductive, Perinatal, and Pediatric Program in the Department of Epidemiology Director of the Nutrition Epidemiology Core for the Department of Nutrition's Clinical Nutrition Research Center

2006 to 2008

Associate Professor
Departments of Epidemiology and Nutrition
Division Director of Nutrition Epidemiology
Director of the Nutrition Epidemiology Core for the Department
of Nutrition's Clinical Nutrition Research Center
Program Leader for the Reproductive, Perinatal, and Pediatric
Program in the Department of Epidemiology

2003 to 2005

Associate Professor
Departments of Maternal and Child Health and Nutrition
Director of the Nutrition Epidemiology Core for the Department
of Nutrition's Clinical Nutrition Research Center

1998 to 2002

Assistant Professor
Department of Maternal and Child Health
Department of Nutrition
School of Public Health
The University of North Carolina at Chapel Hill

1995 to present

Fellow
Carolina Population Center
The University of North Carolina at Chapel Hill

1995 to 1998

Research Assistant Professor
Department of Nutrition
School of Public Health
The University of North Carolina at Chapel Hill

1994 to 1995

Post Doctoral Fellow/Carolina Population Center
The University of North Carolina at Chapel Hill
Reproductive Epidemiology

1990 to 1993

Graduate Research Assistant
The University of North Carolina at Chapel Hill
School of Public Health
Department of Nutrition

1985 to 1989

Nutrition Coordinator/Prematurity Prevention
Project Harbor/UCLA
Torrance CA

1983 to 1985

Director of Women, Infant and Child Supplemental Food
Program (WIC)
Davidson County Health Department

1983

Child Development Fellowship
University of Tennessee
Child Development Center
Memphis, Tennessee

SKILLS:

Registered Dietitian
Bilingual Spanish/English

AWARDS:

The March of Dimes Agnes Higgins Award for Maternal and Fetal Nutrition 2007- The March of Dimes Agnes Higgins Award recognizes distinguished achievement in research, education or clinical services in the field of maternal-fetal nutrition.

The University of North Carolina Center for Women's Health Research Award for Excellence 2004-Awarded for the multidisciplinary research that best demonstrates the strength of collaborative investigation to drive discovery of knowledge and achieve excellence in research. Dr. Siega-Riz received the award for her work in the Pregnancy, Infection and Nutrition Study on the effect of a high glycemic load diet on developing gestational diabetes.

Mary Egan Award November 2000

American Public Health Association-Food and Nutrition Section

BIRCWH Scholar-Building Interdisciplinary Research Careers in Women's Health Funded by NIH through the UNC Medical School
September 2000

American Public Health Association-Maternal Child Health Section Student Presentation Award at the 123rd Annual meeting

Department of Nutrition, The University of North Carolina at Chapel Hill Outstanding Graduate Student Award 1991-1992

PUBLICATIONS (* indicates authored by a mentored student)**Peer Reviewed Books. Chapters, Monographs**

1. Food and Nutrition Board, Institute of Medicine, Committee on Revising the WIC Food Packages (2005). *WIC Food Packages: Time for a Change*. Washington DC: National Academy Press. (committee-authored volume)
2. Food and Nutrition Board, Institute of Medicine, Committee on Revising the WIC Food Packages (2004). *Proposed Criteria for Revising the WIC Food Packages*. Washington DC: National Academy Press. (committee-authored volume)
3. Viswanathan M, **Siega-Riz AM**, Moos M-K, Deierlein A, Mumford S, Knaack J, Thieda P, Lux LJ, Lohr KN. (2008) Outcomes of Maternal Weight Gain, RTI International–University of North Carolina Evidence-based Practice Center, Contract No. 290-02-0016.
4. Food and Nutrition Board and Board on Children, Youth, and Families. Institute of Medicine, Committee to Reexamine IOM Pregnancy Weight Guidelines (2009). *Weight Gain During Pregnancy*. Washington DC: National Academy Press. (committee-authored volume)

Peer Reviewed Papers

1. Ghosh J, Herring AH, **Siega-Riz AM**. Variable selection for latent class models. *Biometrics*. 2010 Oct 29. doi: 10.1111/j.1541-0420.2010.01502.x. [Epub ahead of print]
2. Widen E., **Siega-Riz AM**. Prenatal Nutrition: A Practical Guide for Assessment and Counseling. *J Midwifery Womens Health*. 2010 Nov-Dec; 55(6): 540-9.
3. **Siega-Riz AM**, Deierlein A, Stuebe A. Implementation of the new institute of medicine gestational weight gain guidelines. *J Midwifery Womens Health* 2010 Nov-Dec 55(6) 512-9.

4. Sotres-Alvariz D, Herring AH, **Siega-Riz AM**, Latent Class Analysis Is Useful to Classify Pregnant Women into Dietary Patterns. *J Nutr*, 2010 Oct 20 [Epub ahead of print]
5. Deierlein AL, **Siega-Riz AM**, Adair LS, Herring AH. Effects of Pre-Pregnancy Body Mass Index and Gestational Weight Gain on Infant Anthropometric Outcomes. *J Pediatr*. 2010 Sept 21 [Epub ahead of print]
6. Stuebe AM, Lyon H, Herring AH, Ghosh J, Wise A, North KE, **Siega-Riz AM**. Obesity and diabetes genetic variants associated with gestational weight gain. *Am J Obstet Gynecol*. 2010 Sept; 203(3): 283. e1-17.
7. Visness CM, London SJ, Daniels JL, Kaufman JS, Yeatts KB, **Siega-Riz AM**, Calatroni A, Zeldin DC. Association of childhood obesity with atopic and nonatopic asthma: results from the National Health and Nutrition Examination Survey 1999-2006. *J Asthma*. 2010 Sept 47(7): 822-9.
8. **Siega-Riz AM**, Haugen M, Meltzer HM, Von Holle A, Hamer R, Torgersen L, Knopf-Berg C, Reichborn-Kjennerud T, Bulik CM Gestational Weight Gain Patterns of Women with Eating Disorders. *In J of Eating Disorder* 2010 June [epub ahead of print].
9. Savitz DA, Stein CR, **Siega-Riz AM**, Herring AH. Gestational Weight Gain and Birth Outcome in Relation to Prepregnancy Body Mass Index and Ethnicity. *Ann Epidemiol*. 2010 Aug 10. [Epub ahead of print]
10. Mumford SL, Schisterman EF, **Siega-Riz AM**, Browne RW, Gaskins AJ, Trevisan M, Steiner AZ, Daniels JL, Zhang C, Perkins NJ, Wactawski-Wende J. A Longitudinal Study of Serum Lipoproteins in Relation to Endogenous Reproductive Hormones during the Menstrual Cycle: Findings from the BioCycle Study. *J Clin Endocrinol Metab*. 2010 Jun 9. [Epub ahead of print]
11. Laraia BA, **Siega-Riz AM**, Gundersen C. Household food insecurity is associated with self-reported pregravid weight status, gestational weight gain, and pregnancy complications. *J Am Diet Assoc*. 2010; 110:692-701.
12. Pan IJ, Daniels J, Herring AH, Rogan W, **Siega-Riz AM**, Goldman B, Sjodin A. Lactational Exposure to Polychlorinated Biphenyls, Dichlorodiphenyltrichloroethane, and Dichlorodiphenyldichloroethylene and Infant Growth: An Analysis of the Pregnancy, Infections, and Nutrition Babies Study. *Paediatr perinat Epidemiol*. 2010;24:262-271.
13. Bodnar LM, **Siega-Riz AM**, Simhan HN, Himes KP, Abrams B. Severe obesity, gestational weight gain, and adverse birth outcomes. *Am J Clin Nutr*. 2010 Jun; 91 (6):1642-8. PMC2869513
14. Baranowski T, Watson KB, Bachman C, Baranowski JC, Cullen KW, Thompson D, **Siega Riz AM**. Self efficacy for fruit, vegetable and water intakes: Expanded and abbreviated scales from item response modeling analyses. *Int J Behav Nutr Phys Act*. 2010 Mar 29;7(1):25. [Epub ahead of print]
15. Bodnar LM, **Siega-Riz AM**, Simhan HN, Diesel JC, Abrams B. The impact of exposure misclassification on associations between pregnancy BMI and adverse pregnancy outcomes. *Obesity* 2010 Feb 18 [epub ahead of print]
16. *Metha U, **Siega-Riz AM**, Herring AH. Effect of Body Image on Pregnancy Weight Gain. *Matern Child Health J* 2010 Mar 5 [epub ahead of print].
17. Miller JEA, Rasmussen SA, Siega-riz AM, Frias JL, Honein MA; National Birth Defects Prevention Study. Risk factors for non-syndromic holoprosencephaly in the National Birth Defects Prevention Study. *Am J Med Genet C Semin Med Genet* 2010;15:62-72.
18. *Metzger J, Catellier DJ, Evenson KR, Treuth MS, Rosamond WD, **Siega-Riz AM**. Associations between Patterns of Objectively Measured Physical Activity and Risk factors for the Metabolic Syndrome. *Am J Health Promotion*. 2010;24:161-9.
19. *Ferrari RM, **Siega-Riz AM**, Evenson KR, Moss MK, Melvin C, Herring A. Provider Advice about Weight Loss And Physical Activity In The Postpartum Period. *J Women's Health* 2010 Mar; 19 (3):397-406. PMC2867629
20. **Siega-Riz AM**, Herring AH, Carrier K, Evenson K, Dole N, Deierlein A. Sociodemographic, Perinatal, Behavioral, and Psychosocial Predictors of Weight Retention at 3 and 12 months Postpartum. *Obesity* 2009 Dec 24 [epub ahead of print]
21. **Siega-Riz AM** and Giannini C. Promoting Healthy Weight in Women: What the Physician Can Do to Help. *North Carolina Medical Journal*. 2009 Sept;70:449-53.
22. **Siega-Riz AM**, Viswanathan M, Moos MK, Deierlein A, Mumford S, Knaack J, Thieda P, Lux LJ, Lohr K. A Systematic Review of Outcomes of Maternal Weight Gain According to the Institute of

Medicine Recommendations: Birthweight, Fetal Growth and Postpartum Weight Retention. *Am J Obstet & Gyn.* 2009 Oct;201(4):339.e1-14.

23. *Bovbjerg M & **Siega-Riz AM**. Exercise during pregnancy and cesarean delivery: North Carolina PRAMS 2004-2005. *Birth* 2009 Sep;36 (3)200-7.
24. Pan IJ, Daniels J, Herring AH, Goldman B, **Siega-Riz AM**, Rogan W. Lactational Exposure to Polychlorinated Biphenyls, Dichlorodiphenyltrichloroethane, and Dichlorodiphenyldichloroethylene and Infant Neurodevelopment: An Analysis of the Pregnancy, Infections, and Nutrition Babies Study. *Environmental Health Perspectives.* 2009;117(3):488-94. PMC2661922
25. **Siega-Riz AM** and King J. Position of the American Dietetic Association and American Society for Nutrition. Obesity, Reproduction, and Pregnancy outcomes. *J of Am Dietetic Assoc.* 2009;109(5):918-27.
26. Hasan R, Hartmann K, Olshan A, Herring AH, Savitz D. **Siega-Riz AM**. Self-reported vitamin supplementation in early pregnancy and risk of miscarriage. *Am J Epidemiology.* 2009 Jun;169(11):1312-8.PMC2727248
27. Bidulescu A, Chambless LE, Siega-Riz AM, Zeisel SH, Heiss G. Repeatability and measurement error in the assessment of choline and betaine dietary intake: the Atherosclerosis Risk in Communities (ARIC) Study. *Nutr J.* 2009 Feb 20;8(1): 14. PMC2654540
28. Webb J, **Siega-Riz AM**, Dole N. Psychosocial determinants of adequacy of gestational weight gain. *Obesity.* 2009 Feb;17(2):300-9.
29. Visness CM, Daniels JL, Kaufman JS, London SJ, Yeatts KB, **Siega-Riz AM**, Liu AH, Calatroni A, Zeldin DC. Association of Obesity with IgE and Allergy Symptoms in Children and Adolescents: Results from NHANES 2005-2006. *J Allergy Clin Immunol.* 2009; May; 123(5):1163-69.e4. PMC2748319.
30. Laraia B, **Siega-Riz AM**. Dole N, London E. Pre gravid weight is associated with prior dietary restraint and psychosocial factors during pregnancy. *Obesity.* 2009; 17(3): 550-558. PMC2790386
31. **Siega-Riz AM**, Herring A, Olshan AF, Smith J, Moore C and the National Birth Defects Prevention Study. The Joint Effects of Maternal Prepregnancy Body Mass Index and Age on the Risk of Gastroschisis. *Paediatr Perinat Epidemiol.* 2009; 23: 51-57.
32. Mosley BS, Cleves MA, **Siega-Riz AM**, Shaw GM, Canfield MA, Waller DK, Werler MM, Hobbs CA, and the National Birth Defects Prevention Study. Neural tube defects and maternal folate intake among pregnancies conceived after folic acid fortification in the U.S. *Am J Epi.* 2009; 169(1):9-17.
33. Bulik C, Von Holle A, **Siega-Riz AM**, Lie KK, Torgersen L, Hammer R, Berg CK, Sullivan P, Reichborn-Kjennerud T. Birth Outcomes in Women with Eating Disorders in the Norwegian Mother and Child Cohort Study(MoBa).*Internat J of Eating Disorders.*2009; 42(1):9-18.
34. Shaw GM, Carmichael SL, Laurent C, **Siega-Riz AM**, and the National Birth Defects Prevention Study. Periconceptional glycemic load and intake of sugars and their association with neural tube defects in offspring. *Pediatric and Perinatal Epidemiology.* 2008;22(6):514-9.
35. *Mumford, S, **Siega-Riz AM**, Herring A, Evenson K. Dietary Restraint and Gestational Weight Gain. *J Am Diet Assoc.* 2008;108(10):1646-53. PMC2617709
36. Slickers JE, Olshan AF, **Siega-Riz AM**, Honein M, Aylsworth A. Maternal Body Mass Index and Lifestyle Exposures Affect the Risk of Bilateral Renal Agenesis or Hypoplasia: Findings from the National Birth Defects Prevention Study. *Am J Epi.* 2008; 168(11):1259-67.
37. *Deierlein A, **Siega-Riz AM**, Herring A, Dietary energy density but not glycemic load is associated with gestational weight gain. *Am J Clin Nutri* 2008;88(3):693-9. PMC2782540
38. Evenson K, Moos MK, Carrier K, **Siega-Riz AM**. Perceived Barriers to Physical Activity Among Pregnant Women. *Matern Child Health J.* 2009 May;13 (3):364-375. PMC2657195
39. *Metzger JS, Catellier DJ, Evenson KR, Treuth MS, Rosamond WD, **Siega-Riz AM**. Patterns of objectively measured physical activity in the United States. *Med Sci Sports Exerc.* 2008;40:630-8.
40. Dunson D, Herring A, **Siega-Riz AM**. Bayesian inference on changes in response densities over predictor clusters. *J Am Statistical Association* 2008;103:1508-1517.
41. **Siega-Riz AM**, Haugen M, Meltzer HM, Von Holle A, Hamer R, Torgersen L, Knopf-Berg C, Reichborn-Kjennerud T, Bulik CM. Nutrient and food group intakes of women with and without Bulimia Nervosa and Binge Eating Disorder during pregnancy. *Am J Clin Nutri* 2008 May; 87(5):1346-55. PMC2663958

42. Bulik C, Von Holle A, Hammer R, Berg CK, Torgersen L, Magnus P, Stoltenberg C, **Siega-Riz AM**, Sullivan P, Reichborn-Kjennerud T. Patterns of remission, continuation, and incidence of eating disorders during early pregnancy in the Norwegian Mother and Child Cohort Study (MoBa). *Psychological Medicine* 2007;37(8):1109-18.
43. *The NS, Honein MA, Caton AR, Moore C, **Siega-Riz AM**, Druschel CM and the National Birth Defects Prevention Study. Risk factors for biliary atresia, National Birth Defects Prevention Study, 1997-2002. *American Journal of Medical Genetics*. 2007;143A(19):2274-84.
44. Waller KD, Shaw GM, Rasmussen SA, Hobbs CA, Canfield MA, **Siega-Riz AM**, Correa A, Gallaway S and the National Birth Defects Prevention Study. Prepregnant Obesity and Risk for Structural Birth Defects. *Arch Pediatr Adolesc Med*. 2007;161(8):745-50.
45. Bidulescu A, Chambless LE, **Siega-Riz AM**, Zeisel SH, Heiss G. Usual choline and betaine dietary intake and incident coronary heart disease: The atherosclerosis risk in communities (ARIC) study. *BMC Cardiovascular Disorders* 2007;7:20.
46. Laraia BA, Bodnar LM, **Siega-Riz AM**. Pregravid body mass index is negatively associated with diet quality during pregnancy. *Public Health Nutr*. 2007;10(9):920-6.
47. Johnson BA, Herring AH, Ibrahim JG, **Siega-Riz AM**. Structured measurement error in nutritional epidemiology: applications in the Pregnancy, Infection, and Nutrition (PIN) study. *J Am Statistic Assoc* 2007; 102:856-866.
48. Engel SM, Olshan AF, **Siega-Riz AM**, Savitz DA, Chanock SJ. Polymorphisms in Folate Metabolizing Genes and Risk for Spontaneous Preterm and Small-for-Gestational Age Birth. *Am J Obstet & Gyn* 2006;195(5):1231.e1-11.
49. *Kranz S, Hartman T, Siega-Riz AM, Herring AH. A diet quality index for American preschoolers based on current dietary intake recommendations and an indicator of energy balance. *J Am Diet Assoc*. 2006;106(10):1594-604.
50. *Saldana TM, **Siega-Riz AM**, Adair LS, Suchindran C. The Relationship Between Pregnancy Weight Gain And Glucose Tolerance Status Among Black And White Women In Central North Carolina. *Am J Obstet Gynecol* 2006;195(6):1629-35.
51. **Siega-Riz AM**, Laraia B. The implications of maternal overweight and obesity on the course of pregnancy and birth outcomes. *J of Maternal Child Health* 2006;10(5 Suppl):153-6.
52. *Jasti S, **Siega-Riz AM**, Cogswell ME, Hartzema AG. Correction for Errors in Measuring Adherence to Prenatal Multivitamin/Mineral Supplement Use among Low-Income Women. *Journal of Nutrition* 2006;136(2):479-83.
53. **Siega-Riz AM**, Olshan, Werler MM, More C. Fat Intake and the Risk of Gastroschisis. *Birth Defects Research: Part A Clin Mol Teratol* 2006;76:241-245.
54. Laraia BA, **Siega-Riz AM**, Gundersen C, Dole N. "Psychosocial factors and socioeconomic indicators are associated with household food insecurity among pregnant women" *Journal of Nutrition* 2006;136: 177-182.
55. Daniels JL, Savitz DA, Bradley C, Dole N, Evenson KR, Eucker B, Herring AH, **Siega-Riz AM**, Thorp JM. Attitudes toward participation in a pregnancy and child cohort study. *Paediatric and Perinatal Epidemiology* 2006; 20:260-266.
56. **Siega-Riz AM**, Hartzema AG, Turnbull C, Thorp J, McDonald T, Cogswell ME. "The effects of prophylactic iron given in prenatal supplements on iron status and birth outcomes: A randomized controlled trial" *American Journal of Obstetrics and Gynecology* 2006;194:512-19.
57. Erichsen HC, Engel S, Eck PK, Welch R, Yeager M, Levine M, **Siega-Riz AM**, Olshan AF, Chanock S. Genetic variation in the sodium-dependent vitamin C transporters, SLC23A1 and SLC23A2 and risk of preterm delivery. *Am J Epidemiol* 2005;163:245-54.
58. Bulik C, Reba L, **Siega-Riz AM**, Reichborn-Kjennerud T. Anorexia Nervosa: Definition, Epidemiology, and Cycle of Risk. In *J Eat Disord* 2005;37 Suppl S2-9.
59. *Jasti S. **Siega-Riz AM**, Cogswell M, Hartzema AG, Bentley M. Pill Count Adherence to Prenatal Multivitamin/Mineral Supplement Use among Low-Income Women. *J of Nutrition* 2005;135 ;1093-1101.
60. *Vahratian A, Zhang J, Troendle J, **Siega-Riz AM**. Methodological challenges in studying labor progression in contemporary practice. *Paediatric and Perinatal Epidemiology* 2006;20:72-78.

61. *Kranz S, Michell D, Smiciklas-Wright H, **Siega-Riz AM**. Dietary fiber intake by American preschoolers is associated with more nutrient dense diets. *J American Dietetic Association* 2005;105:221-24.
62. *Kranz S, Smiciklas-Wright H, **Siega-Riz AM**, Michell D. Adverse effect of high added sugar consumption on dietary intake in American preschoolers. *J Pediatr* 2005; 146:105-111.
63. Savitz DA, Dole N, Herring AH, Kaczor DA, Murphy J, **Siega-Riz AM**, Thorp JM, McDonald T. Should spontaneous and medically indicated preterm births be separated for studying etiology? *Paediatric and Perinatal Epidemiology* 2005; 19:97-105.
64. Savitz DA, Dole N, **Siega-Riz AM**, Kaczor DA, Kaufman J, Herring, Thorp JM. Probability samples of area birth versus clinic populations for reproductive epidemiology studies. *Paediatric and Perinatal Epidemiology* 2005; 19(4):315-22.
65. *Vahratian A, **Siega-Riz AM** Zhang J, Troendle J, Savitz D. Maternal pre-pregnancy overweight and obesity and the risk of primary cesarean delivery in nulliparous women. *Annals of Epidemiology* 2005;15:467-474.
66. Kim S, **Siega-Riz AM**, Haines PS, Arab L, Popkin BM. A Cross-national Comparison of Lifestyle Between China and the United States, Using a Comprehensive Cross-national Measurement Tool of the Healthfulness of Lifestyles: the Lifestyle Index. *Preventive Medicine* 2004; 38:160-171.
67. **Siega-Riz AM**, Kranz S, Haines P, Guilkey D, Popkin B. The effect of participation in the WIC program on preschooler's diets. *J of Pediatrics* 2004; 144:229-34.
68. *Kranz S, **Siega-Riz AM**, Herring A. Changes in diet quality of American preschoolers between 1977 and 1998. *American Journal of Public Health* 2004; 94(9):1525-30.
69. Laraia B, **Siega-Riz AM**, Evenson KR. Self-reported overweight and obesity are not associated with concern about enough food among adults in New York and Louisiana. *Preventive Medicine* 2004;38: 175-181.
70. Savitz DA, Kaufman JS, Dole N, **Siega-Riz AM**, Thorp J, Kaczor DT. Poverty, education, race, and pregnancy outcome. *Ethnicity and Disease* 2004;14(3):322-9.
71. *Saladana T, **Siega-Riz AM**, Adair L. The effect of macronutrient intake on developing glucose intolerance during pregnancy. *American Journal of Clinical Nutrition* 2004; 79:479-486.
72. *Vahratian A, **Siega-Riz AM**, Savitz DA, Thorp JM. Multivitamin use and the risk of preterm birth. *American Journal of Epidemiology* 2004;160:886-92.
73. *Bodnar L, **Siega-Riz AM**, Davidian M. Marginal Structural Models for Analyzing Causal Effects of Time-Dependent Treatments: An Application in Perinatal Epidemiology. *American Journal of Epidemiology* 2004;159:926-934.
74. *Bodnar LM, **Siega-Riz AM**, Arab L, Chantala K, McDonald T. Predictors of pregnancy and postpartum hemoglobin concentrations in low-income women. *Public Health Nutrition* 2004;7:701-11.
75. *Bodnar LM, **Siega-Riz AM**, Cogswell M. High pregnancy body mass index increases the risk of postpartum anemia. *Obesity Research* 2004;12:941-8.
76. Laraia B, **Siega-Riz AM**, Kaufman J, Jones S. Proximity of Supermarkets in Positively Associated with Diet Quality Index for Pregnancy. *Preventive Medicine* 2004 Nov;39(5):869-75.
77. Satia JA, Galanko J, **Siega-Riz A**. Eating at fast food restaurants is associated with dietary intake, demographic, psychosocial, and behavioral factors among African Americans in North Carolina. *Public Health Nutrition* 2004;7:1089-96.
78. **Siega-Riz AM**, Savitz D, Zeisel S, Thorp J, Herring A. Second Trimester Folate Status and the Risk of Preterm Birth. *American Journal of Obstetrics and Gynecology* 2004;191:1851-7.
79. *Vahratian A, Zhang J, Troendle J, Savitz D, **Siega-Riz AM**. Maternal pre-pregnancy overweight and obesity and the pattern of labor progression in term nulliparous women. *Obstetrics & Gynecology* 2004;104:943-51.
80. **Siega-Riz AM**, Evenson KR, Dole N. Pregnancy-related weight gain--a link to obesity? *Nutrition Reviews*. 2004;62:S105-11.
81. Dole N, Savitz DA, **Siega-Riz AM**, Hertz-Picciotto I, McMahon MJ, Buekens P. Psychosocial Factors and Preterm Birth among African-American and White Women in Central North Carolina. *American Journal of Public Health* 2004;94;1358-65.
82. *Saldna T, **Siega-Riz AM**, Adair LS, Savitz DA, Thorp J. The association between impaired glucose tolerance and birth weight among black and white women in central North Carolina. *Journal of Clinical and Applied Research and Education for Diabetes Care* 2003; 26:656-61.

83. **Siega-Riz** AM, Promislow JE, Savitz DA, Thorp JM, McDonald T. Vitamin C intake and the risk of preterm delivery American Journal of Obstetrics and Gynecology 2003; 189:1-7.
84. Zizza C, **Siega-Riz** AM, Popkin BM. "Who is leading the charge? United States Dietary Trends 1965-96" American Journal of Preventive Medicine 2003;25:1-8.
85. *Jasti S, **Siega-Riz** AM, Bentley M. Dietary Supplement Use in the Context of Health Disparities: Cultural, Ethnic and Demographic Determinants of Use. Journal of Nutrition 2003;133:2010S-2013S.
86. Kim S, Haines P, **Siega-Riz** AM, Popkin B. The diet quality index-international provides an effective tool for cross-national comparison of diet quality: An illustration between China and the US. Journal of Nutrition 2003;133:3476-3484.
87. Dole N, Savitz DA, Hertz-Picciotto I, **Siega-Riz** AM, McMahon MJ, Buekens P. Maternal Stress and Preterm Birth. American Journal of Epidemiology 2003;157:14-24.
88. Savitz DA, Terry JW, Dole N, Thorp J, **Siega-Riz** AM, Herring AH. Comparison of pregnancy dating last menstrual period, ultrasound, and their combination. American Journal of Obstetrics and Gynecology 2002;187:1660-66.
89. *Bodnar LM, **Siega-Riz** AM, Miller B, Cogswell ME. Who should be screened for postpartum anemia? American Journal of Epidemiology 2002; 156:903-912.
90. **Siega-Riz**, AM, Bodnar LM*, Savitz DA. What are pregnant women eating?: Foods contributing most to nutrient intake from a North Carolina Sample. American Journal of Obstetrics Gynecology 2002;186:480-86.
91. Guendelman S and **Siega-Riz** AM. Infant feeding practices and maternal dietary intake among Latino immigrants in California. Journal of Immigrant Health 2002;3:137-146.
92. Nielsen SJ, **Siega-Riz** AM, Popkin BM. Trends in energy intake in the US between 1977 and 1996: Similar shifts seen across age groups. Obesity Research 2002;10: 370-378.
93. *Kranz S. and **Siega-Riz** AM. Socio-demographic determinants of added sugar intake in preschoolers 2-5 years old. J Pediatrics 2002;140(6):667-72.
94. Nielsen SJ, **Siega-Riz** AM, Popkin BM. Trends in food locations and sources among adolescents and young adults. Preventive Medicine 2002;35:107-113.
95. Evenson K, **Siega-Riz** AM, Savitz DA, Lieferman J, Thorp J. Vigorous Leisure Activity and Pregnancy Outcome: The Pregnancy, Infection, and Nutrition Study. Epidemiology 2002; 13: 653-659.
96. *Bodnar LM and **Siega-Riz** AM. A diet quality index for pregnancy detects variation in diet and differences by sociodemographic factors. Public Health Nutrition 2002; 5: 801-809.
97. Meyer R and **Siega-Riz** AM. Trends in Birth Prevalence of Spina Bifida in North Carolina. Morbidity Mortality Weekly Report 2002;51:12-15.
98. Popkin BM, **Siega-Riz** AM, Haines PS & Jahns L. Where is the Fat? Trends in US Diets 1965-96. Preventive Medicine 2001;32:245-54.
99. Jahns, L, **Siega-Riz**, AM, & Popkin, BM. The increasing prevalence of snacking among U.S. children and adolescents from 1977 to 1996. J Pediatrics 2001;138: 493-8.
100. **Siega-Riz**, AM, Herrmann*, T, Savitz, D, Thorp, J. The frequency of eating during pregnancy and its effect on preterm delivery. American Journal of Epidemiology 2001;153: 647-52.
101. **Siega-Riz**, AM & Popkin BM. Dietary trends among low socio-economic status women of childbearing ages in the U.S. from 1977-96: a comparison among ethnic groups. JAMWA 2001; 56:44-48.
102. Zizza, C, **Siega-Riz**, AM, Popkin, BM. Significant Increase in Young Adults' Snacking Between 1977-78 and 1994-96 Represents a Cause for Concern! Preventive Medicine 2001; 32:303-10.
103. **Siega-Riz**, AM, Cavadini C, Popkin BM. Three squares or mostly snacks: Nutrient contribution and differences by select meal patterns. Family Economics and Nutrition Review 2001;13:15-26.
104. *Herrmann, TS, **Siega-Riz**, AM, Hobel, CJ, Aurora, C, Dunkel-Schetter, C. Fasting during Pregnancy Increases Risk for Elevated Maternal Corticotrophin Releasing Hormone Concentrations. American Journal Obstetrics Gynecology 2001, 185:402-12.
105. *Bodnar, LM, Scanlon, KM, Cogswell, ME, Freedman, DS, **Siega-Riz**, AM. High prevalence of postpartum anemia among U.S. low-income women. American Journal of Obstetrics Gynecology 2001, 185:438-43.
106. **Siega-Riz**, AM, Popkin BM, Carson T. Differences in Food Patterns at Breakfast by Socio-demographic Characteristics Among a Nationally Representative Sample of Adults in the US. Preventive Medicine 2000; 30:415-424.

107. Cavadini, C, **Siega-Riz**, AM & Popkin BM. US Adolescents Food Intake Trends from 1965-1996, The Road to Chronic Diseases. *Archives Diseases of Childhood* 2000; 83:18-24.
108. Popkin BM, Haines PS, **Siega-Riz** AM. Dietary patterns and trends in the United States: The UNC-CH approach. *Appetite* 1999; 32:8-14.
109. Haines, P., **Siega-Riz**, AM., Popkin, BM. The Diet Quality Index-Revised: A measurement instrument for populations. *Journal of the American Dietetic Association*.1999;99:697-704.
110. *Carson T, **Siega-Riz**, AM, Popkin BM. The benefits of cereal consumption on the total day's intake by age and ethnicity. *Cereal Foods World* 1999;44:415-422.
111. Hobel CJ and **Siega-Riz** AM. Interventions in The West Los Angeles Prematurity Prevention Project. *Prenatal and Neonatal Medicine* 1998;3 (Suppl 1):1-4.
112. **Siega-Riz**, AM, Popkin BM, Carson T. Trends in breakfast consumption for children in the U.S. from 1965-1991. *The American Journal of Clinical Nutrition* 1998;67(suppl.) 748S-56S.
113. **Siega-Riz**, A.M. & B.M. Popkin. The effect of ethnicity on the benefits of ready-to-eat cereal consumption at breakfast. *The Journal of Food and Nutrition Science* 1998;28(3):145-152.
114. **Siega-Riz**, AM., Adair, LS., Hobel, CJ. Maternal hematologic changes during pregnancy and the effect of iron status on preterm delivery in a West Los Angeles population. *American Journal of Perinatology* 1998;15:515-522.
115. **Siega-Riz** AM & Hobel CJ. Predictors of poor maternal weight gain from baseline anthropometrics, psychosocial, and demographic information in a Hispanic population. *The Journal of the American Dietetic Association* 1997;97;1264-1268.
116. **Siega-Riz**, AM, Popkin BM, Carson T. Three squares or mostly snacks what do teens really eat?: A sociodemographic study of meal patterns. *The Journal of Adolescent Health* 1997;22:29-36.
117. **Siega-Riz** AM, Adair LS, Hobel CJ. Maternal underweight status and inadequate rate of weight gain in the third trimester of pregnancy increases the risk of preterm delivery. *Journal of Nutrition* 1996;126:146-153.
118. Popkin BM, **Siega-Riz** AM, Haines PS. A comparison of dietary trends between racial and socioeconomic groups in the United States. *The New England Journal of Medicine* 1996;335:716-20.
119. Popkin BM, **Siega-Riz** AM, Haines PS. The nutritional impact of fortification in the United States during the 1970's. *Family Economics and Nutrition Review* 1996;9:20-30.
120. **Siega-Riz** AM, Adair LS, Hobel CJ. Institute of Medicine maternal weight gain recommendations and pregnancy outcome in a predominantly Hispanic population. *Obstetrics and Gynecology* 1994;84: 565-573
121. **Siega-Riz** AM and Adair LS. Biological determinants of pregnancy weight gain in a Filipino population. *American Journal of Clinical Nutrition* 1993;57:365-72.

REFEREED UNPUBLISHED ORAL PRESENTATIONS AND/OR ABSTRACTS

Presentations

(Invited presentation) University of North Carolina School of Public Health, Nutrition Assessment & Health Promotion Conference. April 1985. Panel Participant

(Invited presentation) Perinatal Network Annual Conference. 1987 Long Beach, California. Workshop-Feeding problems of the handicapped infant.

(Invited presentation) The State of California Maternal & Child Health Conference. 1988 Santa Anna, California. Nutritional aspects of prematurity.

(Invited presentation) 23rd Annual Public Health Nutrition Update Conference, Chapel Hill 1997. "Consumption Patterns of Hispanic Women in the U.S."

(Invited presentation) Society for Nutrition Education, Montreal Canada 1997. “What the Textbooks Forgot: Real Problems Encountered in Research Design and Data Analysis”. Haines, P., Siega-Riz, AM, and Ann Hartmen.

(Invited Presentation) Food and Nutrition Board and Institute of Medicine’s workshop on Dietary Risk Assessment in the WIC Program, June 1, 2000. “Assessing Dietary Intake and Risk during Pregnancy and Special Considerations in Evaluating Intake in Hispanic Populations.

(Invited Presentation) Annual Meeting of the Society for Epidemiologic Research, Toronto 2001
Abstract: “Assessing Dietary Intake during pregnancy: Food Frequency vs. Biomarkers, which is best?”

(Invited Presentation) CDC-HPDP Branch Monthly Seminar, November 2001. “Selective vs. Universal Iron Supplementation During Pregnancy: Prevention of Third Trimester Anemia”.

(Invited Presentation) NIH Conference on Dietary supplement use in women, Washington DC, January 2002. “Dietary supplement use in the context of health disparities: Cultural/Ethnic/ and demographic determinants”.

(Invited Presentation) Nestle Nutrition Conference also sponsored by The Mexican Health Foundation and the Institute of Nutrition. Conference on Loss of homeostasis in body weight regulation: a population perspective. September 12-13, 2002 Mexico City. “Pregnancy related weight gain: a link to obesity”.

(Invited Presentation) National Association WIC Directors My 24th 2003 “Pregnancy weight gain recommendations”.

(Invited Presentation) University of Cincinnati, Division of Nutrition. October 17th, 2003. “Case Study: How the University of North Carolina at Chapel Hill, School of Public Health and Medicine, developed a successful research program in the area of pregnancy and nutrition—The Pregnancy, Infection, and Nutrition Enterprise”

(Invited Presentation) Secretary's Advisory Committee on Infant Mortality (SACIM), Washington, DC March 30th 2004. “Maternal obesity and its effects on pregnancy outcome and the consequences for women post-delivery”.

(Invited Presentation) National Children’s Longitudinal Study. September 21-22nd 2004 Washington DC. “Assessing Dietary Intake during Pregnancy”

(Invited Presentation) March of Dimes Annual State Meeting. October 12th 2004 Greensboro NC. “Nutritional determinants of prematurity.”

(Invited Presentation) Western Perinatal Meeting, Banff Canada February 18th 2005. “Nutritional determinants of Prematurity” and “Measuring diet quality in pregnant women”.

(Invited Presentation) East Chapel Hill High School, Chapel Hill NC February 25th 2005. “Adolescent eating habits and the obesity epidemic”

(Invited Presentation) National Birth Defects Prevention Meeting, Scottsdale Arizona January 25th 2005. “Fat intake and the risk of gastrochisis”

(Invited Presentation) Norwegian Public Health Institute, Oslo Norway, April 4th 2005 “Prenatal determinants of obesity”

(Invited Presentation) National Folic Acid Council, Atlanta Georgia June 22nd. “Update on the new WIC food package”.

(Invited Presentation) The 2nd China-US Conference Research Roundtable Sessions. Texas A&M and Peking University. November 16-17, 2005. “Maternal nutritional status and birth defects”.

(Invited Presentation) The 6th International Conference on Dietary Assessment Methods, Copenhagen, Denmark April 27-29, 2006. “Assessing children’s diet with innovative technology” and “The assessment of diet during pregnancy”.

(Invited Presentation) Norwegian Public Health Institute, Oslo Norway December 1, 2006. Maternal Nutrition During Pregnancy: Lessons Learned from the Pregnancy, Infection, and Nutrition Study.

(Invited Presentation) Obstetric Grand Rounds Cedars Sinai Medical Center, Los Angeles CA August 15, 2007. Maternal Nutrition During Pregnancy: What do we really know?

(Invited Presentation) North Carolina State WIC Nutritionist Meeting, Durham NC September 13, 2007. Weight Gain in Pregnancy and its Relationship to Postpartum Weight Retention.

(Invited Presentation) American Dietetic Association Annual Meeting, Philadelphia PA, September 30, 2007. Maternal Obesity and Pregnancy Outcomes.

(Invited Presentation) University of South Carolina Nutrition Center Seminar, January 25, 2008. Assessing children’s diets: How far have we come?

(Invited Presentation) National Institute of Environmental Health Sciences, Durham NC, February 1, 2008. Maternal Obesity: The number one problem facing obstetricians in the new millennium.

(Invited Presentation) National Birth Defects Network Meeting, Washington DC, February 11, 2008. Maternal Obesity, Diabetes, and Nutrients: Their role in birth defects.

(Invited Presentation) University of Arkansas USDA Children’s Research Center. May 22, 2008. Maternal Obesity: The number one problem facing obstetricians in the new millennium.

(Invited Presentation) American Dietetic Association Annual Meeting, Chicago IL, October 22 2008. Maternal Weight Gain: The Scientific Evidence.

(Invited Presentation) 57th Annual Clinical Conference for the American College of Obstetricians and Gynecologists (ACOG) scheduled for May 4th in Chicago, IL. Focus on Preconception Folate Counseling.

(Invited Presentation) The Society for Perinatal and Pediatric Epidemiologic Research Annual meeting, Anaheim, CA June 23 2009. Introduction to the IOM gestational weight gain guidelines and review.

(Invited Presentation) The Obesity Society Annual meeting, Washington DC October 2009. Determinants and consequences of excess pregnancy weight gain.

(Invited Presentation) Nurse Practitioners Annual meeting, Providence RI. October 2009 Focus on Preconception Folate Counseling.

(Invited Presentation) The American Dietetic Association Annual Meeting, Denver Colorado. October 2009. The Feeding Infants and Toddler Study-Food group intakes.

(Invited Presentation) Michigan State University-Dept of Epidemiology. April 8, 2010. The effect of maternal obesity on childhood weight status: An exploration of possible mechanisms using the data from the Pregnancy, Infection and Nutrition Study”

(Invited Presentation) National Association of WIC Directors, Milwaukee, WI. May 4th 2010. “Current Food Consumption Patterns of Children Participating in WIC from FITS“.

(Invited Presentation) American Academy of Pediatrics CME Symposium on Optimal Feeding of Infants and Young Children by Haymarket Medical Education, San Francisco CA, October 4, 2010. “Dietary patterns of infants and young children before and after weaning”.

(Invited Presentation) 68th Nestle Nutrition Institute Workshop on Early Nutrition: Impact on short and long term health. Washington DC, October 17-21. “Weaning practices in the US: New findings from the Feeding Infants and Toddlers Study FITS 2008”.

Presented Abstracts

Presented at the Annals of the New York Academy of Sciences, Maternal, Nutrition and Pregnancy Outcome in May 17-20 1992, San Diego, CA.

Abstract: "Biological determinants of pregnancy weight gain in a Filipino population" Siega-Riz ,AM and Adair LS.

Presented at the American Dietetic Association in October of 1993, Anaheim, CA.

Abstract :"Nutritional Determinants of Prematurity" Siega-Riz, AM Adair, LS and Hobel CJ.

Presented at FASEB at Atlanta GA in April 1995.

Abstract : "Lactation has long term depletive effects on maternal energy reserves" Adair, LS and Siega-Riz ,AM .

Presented at the American Public Health Association in San Diego 1995.

Abstract: "Predictors of poor maternal weight gain from baseline anthropometrics, psychosocial, and demographic information in an Hispanic population" Siega-Riz ,AM and Hobel, CJ.

Presented at FASEB in April of 1996.

Abstract: “A comparison of the determinants of term intrauterine growth retardation with preterm births in a Hispanic population@ by Siega-Riz, AM, Adair, LS, and Hobel, CJ.

Abstract: "A comparison of dietary trends between racial and socioeconomic groups in the United States" by Popkin, BM, Siega-Riz ,AM, and Haines, PS;

Abstract At risk eating patterns of U.S. adolescents@ by Carson T, Siega-Riz ,AM, and Popkin, BM.

Presented at the American Public Health Association in New York 1996.

Abstract: "Dietary trends of low socio-economic status Hispanic women in the U.S. from 1977-94: A comparison with African-Americans and Anglos." Siega-Riz, AM and Popkin, BM.

Presented at FASEB in New Orleans 1997.

Abstract: “Does ethnicity affect breakfast consumption patterns” Siega-Riz, AM and Popkin BM.

Abstract: “The benefits of cereal consumption on the total day’s intake by age and ethnicity”

Carson, T, Siega-Riz, AM, and Popkin BM.

Presented at the International Congress of Nutrition in Montreal Canada 1997.

Abstract: “Meals and Snacks: Nutrient Contribution and Differences According to Selected Eating Patterns for U.S. Adolescents”. Siega-Riz, AM, Cavadini, C, Popkin, BM, and Dirren ,H.

Abstract: “U.S. Adolescent Food Intake Trends from 1965-1991: the Road to Chronic Diseases”.

Cavadini, C, Siega-Riz, AM, Dirren, H, and Popkin, BM.

Presented at FASEB in San Francisco 1998.

Abstract: “Red cell folate status in the 2nd trimester of pregnancy and its relation to birth outcomes”.

Siega-Riz, A.M , Bodnar, L, Switzer, B. and Savitz, D

Abstract: “The Diet Quality Index-Revised: A Measurement Instrument for Populations”. Haines, P., Siega-Riz, A., and Popkin, BM.

Presented at the American Public Health Association in Washington D.C. 1998.

Abstract : “Meal Patterning during pregnancy and its association with preterm births”. Siega-Riz, A.M., Savitz, D., Thorp, J., and Herrmann, T.

Abstract : “Supplement use preconceptionally and during pregnancy: Does it decrease the risk of preterm births?” Siega-Riz, A.M., D. Savitz, Thorp, J., and Bodnar L.

Presented at FASEB, Washington D.C. in 1999.

Abstract : “Snacking trends in the US from 1977 to 1996: How important is snacking to our diet?” Siega-Riz, A.M., Popkin, B.M., and Zizza, C.

Abstract : Where is the Fat? Trends in US Diets 1965-96". Popkin, BM, Siega-Riz, AM, Haines, PS and Jahns, L.

Presented at the Society for Perinatal and Pediatric Epidemiologic Research in Baltimore 1999.

Abstract: “What are pregnant women eating?: Food contributing most to nutrient intake from a North Carolina Sample”. Siega-Riz, AM, and Savitz, D.

Abstract : “The association between fasting and preterm birth”. Herrmann, T. ,Siega-Riz, A.M., Savitz, D., and Thorp, J.

Presented at FASEB, San Diego in 2000.

Abstract: “A High prevalence of postpartum anemia among U.S. low income women”. Bodnar,LM, Scanlon, KM, Cogswell, ME, Freedman, DS, and Siega-Riz, AM.

Abstract : “The increasing prevalence of snacking among U.S. children and adolescents from 1977 to 1996". Jahns, L, Siega-Riz, AM, and Popkin, BM.

Abstract: “Increase in snacking among young adults should be of concern”. Zizza C, Siega-Riz AM, and Popkin BM.

Presented at the Society for Perinatal and Pediatric Epidemiologic Research in Seattle 2000.

Abstract : “Trends in blood folate levels among pregnant women living in North Carolina: Is food fortification making a difference?” Siega-Riz AM, Savitz D, and Zeisel

Presented at the American Public Health Association, Boston 2000.

Abstract: “A diet quality index for pregnancy” Bodnar LM and Siega-Riz AM.

Presented at the Population Association of America, Washington DC, 2001.

Abstract: “ Psychosocial factors and preterm birth among African-American and white women. Dole N, Savitz DA, Siega-Riz AM.

Presented at FASEB, Orlando 2001.

Abstract: “Selective vs Universal Iron Supplementation During Pregnancy: Prevention of Third Trimester Anemia.” Siega-Riz AM, Hartzema A, Thorp J,McDonald T, Turnbull C, Cogswell M.

Abstract: ” Perceived Seriousness of Anemia Relative to Other Diseases Among Pregnant Women.” Jasti S, Siega-Riz AM, Hartzema A.

Abstract: “Iron Supplementation of Women with Good Iron Stores does not Impact Prevalence of Postpartum Anemia.” Bodnar L, Siega-Riz AM, Cogswell M.

Presented at the Society for Perinatal and Pediatric Epidemiologic Research in Toronto 2001.

Abstract : “Is there an association between maternal folate status in the second trimester and preterm birth?” Siega-Riz AM, Savitz D, Zeisel S. and Thorp J.

Abstract: “Women with impaired glucose status during pregnancy have heavier babies.” Saldana TM, Siega-Riz AM, Adair LS, Davitz DA, Thorp JM Jr.

Abstract: “Comparison of pregnancy dating by last menstrual period, ultrasound, or their combination”. Savitz DA, Terry JW, Dole N, Thorp JM, Siega-Riz AM, Herring A.

Presented at the American Public Health Association, Atlanta 2001.

Abstract: “Where are US children getting their food from?: An examination of nutrient quality by food source”. Siega-Riz AM, Kranz S, Haines P, Guilkey D, Lin BH, Popkin B

Abstract: “Socio-demographic determinants of added sugar intake in preschoolers 2-5 years old”. Kranz S. and Siega-Riz AM. **Student Prize recipient from the Food and Nutrition Section.**

Presented at the Society for Perinatal and Pediatric Epidemiologic Research in Palm Desert Springs, California 2002.

Abstract: “Risk factor profile of spontaneous and medically indicated preterm births”. Savitz D, Dole N, Herring A, Kaczor D, Murphy J, Siega-Riz AM, Thorp J.

Abstract: “Maternal style of coping with stress and adequacy of total gestational weight gain”. Ferrari RM, Siega-Riz AM, Dole N.

Abstract: “Marginal structural models for estimating the causal effect of prenatal iron supplementation on risk of postpartum anemia.” Bodnar LM, Siega-Riz AM, Davidan M.

Abstract: “Multivitamin use and the risk of preterm birth.” Vahratian A, Siega-Riz AM, Savitz DA, Thorp J.

Presented at the Society for Epidemiologic Research in Palm Desert Springs, California 2002.

Abstract: “Who should be screened for postpartum anemia?” Bodnar LM, Siega-Riz AM, Miller B, Cogswell ME. **Student Prize recipient**

Presented at the Society for Perinatal and Pediatric Epidemiologic Research in Atlanta, Georgia 2003.

Abstract: “The effect of fish intake on delivering preterm”. Siega-Riz AM, Herring A, Savitz DA, and Daniels J.

Abstract: “Probability Samples of Area Births Versus Clinic Populations for Reproductive Epidemiology Studies”. Savitz DA, Dole N, Siega-Riz AM, Kaczor D, Kaufman J, Herring A, Thorp J.

Presented at the American Public Health Association, San Francisco California 2003.

Abstract: “Pregavid obesity is associated with poor diet quality during pregnancy”. Laraia BA, Bodnar LA, and Siega-Riz AM.

Presented at FASEB, Washington, DC 2004.

Abstract: “The effect of a high glycemic load diet on developing gestational diabetes” Siega-Riz, AM and Neblock J.

Presented at the Society for Perinatal and Pediatric Epidemiologic Research in Salt Lake City, Utah June 2004.

Abstract: Maternal pre-pregnancy overweight and obesity and the risk of primary cesarean delivery in nulliparous women. Vahratian A, Siega-Riz AM Zhang J, Troendle J, Savitz D. **(Won the student Prize Award)**

Presented at the American Public Health Association, Washington D.C.

Abstract: Food security and pregnancy outcomes. Laraia BA, Siega-Riz AM, Gundersen C.

Presented at the Society for Perinatal and Pediatric Epidemiologic Research, Toronto Canada June 2005.

Abstract: “Serum transferrin receptor and preterm birth” Siega-Riz, Savitz, Herring, Kaczor, Thorp.

Presented at American College of Sports Medicine meeting in Denver, CO May 2006. **Abstract** Barriers to physical activity for pregnant women: Qualitative and quantitative evidence from the PIN3 and PIN Postpartum Studies. Evenson KR, Siega-Riz AM, Carrier, KS, Neevel N. Med Sci Sport Exercise. (2006), 38(5 supplement), S253.

Anna Maria Siega-Riz

02/25/11

Presented at Society for Perinatal and Pediatric Epidemiologic Research, Seattle, WA, June 2006.

Abstract: “The association between dyslipidemia and preterm delivery”. Siega-Riz, Howard, Savitz, Thorp.

Presented at The Society of Behavioral Medicine's 28th Annual Meeting March 21-24, 2007, Washington, DC. **Abstract:** “Psychological Adjustment and Health Behaviors in Pregnancy by Pregravid BMI Status”. Best J, Siega-Riz AM, Dole Nancy, Evenson, K

Presented at Experimental Biology, Washington,DC. April 2007. **Abstract poster:** “Energy density , glycemic load and gestational weight gain”. Deierlein, A, Siega-Riz AM, Herring A.

Presented at Society for Perinatal and Pediatric Epidemiologic Research, Boston, MA, June 2007. **Abstracts Posters:** Maternal attitude toward pregnancy weight gain as a predictor of adequate weight gain. RM Ferrari*, AM Siega-Riz, MK Moos. Body image dissatisfaction and gestational weight gain. UJ Mehta*, AM Siega-Riz, A. Herring. Dietary restraint and gestational weight gain. SL Mumford,* AM Siega-Riz, A Herring.

7th International Conference on Diet and Activity Methods, Washington DC, June 2009

Abstract Posters: Revision of the Food Propensity Questionnaire for the Hispanic Community Health Study. Siega-Riz AM, Himes J, Stevens M, Miles A, Shor-Posner G, Gellman M, Mossavar-Rahmani J, Isasi C, Reed C, Ayala S, Van Horn L, Loria C.

Dietary assessment methodology in diverse Latino groups: Hispanic Community Health Study/Study of Latinos. Himes JH, Stevens M, Miles A, Shor-Posner G, Gellman M, Mossavar-Rahmani J, Isasi C, Reed C, Ayala S, Van Horn L, Daviglius M, Chambless L, Siega-Riz AM, Loria C.

Presented at Society for Perinatal and Pediatric Epidemiologic Research, Anaheim CA, June 2009

Abstract Poster: The effect of pregravid BMI and gestational weight gain on child BMI
AL Deierlein, AM Siega-Riz, A Herring

Workshops

International Workshop on The Safety of Vitamin A for Women of Reproductive Age sponsored by Hoffman La Roche LTD and Thomas Jefferson University December 1996 (Invited participant).

NIH National Institute of Nursing Research March 3rd 2003 Bethesda Maryland. Workshop on Optimizing Birth Outcomes. Panel Discussant.

The National Children’s Study- Dietary Assessment in a prospective epidemiological study of pregnant women and their offspring workshop, Silver Spring MD Sep 21-22 2004. “Assessment of dietary intake during pregnancy”.

Institute of Medicine, Washington DC May 30-31st. Planning Committee on the impact of pregnancy weight gain on maternal and child health. Panel Discussant.

TEACHING ACTIVITIES DURING THE PAST THREE YEARS:

Co-Instructor for: Nutrition/Maternal and Child Health 111-Maternal, Infant and Child Nutrition
Fall 2008 – 42 students; Fall 2007 – 34 students, Fall 2006 – 29 students

Co-Instructor for: Nutrition 360- Analytical Methods in Nutritional Epidemiology Fall 2007

Lead Instructor for: Nutritional Epidemiology Nutri/EPI 259 Spring 2007 – 35 students, Spring 2006 – 33 students

Lead Instructor for: Advanced Seminar in Reproductive and Perinatal Epidemiology EPID 853
Spring 2008 – 9 students

Lecturer for:

Epidemiology 219- Reproductive Epidemiology

Nutrition 251- Public Health Nutrition Management

Maternal and Child Health 210- Maternal and Infant Health and Family Planning

Outside of UNC

National Nutrition Intensive Course at Minnesota sponsored by **MCHB and HRSA**: 1999 Maternal Weight Gain and Iron Controversies; 2000 Nutrition and Pre-eclampsia and Weight gain in the obese pregravid; 2001 Weight gain and preterm birth, The relationship between supplement use and birth defects.

Advanced Level Epidemiology Program at the University of Heidelberg/Summer School July 23 - 27, 2007: Nutrition Epidemiology and at The University of Ilum July 27-31, 2009.

Direction of Doctoral Research for:

Tina Saldana (Co-Chair) Nutri	Impaired Glucose Tolerance During Pregnancy, 2002
Tracy Herrmann Nutri	The Relationship Between Fasting and Preterm Birth, 1999
Sunitha Jasti Nutri	Determinants of Compliance with Prenatal Supplements, 2003
Lisa Bodnar Nutri	Determinants of Postpartum Anemia, 2002
Sibylle Kranz Nutri	Development of a Diet Quality Index for Preschoolers, 2002
Deborah Dee MCH (chair until 05)	Evaluation of an In-home Breastfeeding Program, 2007
Anjel Vahratian MCH	Pregravid Weight Status and the Progression of Labor, 2004
Renee Ferrari MCH	The Influence of Provider Advice & Maternal Attitudes on Weight Change & Physical Activity During Pregnancy & Postpartum, 2008
Ushma Mehta Nutri	The effect of maternal BMI, depression, and body image on infant feeding decisions, 2010
Andrea Deierlein, Nutri	The effect of gestational weight gain on childhood outcomes, 2010
Jesse Metzger, Epi	Classes of Physical Activity: Association with Socio-demographic characteristics and health outcomes, 2009
Marit Kington, Epi	Maternal Physical Activity: Associations with Birth Outcomes, 2010
Sunni Mumford, Epi	The effect of the menstrual cycle on metabolic processes, 2009
Maureen Cooney, Epi	In Utero Environmental Exposures and Reproductive Endpoints: the effect of tobacco smoke and diethylstilbesterol on age at menarche, endometriosis, and infertility, 2008
Zwede Demissie, Epi	Physical Activity and Depression during Pregnancy, 2010
Eric Norwicki, Epi	Measurement error of dietary energy intake during pregnancy and its influence on the association between maternal carbohydrate quality and fetal growth. 2010
Chantel Martin, Epi	TBA
Elizabeth McClure, Epi	TBA
Alan Kinlaw, Epi	TBA
Kapuaola Gellert, Epi	TBA

Direction of Master's Research for:

Maternal and Child Health

Cathy Goldschmidt- Prevention of neural tube defects: Assessment of folate status of Hispanic women in the US, 1999

Hayley Holland Using obstetric data to study referral patterns in Guatemala, Mother Care Project, 1999

Joy Fishel The influence of self esteem and parental communication on having had sex among adolescents, 2000

Christi Gonzales The health and well-being of mothers of children with chronic health conditions: A critical review of the literature, 2000

Kathryn Cook Community Participatory Research, 2000

Sophie Petrusz, MD Pregravid overweight status and birth outcome among adolescents, 2001

Lisa Gail Thomas Adolescents Sexual Behavior in Romantic Relationships, 2002

Aparna Kaur Life Skill Education' among adolescent girls in urban slums of Chennai, India, 2002

Shelly Summerlin-Long Food Security and Eating Behaviors During Pregnancy Among Women in Rosario, Argentina, 2003

Jennifer Wilson Not too big, not too small'':ideal body image determinants among african american, latina and white women, 2004

Erika Martin Integrating family planning and voluntary counseling and testing services in Ghana: A rapid programmatic assessment, 2005

Melissa Grabofski Gender And Sexual Experience: Shaping Brazilian Adolscents' Perceptions Of Condom Use In Rio De Janeiro, 2005

Mindy Steinberg Public health impact of legal vs. illegal abortion, 2006

Jessica Levy Reaching The Goals Of Cairo: Male-Involvement In Family Planning, 2006

Nutrition

Liz Shaio The Wilkins Center for Eating Disorders and Weight Control, 2000

Melissa Sledge The California 5-a-day Power Play Campaign, 2000

Sara Benjamin Girls rule project-Childhood Obesity, 2001

Elizabeth Pearse International Food Council, 2002

Heather Wasser The North Carolina BEAUTY (Bringing Education And Understanding To You) and Health Project: Creating Relevant Health Messages for Local African American Women, 2003

Beth Ann Hughes Evaluation of Nutrition programs in the YMCA of Charlotte, 2005

Jennifer Sussman The Healthy Kids, Healthy Communities Initiative: A Multi-level Intervention Targeting Childhood Overweight Prevention and Reduction in Durham's Public Elementary Schools, North Carolina, 2005

Crystal Jackson School Nutrition Association; An evaluation of the local wellness policy, 2006

Stacey Moritz Confronting Childhood Overweight in North Carolina Elementary Schools, 2007

Fatima Azim 2010

Cheryl Monliatto TBA

Epidemiology
Diana Dolisnksy TBA
MD-

SUPERVISION OF UNDERGRADUATE STUDENTS AT UNC

Dates	Student's Name	Department/Program
1997-98	Lisa Bodnar	Nutrition/Undergraduate Honors Thesis
2001-3	Amanda Richardson	Nutrition/Undergraduate Honors Thesis
2003-4	Jessica Nieblock	Nutrition/Undergraduate Honors Thesis
2004-5	Glaivey Batsuli	Nutrition/Undergraduate Honors Thesis
2005-6	Barbara Frank	Nutrition/Undergraduate Honors Thesis
2005-6	Megan Larson	Nutrition/Undergraduate Honors Thesis
2006-08	Laura Carrol	Nutrition/Undergraduate Honors Thesis
2007-09	Cameron Watkins	Nutrition/Undergraduate Honors Thesis
2009-2010	Lane Erickson	Nutrition/Undergraduate Honors Thesis

Service on Doctoral Committees

I have served as a member of 24 other doctoral student committees at UNC from the Departments of Nutrition, Maternal and Child Health, Epidemiology, and Biostatistics since 1995.

GRANTS (Principal Investigator):

Title: Vitamin D and Preterm Birth (CDC subcontract to Battelle, Nov 2010-Oct 2011, Total Direct \$144,000) PI of subcontract

Title: North Carolina National Children's Study Center-Nutrition Formative Study (HHSN2672200700049C, October 2010-September 2011, Total~ \$200,000) PI

Title: Intrauterine and Early Childhood Factors Related to Weight Status at Age 3 (Center for Excellence in Child Nutrition at UNC, July 2008-June 2010, Total Direct \$60,000)

Title: Training Program in Reproductive, Perinatal and Pediatric Epidemiology (T32HD052468, April 2008-March 2013, Annual Direct 187,613)

Title: North Carolina National Children's Study Center (HHSN2672200700049C, October 2007-September 2012) Co-PI

Title: Adverse Maternal and Child Health Outcomes Associated with Gestational Weight Gain-A systematic evidence based review (AHRQ Contract January 2007-March 2008, Total Direct \$92,537) PI at UNC.

Title: Pregnancy Related Weight Gain: A link to Obesity (NIDDK DK061981-04 August 2002-May 2008 Total Direct-\$1,749,000)

Anna Maria Siega-Riz

02/25/11

Title: Camera Cell Phone-Innovative Technology to Measure Dietary Intake in Children (UNC-Dept of Nutrition LINC July 04-June 05 Total Direct \$50,000)

Title: The Women's Health Inter-Disciplinary Network (UNC-CH Health Affairs Interdisciplinary Education Grant January 2002-December 2002 \$15,438)

Title: The Development of A Diet Quality Index for Preschool Children and Its Application in Examining Dietary Trends in The U.S. (USDA Small grants September 2001-2002 Direct-\$23,000 and Institute of Nutrition/CDC \$15,000)

Title: Effects of Food Security on Pregnancy Outcomes (USDA Oct 2000-Sept 2003, Annual Direct-\$227,272)

Title: The Development and Validity of Prenatal Weight Gain Grids (Subcontract -University of Minnesota (MCHB), September 2000-August 2001, Direct-\$11,600)

Title: Determinants of Postpartum Anemia (ASPH/CDC Oct 2000-Sept 2001, Direct-\$10,868)

Title: Prenatal Supplement Use: Effect of Health Beliefs and Perceptions on Compliance Among Pregnant Women (Institute of Nutrition July 2000-June 2001, \$3,700)

Title: NIH Clinical Nutrition Research Center Pilot Grants-The Epidemiology of Glucose Intolerance during Pregnancy and its Impact on Long Term Maternal and Child Health Status (NIDDK Oct 1999-Sept 2001 Direct-\$40,000)

Title: Fasting During Pregnancy as a Determinant of Preterm Delivery (Institute of Nutrition July 1998-June 1999, \$4,500)

Title: Maternal Folate Status and Preconceptional Supplement Use of Women Enrolled in the PIN Study (Institute of Nutrition July 1997-June 1998, \$4,500)

Title: A Clinical Trial of Iron Supplementation during Pregnancy Principal Investigator ASPH/CDC Cooperative Agreement October 1996-October 1999 (Annual Direct- \$267,369)

Title: The Nutritional Status of Women in Preterm Labor (Department of Nutrition: Human Clinical Nutrition-Related Research Award September 1995-August 1996 \$10,000)

Title: Determinants of Adverse Pregnancy Outcomes: An Integrated Socio- Biomedical Approach for Explaining Ethnic Differences (UNC-Minority Health Research Education Center Grant March 1995-August 1995 \$6221)

Title: Dietary Factors and Adverse Birth Outcomes NIH-NRSA (Postdoctoral Fellowship Funded by the Agency for Health Care Policy and Research November 1994-1996 Direct-\$52,300)

Title: NIGMS-Minority Predoctoral Fellowship (declined) 1991

Title: NICHD-Minority Predoctoral Supplement 1991-1993

Title: Public Health Service Traineeship 1989-90

GRANTS (Co-Investigator):

Title: Genetic Susceptibility Factors in the Etiology of Neuroblastoma (NCI August 2008 – July 2013, Annual Direct \$462,431)

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Title: Hispanic Community Health Study (NHLBI October 2006-September 2012, Annual Direct \$2,361,496)

Title: Clinical Nutrition Research Center, Nutrition Epidemiology Core (NIDDK April 2006-March 2011, Annual Direct \$749,322)

Title: Understanding Change in Physical Activity Postpartum (NCI September 2004-August 2009, Total Direct-\$1,546,000)

Title: Eating Disorders during Pregnancy in 100,000 Births (NICHD December 2004-November 2007, Total Direct-\$1,444,596)

Title: Physical Activity in Youth--Preventing Type 2 Diabetes: Studies to Treat or Prevent Pediatric Type 2 Diabetes (STOPP-T2D (NIDDK March 2002-February 2009 Annual Direct-\$1,169,587)

Title: North Carolina Birth Defects Research and Prevention Center (CDC September 2008- August 2013 Annual Direct-\$914,350)

Title: Infant Care, Feeding, and Risk of Obesity (NICHD July 2002-June 2007, Total Direct-\$1,744,556)

Title: Placental Vascular Compromise and Preterm Delivery (NICHD September 2001-August 2006, Total Direct-\$1,974,000)

Title: Understanding Child Nutrition in the Year 2000: Dynamic shifts and their determinants (USDA January 2000-December 2002, Annual Direct-\$200,000)

Title: Epidemiology of Exertion, Stress and Preterm Delivery (NICHD December 1999- November 2005, Total Direct-\$2,530,270)

Title: Influence of Iron, Zinc, and Folate on Preterm Delivery (NIH January 1999-December 2001, Total Direct-\$1,389,432)

PUBLIC AND PROFESSIONAL SERVICE ACTIVITIES:

School of Public Health

Dean's Search Committee 2004

Biostatistics Chair Search Committee 2005

Department of Epidemiology

Admissions Committee 2005-present

Faculty Search Committee (Pharmacoepidemiology) 2008

Chair of Faculty Search Committee 2009-2010

Department of Maternal and Child Health

Master's Committee 1998-2001, 2003-5

AHEC Reproductive Network-Grant Reviewer

Faculty Search Committee (Latin America and Africa) 2001

Space Committee for SPH 2003, 2004, 2005

Faculty Search Committee (Child Health and the Environment) 2004

Department of Nutrition

Doctoral Comprehensive Exam Committee 1997-98

Delta Omega Liaison 1996-1998

Bachelor of Science in Public Health Degree Program Committee 1999-2000

Master of Science in Public Health Degree Program Committee 2001-2003
Faculty Search Committee (Nutritional Epidemiology) 2001, 2005
Chair of Faculty Search Committee (Nutritional Epidemiology) 2006
Faculty Search Committee (Kannapolis Nutrition Epidemiology Position) 2007

Service to the Disciplines of Public Health, Nutrition, and Reproductive Epidemiology

Universities

UC Davis-Department of Nutrition-External Reviewer of their Master's Public Health Nutrition Program
2005
Tulane School of Public Health-External Reviewer of their Department of Community Health Science
2006

National Institutes of Health

NICHD Study Section- P01 Grant application March 9th 2004
Under the direction of Rita Anand, Ph.D. Scientific Review Administrator

Adhoc reviewer-June and October 2004 Community Level Health Promotion Study Section
Under the direction of Bill Small, PhD. Scientific Review Administrator

NICHD Tenure Review of Jun Zhang (external reviewer) May 2005

Study Section Member-2005-2008, Infectious Disease, Reproductive Health, Asthma, and Pulmonary
Epidemiology (ZRG1 IRAP-Q 01 Q)

Special Review Diet/Physical Activity Measures (GEI), April 18-19 2007

Panel Member reviewer for NICHD Division of Epidemiology, Statistics, and Prevention, September 24-
26, 2008

Challenge Grant Reviewer June 2009

Center for Disease Control and Prevention

Study Section Chair-Pilot Lifestyle Interventions for Pregestational Diabetes or Gestational Diabetes,
May 2009.

USDA

Economic Research Services-Small Grant Reviewer June 2005, 2010

National Academy of Sciences-Institute of Medicine

Evaluation of the WIC food package-Committee member 2004-2005
Reexamination of the IOM Pregnancy Weight Guidelines-Committee member 2008-2009
Standards for Systematic Reviews of Clinical Effectiveness Research-Committee member 2009-2011

American Public Health Association

Governing Council 2003-2005
Program Chair for the 1999 Annual Meeting
Section Council Member (1998-2001)
Food and Nutrition Section Newsletter Editor (April 1996-March 1998)
Abstract reviewer 1997-2005
Presider 1997-2001

American Society for Nutritional Sciences

Co-Chair for the FASEB 1998 mini symposium on Biological Markers of Dietary Exposure and Program
Chair for Dietary Assessment topics.

Society for Paediatric and Perinatal Epidemiology

Abstract Reviewer 2000 –2005
Secretary 2001-2004
President-elect 2005-06
President 2006-07

Journal Reviewer for:

Journal of Clinical Epidemiology,
Journal of Obstetrics & Gynecology
Preventive Medicine
Journal of Maternal and Child Health
Pediatrics and Perinatal Epidemiology
American Journal of Epidemiology
Public Health Nutrition
Journal of the American College of Obstetrics and Gynecology
Journal of Women's Health
Annual's of Epidemiology
Epidemiology
American Journal of Clinical Nutrition
Journal of Nutrition
European Journal of Clinical Nutrition
European Journal of Obstetrics and Gynecology
Obesity Research
Journal of the American Medical Association
International Journal of Obstetrics and Gynecology
Lancet

Grant Reviewer for:

Thrasher Foundation
Canadian Institute of Health Research

Affiliations

American Dietetic Association
North Carolina Dietetic Association
American Public Health Association
American Nutrition Society
Society for Pediatric and Perinatal Epidemiological Research
Society for Epidemiologic Research
American College of Epidemiology-Fellow
Delta Omega-The Honorary Public Health Society
UNC-School of Public Health Alumni Association

Service to the State of North Carolina

Instructor for: the NC State Department of Human Resources, Division of Maternal and Child Health-Pediatric Nutrition Course (September 23 & 24 1997)

Several invited talks to the State WIC Nutritionists Annual Meeting 2005, 2007, 2010

Council Member of:

The Health and Human Service Committee of the Governors Advisory Council on Hispanic/Latino Affairs Jan 1999-2001
The NC Folic Acid Council (member) 1999-2002

Anna Maria Siega-Riz

02/25/11

Service to Private Sector

Consultant to Ortho McNeil 2001-2003

Scientific Advisory Panel Member for the Feeding, Infants and Toddlers Study 2008-Gerber Products Industry 2007-2010

Consultant on a grant to “Improve Nutrition and Health Outcomes in Rural Honduras: Shoulder to Shoulder and the Mathile Institute Partnership for the Advancement of Human Nutrition in Women and Children” 2008-2010

Advisory Board for Arkansas Children’s Research Institute 2010-present

Advisory Board for the Robert Wood Johnson Foundation’s Healthy Weight Commitment Effort 2010-present