

119. Chambers BA, **Guo SS**, Siervogel RM, Hall G, Chumlea WmC. Cumulative effects of cardiovascular disease risk factors on quality of life. *JNHA* 6:(3) 110-115, 2002.
120. Chumlea WmC, Wisemandle W, **Guo SS**, Siervogel RM. Relations between frame size and body composition and bone mineral status. *Am J Clin Nutr* 75(6):1012-1016, 2002.
121. Ogden CL, Kuczmarski RJ, Flegal KM, Mei Z, **Guo SS**, et al. CDC 2000 growth charts for the United States: Improvements to the 1977 NCHS version. *Pediatrics* 109(1):45-60 Jan 2002.
122. **Sun, SS**, Schubert CM, Chumlea WC, Roche AF, Kulin HE, Lee PA, Himes JH, Ryan AS. National estimates of the timing of sexual maturation and racial differences among U.S. children. *Pediatrics* 110 (5) 911-919, 2002.
123. Kuczmarski RJ, Ogden CL, **Guo SS**, Grummer-Strawn LM, Flegal KM, Mei Z, Wei R, Curtin LR, Roche AF, Johnson CL. 2000 CDC Growth Charts for the United States: Methods and Development. National Center for Health Statistics, *Vital and Health Stat* 11(246), 1-190, 2002.
124. WC Chumlea, CM Schubert, AF Roche, H Kulin, PA Lee, JH Himes, **SS Sun**: Age at menarche and racial comparisons in U.S. girls. *Pediatrics* 2003, 111:110-113.
125. RM Siervogel, EW Demerath, C Schubert, KE Remsberg, WC Chumlea, **SS Sun**, SA Czerwinski, B Towne: Puberty and body composition. *Hormone Research* 2003, 60:36-45.
126. **SS Sun**, WC Chumlea, SB Heymsfield, H Lukaski, S DA, K Friedl, RJ Kuczmarski, KM Flegal, CL Johnson, V Hubbard: Development of bioelectrical impedance analysis prediction equations for body composition with the use of a multicomponent model for use in epidemiological surveys. *American Journal of Clinical Nutrition* 2003, 77:331-340.
127. WC Chumlea, **SS Sun**: The availability of body composition reference data for the elderly. *Journal of Nutrition Health and Aging* 2004, 8: 76-82.
128. EW Demerath, J Li, **SS Sun**, WC Chumlea, KE Remsberg, SA Czerwinski, B Towne, RM Siervogel: 50-year trends in serial BMI during pubescence in girls: The Fels Longitudinal Study. *American Journal of Clinical Nutrition* 2004, 80:441-446.
129. EW Demerath, B Towne, WC Chumlea, **SS Sun**, SA Czerwinski, KE Remsberg, RM Siervogel: Recent decline in age at Menarche: The Fels Longitudinal Study. *American Journal of Human Biology* 2004, 16:453-457.
130. WC Chumlea, T Rhodes, CJ Girman, A Johnson-Levonas, FRW Lilly, R Wu, **S Guo**: Family history and risk of hair loss. *Dermatology* 2004, 209:33-39.
131. M Lee, SA Czerwinski, AC Choh, B Towne, EW Demerath, WC Chumlea, **SS Sun**, RM Siervogel: Heritability of calcaneal quantitative ultrasound measures in healthy adults from the Fels Longitudinal Study. *Bone* 2004, 35:1157-63.
132. RI Wenstrup, GA Grabowski, J Moskovitz, A Oestereich, W Wu, **SS Sun**: Gaucher Disease: alendronate sodium improves bone mineral density in adults receiving enzyme therapy. *Blood* 2004, 104:1253-1257.
133. CM Schubert, WC Chumlea, H Kulin, PA Lee, J Himes, **SS Sun**: Concordant and discordant sexual maturation among U.S. children in relation to body weight. *Journal of Adolescent Health* 2005, 37:356-362.
134. J Woo, WC Chumlea, **SS Sun**, T Kwok, HH Lui, E Hui, NY Fang, YP Fan: Development of the Chinese nutrition screen (CNS) for use in institutional settings. *The Journal of Nutrition, Health & Aging* 2005, 9:203-210.
135. KE Remsberg, EW Demerath, CM Schubert, WC Chumlea, **SS Sun**, RM Siervogel: Early menarche and the development of cardiovascular disease (CVD) risk factors in adolescent girls: The Fels Longitudinal Study. *Journal of Clinical Endocrinology and Metabolism* 2005, 90:2718-2724.
136. **SS Sun**, CM Schubert, R Liang, AF Roche, HE Kulin, PA Lee, JH Himes, WC Chumlea: Is sexual maturity occurring earlier among U.S. children? *Journal of Adolescent Health* 2005, 37:345-355.
137. WC Chumlea, CM Schubert, N Reo, **SS Sun**, RM Siervogel: Total body water volume for White children and adolescents and anthropometric prediction equations: the Fels Longitudinal Study. *Kidney International* 2005, 68:2317-2322.
138. A Boulier, WC Chumlea, A DeLorenzo, P Deurenberg, **SS Guo**, L Leger, Y Schutz: Body composition estimation by leg to leg bioelectrical impedance: a six-site international cross validation study. *International Journal of Body Composition Research*, 2005;3:31-39.

139. M Lee, SA Czerwinski, AC Choh, EW Demerath, **SS Sun**, WC Chumlea, B Towne, RM Siervogel: Quantitative genetic analysis of cellular adhesion molecules: The Fels Longitudinal Study. *Atherosclerosis* 2006;185:150-158.
140. EW Demerath, CM Schubert, LM Maynard, **SS Sun**, WC Chumlea, A Pickoff, SA Czerwinski, B Towne, RM Siervogel: Do changes in body mass index percentile reflect changes in body composition in children? Data from the Fels Longitudinal Study. *Pediatrics* 2006: 117:487-95.
141. CM Schubert, NL Rogers, KE Remsberg, **SS Sun**, WC Chumlea, EW Demerath, SA Czerwinski, B Towne, RM Siervogel: Lipids, lipoproteins, lifestyle, adiposity and fat-free mass during middle age: The Fels Longitudinal Study. *International Journal of Obesity & Related Metabolic Disorders* 2006;30:251-260.
142. **SS Sun**, GD Grave, RM Siervogel, A Pickoff, S Arslanian, S Daniels. Systolic Blood Pressure in Childhood Predicts Hypertension and Metabolic Syndrome Later in Life. *Pediatrics*. 2007: 119;237-246.
143. WC Chumlea, CM Schubert, **SS Sun**, E Demerath, B Towne and RM Siervogel. A review of body water status and the effects of age and body fatness in children and adults. *Journal of Nutrition Health and Aging*. 2007;11(2):111-118
144. E Demerath, A Choh, S Czerwinski, M Lee, **SS Sun**, WC Chumlea, D Duren, R Sherwood, J Blangero, B Towne and R Siervogel. Genetic and environmental influences on infant weight and weight change: The Fels Longitudinal Study. *American Journal of Human Biology*. 2007;19:692-702
145. D Duren, R Sherwood, A Choh, S Czerwinski, WC Chumlea, M Lee, **SS Sun**, E Demerath, R Siervogel, B Towne. Quantitative genetics of cortical bone mass in healthy 10-year-old children from the Fels Longitudinal Study. *Bone*. 2007;40:464-470
146. K Remsberg, N Rogers, E Demerath, S Czerwinski, A Choh, M Lee, WC Chumlea, **SS Sun**, B Towne, R Siervogel. Sex Differences in Young Adulthood Metabolic Syndrome and Physical Activity: The Fels Longitudinal Study. *American Journal of Human Biology*. 2007;19:544-550
147. **SS Sun**, G Grave, R Siervogel, A Pickoff, S Arslanian, S Daniels. Systolic Blood Pressure in Childhood Predicts Hypertension and Metabolic Syndrome Later in Life. *Pediatrics*. 2007;119:237-246
148. Y Miyazawa, S Iwatani, N Makabe, S Uchiyama, M Hosokawa, H Yoshida, F Karimura, A Masako, **SS Sun**, WC Chumlea, et al: Development of prediction equations for stature in Japanese adults. *Clinical Nutrition* 2007: (in press).
149. Y Miyazawa, S Iwatani, N Makabe, S Uchiyama, M Hosokawa, H Yoshida, K Futami, A Masako, **SS Sun**, WC Chumlea, et al: Development of prediction equations for weight in Japanese adults. *Clinical Nutrition* 2007: (in press).
150. D Duren, R Sherwood, S Czerwinski, WC Chumlea, E Demerath, **S Sun**, R Siervogel and B Towne. Genetic architecture of knee radiographic joint space in healthy young adults. *Human Biology*. 2007:(under review)
151. E Demerath, **S Sun**, N Rogers, M Lee, D Reed, A Choh, W Couch, S Czerwinski, R Siervogel, B Towne. The anatomical patterning of visceral adipose tissue: Race, sex, and age variation. *Obesity*. 2007; 15:2984-2993
152. **S Sun**, R Liang, T Huang, S Daniels, S Arslanian, K Liu, G Grave, R Siervogel. Childhood Obesity Predicts Adult Metabolic Syndrome: The Fels Longitudinal Study. *J Ped* 2007; 152:191-2007.
153. E Demerath, **S Sun**, M Lee, J Blangero, A Choh, S Czerwinski, WC Chumlea, D Duren, R Sherwood, R Siervogel, B Towne. Genetic and environmental influences on infant weight and weight change: The Fels Longitudinal Study. *American Journal of Human Biology*. 2007; 19:692-702
154. Huang TT, **Sun SS**, Daniel SD. Understanding the nature of metabolic syndrome components in children and what they can and cannot do to predict adult disease. *J Pediatr*, in press.
155. Li CY, Ford ES, Huang TT, **Sun SS**, Goodman E. Patterns of change in cardiometabolic risk factors associated with the metabolic syndrome from childhood to adolescence in a 10-year follow-up: the Fels Longitudinal Study. *J Pediatr*, in press.
156. Goodman E, Li CY, Tu YK, Ford E, **Sun SS**, Huang TT. Stability of the factor structure of the metabolic syndrome across pubertal development: confirmatory factor analyses of three alternative models. *J Pediatr*, in press.
157. Schubert CM, **Sun SS**, Burns T, Morrison J, Huang TT. Predictive ability of childhood metabolic components for adult metabolic syndrome and type 2 diabetes. *J Pediatr*, in press.

158. Schubert CM, Cook S, **Sun SS**, Huang TT. Additive utility of family history and waist circumference to body mass index in childhood for predictions of metabolic syndrome in adulthood. *J Pediatr*, in press.
159. **Sun SS**, Schubert CM. Prolonged juvenile states and delay of cardiovascular and metabolic risk factors: the Fels longitudinal study. *J Pediatr*, in press.

Letters to the Editor

1. Roche AF, **Guo SS**. Comment on "Fitting smoothed centile curves to reference data" by TJ Cole. *Stat Soc A* 151:385-418, 1988.
2. Roche AF, Mukherjee D, **Guo SS**, Moore WM. Reply to T Wember concerning head circumference reference data. *Pediatrics* 81:599-600, 1988.
3. Roche AF, **Guo SS**, Moore WM. Reply to KG Dewey et al. Infant growth and breast-feeding. *Am J Clin Nutr* 50:1117-1118, 1989.
4. Roche AF, **Guo SS**. Reply to Mackerras. *Am J Clin Nutr* 51:892-893, 1990.
5. **Guo SS**, Roche AF, Chumlea WmC, Siervogel RM. Reply to Leung and Robson on Reference data on gains in weight and length during the first two years of life. *J Ped* 3:498, 1992.
6. **Guo SS**, Siervogel RM, Roche AF, Chumlea WmC. Reply to EG Piowz et al on Classification of Peruvian infants by using reference growth data. *Am J Clin Nutr* 57:593-594, 1993.
7. Roche AF, **Guo SS**. Reply to MJR Healy, JM Tanner on the development of reference data for increments in variables related to growth. *Am J Hum Biol* 5:149-150, 1993.
8. Chumlea WmC, **Guo SS**. Bioelectrical impedance and body composition: Present status and future direction - reply. *Nutr Rev* 52:323-325, 1994.
9. Chumlea WmC, **Guo SS**, Siervogel RM. Reply to LC Ward et al. on Reliability for multiple frequency bioelectric impedance. *Am J Hum Biol* 7:289-291, 1995.
10. **Guo, SS**. Book Review. *Body Composition Techniques in Health and Disease*. By P.S.W. Davies and T. J. Cole. 225 pp. New York: Cambridge University Press. 1995. *Am. J. Hum. Biol.* 9:104-106, 1997.
11. Maynard LM, Wisemandle WA, **Guo SS**, Zeller CM, Chumlea WmC, Towne B, Roche AF, Siervogel RM. Reply to HS Barden on Total-body and regional bone mineral content and areal bone mineral density in children aged 8-18 y: the Fels Longitudinal Study. *Am. J. Clin. Nutr.* 69:1289, 1999.
12. Age of Puberty Among Girls and the Diagnosis of Precocious Puberty. Lee, PA, **Guo, SS**. *Pediatrics* vol 107 No. 6 June 2001, pp.1493.
13. Ogden CL, Kuczmarski RJ, Flegal KM, Mei Z, **Guo SS**, et al. Reply to Bender et al on letter to editor CDC 2000 growth charts for the United States: Improvements to the 1977 NCHS version. *Pediatrics* 110(3) September 2002.
14. **Sun S**, Wu W, Chumlea Wm. C, Roche A. F. *Reply to GM Owen for Letter BMI vs. Excess Body Fat. (re: "Predicting OW and obesity--" 2002) AJCN* 78:348-9, 2003.
15. **Sun SS**, Chumlea Wm C, Schubert CM, Roche AF, Kulin HE, Lee PA, Himes JH, Ryan AS. Reply to Papdimitriou LE #03-56, re letter ed (Nat'l est timing sexual mat), *Pediatrics* 113(1), 2004.
16. **SS Sun**, Chumlea WC. Reply to U Trippo. *Am J Clin Nutr* 79(2):336, 2004.

Monographs, Technical Reports, Books and Edited Books

1. Roche AF, **Sun SS**. *Human Growth: Assessment and Interpretation*. Book: Cambridge University Press, Cambridge, UK, Feb 2003.
2. Kuczmarski RJ, Ogden CL, **Guo SS**, Grummer-Strawn LM, Flegal KM, Mei Z, Wei R, Curtin LR, Roche AF, Johnson CL. 2000 CDC Growth Charts for the United States: Methods and Development. National Center for Health Statistics, *Vital and Health Stat* 11(246) 2002.

Research Papers Published in Books, Proceedings, etc.

1. **Guo SS**. A computer program for the comparisons of growth curves. *Proceedings of the Statistical Computing Section. Am Stat Assoc* pp. 236-238, 1986.

2. Roche AF, Baumgartner RN, **Guo SS**. Population Methods: anthropometry or estimation. In: *Human Body Composition and Fat Distribution*. Report of an EC Workshop, London 10-12, December, 1985. CIP-gegevens Koninklijke Bibliotheek, Den Haag, The Netherlands. NG Norgan (ed.) pp. 31-48, 1986.
3. Roche AF, **Guo SS**, Houtkooper L. Biased Estimation of Fat-Free Mass. In: *American Statistical Association 1988, Proceedings of the Biopharmaceutical Section*. ASA, Alexandria, VA pp. 188-191, 1988.
4. **Guo SS**. A computer program for smoothing using kernel estimation. In: *American Statistical Association 1989, Proceedings of the Statistical Computing Section*. ASA, Alexandria, VA p. 306-308, 1989.
5. Roche AF, **Guo SS**, Woteki C, Trowbridge FL. Methods for the revision of the NCHS/CDC Growth Charts: Birth to 36 months. In: *American Statistical Association 1989 Proceedings of the Section on Survey Research Methods*. ASA, Alexandria, VA p 333-335, 1989.
6. Roche AF, Baumgartner RN, **Guo SS**. Anthropometry: Classical and Modern Approaches. In: *New Techniques in Nutritional Research*. RG Whitehead, A Prentice (eds.) Academic Press, New York. pp. 241-260, 1991.
7. Roche AF, **Guo SS**, Siervogel RM, Chumlea WmC, Bellisari A. New field methods for the study of body composition. In: *Neuvas Perspectivas en Anthropologia*, MC Botella, SA Jimenez, Ph Du Souich (eds.) pp. 819-827, 1991.
8. Roche AF, **Guo SS**, Siervogel RM, Chumlea WmC, Bellisari A. New field methods for the study of body composition. Proceedings VII Congreso Espagnol Anthropologia Biologica, Granada. p 72-73, 1991.
9. Vellas B, Chumlea WmC, Béziat F, Ghisolfi-Marque A, **Guo SS**, Conceicao J, Sédeuilh M, Dufetelle R, Albarede JL. Étude des normes anthropométriques dans une population Française de 492 personnes âgées en bonne santé et vivant à domicile - Anthropometric measures in elderly persons living in Europe. In: *L'année Gériatologique*. J-L Albarede, P Vellas (eds.) Serdi, Paris. pp. 203-217, 1992.
10. Chumlea WmC, Baumgartner RN, **Guo SS**. Segmental bioelectric impedance, subcutaneous adipose tissue, and fat patterns in adults. In: *Recent Developments in Body Composition Analysis: Methods and Applications*. JG Kral, TB Van Itallie (eds.) Smith-Gordon Publishers, Ltd., London. pp. 49-60, 1993.
11. Roche AF, **Guo SS**. Development, testing and use of predictive equations for body composition measures. In: *Recent Developments in Body Composition Analysis: Methods and Applications*. JG Kral, TB Van Itallie (eds.) Smith-Gordon Publishers, Ltd. London. pp. 1-16, 1993.
12. Wellens R, Roche AF, **Guo SS**, Chumlea WmC, Siervogel RM. Fat-free mass and percent body fat assessments by dual-energy x-ray absorptiometry, densitometry and total body water. In: *Human Body Composition*. KJ Ellis, JD Eastman (eds.) Plenum Press, New York pp. 71-74, 1993.
13. **Guo SS**, Chumlea WmC, Wu X, Wellens R, Roche AF, Siervogel RM. A comparison of body composition models. In: *Human Body Composition*: KJ Ellis, JD Eastman (eds.) Plenum Press, New York pp. 27-30, 1993.
14. Chumlea WmC, **Guo SS**, Baumgartner RN, Siervogel RM. Determination of body fluid compartments with multiple frequency bioelectric impedance. In: *Human Body Composition*: KJ Ellis, JD Eastman (eds.) Plenum Press, New York pp. 23-26, 1993.
15. Michaelsen KF, Wellens R, Roche AF, Northeved A, Culmsee J, Boska M, **Guo SS**, Siervogel RM. The use of high frequency energy absorption to measure limb musculature. In: *Human Body Composition*. KJ Ellis, JD Eastman (eds.) Plenum Press, New York pp. 359-362, 1993.
16. Roche AF, **Guo SS**, Johnson CL, Kuczumarski RJ, Briefel RR. Revision of the US National Center for Health Statistics growth charts In: *Studies in Human Biology*. BE Bodzsar, C Susanne (eds.) Eotvos University Press, Budapest. pp. 105-112, 1996.
17. Chumlea WmC, **Guo SS**. Bioelectrical impedance: A history, research issues, and recent consensus. *Emerging Technologies for Nutrition Research*. J. J. Carlson-Newbury, R. B. Costello (eds.). Washington, D.C.: National Academy Press, 169-192. 1997.
18. Chumlea WmC, **Guo SS**, Vellas B. Assessment of protein-calorie nutrition. In: Kopple JD, Massry SG, (eds.) *Nutritional Management of Renal Disease*. Baltimore: Williams & Wilkins, pp. 203-228, 1997.
19. Roche AF, **Guo SS**, Wholihan K, Casey PH. Clinical Notes. Measurement standards for preterm infants. *Advances*. Quarterly Newsletter of the Robert Wood Johnson Foundation. pg. 7, 1997. (From Archives of Pediatric and Adolescent Medicine, 151: 50-57, 1997).

20. Chumlea WmC, **Guo SS**. Milk consumption in childhood and bone mineral in adulthood: The Fels Longitudinal Study. Proceedings CERIN Symposium: Nutrition & Personnes Agees au-dela des apports recommandes, Paris, France, 125-133, 1997.
21. Chumlea WmC, **Guo SS**. Assessing body composition and sarcopenia with anthropometry. Proceedings: CERIN Symposium Nutrition & Personnes Agees au-dela des apports recommandes, Paris, France, 161-169, 1997.
22. Wang Z, Deurenberg P, **Guo SS**, Pietrobelli A, Wang J, Pierson RN, Jr., Heymsfield SB. Six-compartment body composition model: Inter-method comparisons of total body fat measurement. pp. 105-122 In: Human Body Composition Models and Methodology: Theory and Experiment. Thesis: Wang, Z. Landbouw Universiteit Wageningen, The Netherlands, 1997.
23. **SS Guo**. Book Review Body Composition Techniques in Health and Disease by PSW Davies and T J Cole 225 pp New York: Cambridge University Press, 1995. Am J Human Biol 9:104-106, 1997.
24. Siervogel RM, **Guo SS**, Chumlea WmC, Wisemandle W, Towne B, Roche AF. Adult changes in body composition are associated with changes in lipids and lipoproteins: The Fels Longitudinal Study. Appl Radial. Isot.49:727-729, Elsevier Science Ltd. Great Britain, 1998.
25. Chumlea WmC, **Guo SS**, Siervogel RM. Phase angle spectrum analysis and body water. Appl. Radiat. Isot. 47:489-491, Elsevier Science Ltd. Great Britain, 1998.
26. **Guo SS**, Chumlea WmC, Roche AF, Siervogel RM. Age- and maturity-related changes in body composition during adolescence into adulthood: the Fels Longitudinal Study. Appl. Radiat. Isot. 49:581-585, Elsevier Science Ltd. Great Britain, 1998.
27. Roche AF, **Guo SS**. Selection of variables, timing of examinations, and retention. In: Clinical Trials in Infant Nutrition. J. A. Perman and J. Rey, eds. Nestle Nutrition Workshop, Series 40. Vevey/Lippincott-Raven Publishers, Philadelphia. pp. 67-84, 1998.
28. Chumlea WmC, Vellas B, **Guo SS**. Malnutrition or Healthy Senescence. Proceedings Nutrition Society 57:593-598, 1998.
29. Chumlea WC, Hall G, Lilly FRW, Siervogel RM, **Guo SS**. The Mini Nutritional Assessment and Body Composition in Healthy Adults. In: Vellas P, Garry, P., Guigoz, Y., ed. Mini Nutritional Assessment (MNA): Research and Practice in the Elderly. first ed. Basel, Switzerland: Nestec Ltd.; Vevey/S. Karger AG., 13-22. vol 1, 1999.
30. Roche AF, **Guo SS**, Towne B. The establishment and maintenance of longitudinal growth studies: experience from Melbourne and Fels. In: Johnson FE, Zemel B, Eveleth PB, eds. Human Growth in Context. Philadelphia PA: Smith-Gordon 101-119. vol Chapter 10, 1999.
31. Chumlea WmC, **Guo SS**. Physical Growth and Development. In: Second Edition The Handbook of Pediatric Nutrition. P. Q. Samour & K. K. Helm (eds.) Aspen Publishers, Inc. Gaithersburg, MD, Chapter 1, pp 3-15, 1999.
32. Chumlea WmC, **Guo SS**. Osteoporosis in Ohio: Prevalence, research and prevention strategies for Ohio women in the 21st Century. Report to the Office of Women's Health Initiatives, Ohio Department of Health, Monograph Series, Columbus, OH. 2000.
33. Chumlea WC, **Guo SS**. Epidemiological perspective on body composition methodology. In: Richard N. Pierson J, ed. Quality of the Body Cell Mass. Body Composition in the Third Millennium. 1997 Symposia conference Fort Lauderdale, Fl ed. New York: Springer-Verlag, 175-186. Pierson RN, ed. Serono Symposia USA, Inc; 2000.
34. **Guo SS**, Siervogel RM, Chumlea, WmC. Epidemiological Applications of body composition: The effects and adjustment of measurement errors. Annals of New York Academy of Sciences, In Vivo Body Composition Studies 904:(59) 312-317. May 2000. (book section)
35. WC Chumlea, Siervogel RM, Wu Y, Hall G, **Guo SS**. Bioelectrical impedance spectroscopy and body composition. In: Yasumura S, Wang J, Pierson RN, Jr., eds. In Vivo Body Composition Studies. New York: Annals of the New York Academy of Science, 210-214. (Edited by: Seiichi Yasumura JW, Richard N Pierson Jr., ed. In Vivo Body Composition Studies; vol 904), 2000.
36. WC Chumlea, **Guo SS**. Assessment and prevalence of obesity: application of new methods to a major problem. Endocrine 13(2):135-142, 2000.

37. Chumlea WC, **Guo SS**. Epidemiological perspective on body composition methodology. quality of the body cell mass. body composition in the Third Millennium. R. N. Pierson (ed.) Springer-Verlag, 1997 Serono Symposia USA, Chap 17, p 175-186,2000.
38. **Guo SS**, Wei W, Chumlea WC, Beckett L. Multivariate longitudinal modeling of changes over time in two cardiovascular risk factors from childhood into young adulthood. American Statistical Association 2001 Proceedings, Section on Statistics in Epidemiology:2001, (CD-ROM), 2002.
39. WC Chumlea, **SS Sun**: Bioelectrical impedance analysis. In: Human Body Composition Edited by SB Heymsfield, TG Lohman, Z Wang, SB Going. pp. 79-88: Human Kinetics Books; 2005.
40. **SS Sun**, WC Chumlea: Statistical Methods. In: Human Body Composition Edited by SSB Heymsfield, TTG Lohman, Z Wang, SB Going. pp. 151-160: Human Kinetics; 2005.
41. **SS Sun**: Growth and Development. In: Handbook of Pediatric Obesity: Etiology, Pathophysiology, and Prevention Edited by MIGaMs Sothern. New York: Marcel Dekker, Inc; 2005.
42. Czerwinski, S.A., Towne B, Williams JT, Wisemandle, WA, Demerath EW, Chumlea Wm C, **Guo SS**, Siervogel RM. Childhood growth and adult overweight risk: A quantitative genetic analysis, in Human Growth from Conception to Maturity, G. Gilli and L.M. Schell, Editors. Smith-Gordon Publishers. p.125-132, 2002.

Unpublished Reports

1. Roche AF, Chumlea WmC, **Guo SS**. Identification/validation of new anthropometric techniques for quantifying body composition. U.S. Army Natick Research and Development Center, Natick, Massachusetts. 209 pp., 1986.
2. **Guo SS**, Roche AF, Chumlea WmC. Optimum anthropometric grade rules. Final Report on U.S. Army Contract No. DAAK-60-87-C-0060 U.S. Army Natick Research and Development Center, Natick, Massachusetts. pp. vi + 142, 1988.
3. AF Roche, **Guo SS**, Baumgartner RN, Chumlea WC. Analysis of data regarding the growth of infants receiving HA formula. Report to the Nutrition Products Division, Carnation Inc. Glendale, CA. 1988.
4. Chumlea WmC, **Guo SS**. Development of Equations for Predicting Stature and Weight for Adults and Children. Final Report to Ross Laboratories, Columbus, OH. 1989.
5. Roche AF, **Guo SS**, Chumlea WmC, Siervogel RM, Khamis H. Analysis of growth data for infants receiving whole cow's milk or different formulas - Report to the Nutrition Products Division, Carnation Inc. 1991.
6. Chumlea WmC, **Guo SS**, Ezenwa BN, Bellisari A, Abdel-Hamid M, Hall L, Jennings A, Siervogel RM. Report on phase I: Reliability analyses. Determination of body fluid compartments with multiple frequency bioelectric impedance. Report to Medical Nutrition Research, Ross Laboratories, Inc. Columbus, OH. 1991.
7. Chumlea WmC, **Guo SS**, Ezenwa B N, Wu X, Siervogel RM. Report on phase II: Body Composition Analyses. Determination of body fluid compartments with multiple frequency bioelectric impedance. Report to Medical Nutrition Research, Ross Laboratories, Inc., Columbus, OH. 1992.
8. Roche AF, **Guo SS**, Chumlea WmC, Siervogel RM, Khamis HJ. Analysis of arm composition in infants receiving whole cows' milk or different formulas. Report to the Nutrition Products Division, Carnation Inc. Glendale, CA. 1992.
9. Roche AF, **Guo SS**, Ezenwa BN, Wu X, Siervogel RM. Report on phase II: Body composition analyses. Determination of body fluid compartments with multiple frequency bioelectric impedance. Report to Medical Nutrition Research, Ross Laboratories, Inc. Columbus, OH. 1992.
10. **Guo SS**, Chumlea WmC. The Carnation multicenter longitudinal study of growth: Comparison of the effects of infant formulae on the growth of infants from birth to 3 months of age. Report to the Nutrition Products Division, Carnation Inc. Glendale, CA. 1993.
11. Chumlea WmC, **Guo SS**, Wu X. Report on phase III: Body composition analyses - Determination of body fluid compartments with multiple frequency bioelectric impedance. Report to Medical Nutrition Research, Ross Laboratories, Columbus, OH. pp. 1-4, 1993.
12. **Guo SS**. The development of age-specific percentiles and the comparison of smoothing procedures: The revision of the National Center for Health Statistics/Centers for Disease Control Growth Charts. Project

- #NM93.3 EIN 2079623122. National Center for Health Statistics, Centers for Disease Control, Hyattsville, MD. 140 p, 1995.
13. **Guo SS**. The U.S. National Growth Charts Report, National Center for Health Statistics 1999.
 14. **Guo SS**. The Revised US National Growth Charts. Order # 0009630305; 97C70967701D and 009830265. National Center for Health Statistics, Centers for Disease Control, Hyattsville, MD. 148 pp. 1998.
 15. **Guo SS**, Roche AF, Moore Wm. The Revised U.S. National Growth Charts. Nutrition and the M.D, 25(7)1-4 1999-2000.
 16. Chumlea WmC, **Sun S**. Development of prediction equations for stature and weight in Japanese adults. Report to Dr. Seiji Aoyagi, Abbott Laboratories, Abbott Park, Illinois, 2003.
 17. Chumlea WmC, **Guo SS**. Osteoporosis in Ohio: Prevalence, research and prevention strategies for Ohio women in the 21st Century. Report to the Office of Women's Health Initiatives, Ohio Department of Health, Monograph Series, Columbus, OH. 2000.

Abstracts

1. Steinbaugh ML, Chumlea WmC, **Guo SS**, Roche AF. Estimating body weight for the nonambulatory elderly. Book of Abstracts, American Dietetic Association 69th Annual Meeting p. 150, 1986.
2. **Guo SS**. The use of impedance in the estimation of body composition. Am J Phys Anthropol 69:204, 1986.
3. **Guo SS**, Roche AF. Reference data for head circumference. Clin Res 34:977A, 1986.
4. **Guo SS**. An interactive computer program for the comparison of growth curves. Program and Abstracts, Joint Statistical Meetings 1986.
5. Lee PST, **Guo SS**. A curve fitting analysis of the normal approximation to binomial distribution. Program and Abstracts, Joint Statistical Meetings 1986.
6. Baumgartner R, Siervogel RM, **Guo SS**, Chumlea WmC, Roche AF. Use of bioelectric impedance for estimating body composition in epidemiology. Am J Epidemiol 125:777, 1987.
7. Roche AF, Chumlea WmC, **Guo SS**. Estimation of body composition from impedance and anthropometry. Med Sci Sports Exer 19:S40, 1987.
8. **Guo SS**. A new mathematical model of multistage theory. Program and Abstracts, Joint Statistical Meetings, San Francisco p. 153, 1987.
9. Roche AF, **Guo SS**. The Fels Longitudinal Study: design and analysis considerations. Program and Abstracts, Joint Statistical Meetings, American Statistical Association, Biometric Society, Institute of Mathematical Statistics, San Francisco. p. 249, 1987.
10. Roche AF, **Guo SS**. Tracking of weight (W) and of weight/stature² (W/S²) from one month to 30 years. Int J Obes 11:436A, 1987.
11. **Guo SS**, Roche AF. Reference data for one-month increments in weight and incumbent length from one to twelve months. Clin Res 35:915A, 1987.
12. Courtney SE, Weber KR, Bender CV, Malin SW, Breakie LA, **Guo SS**, Siervogel RM. Reassessment of capillary blood gas values in the neonate. Ped Res 23:502A, 1988.
13. Courtney SE, Weber KR, Spohn WA, Bender CV, Malin SW, **Guo SS**, Siervogel RM. Dexamethasone (D) for prevention of post extubation laryngeal edema in the newborn. Ped Res 23:230A, 1988.
14. **Guo SS**, Roche AF, Siervogel RM. Kernel estimation of long term serial blood pressure data. Program and Abstracts for the 148th Joint Statistical Meeting of the American Statistical Association, Biometrics Society, and Institute of Mathematical Statistics at New Orleans. p. 275, 1988.
15. **Guo SS**, Chumlea WmC, Roche AF. Predictions of fatness in children, adolescents and young adults. Clin Res 36:894, 1988.
16. Roche AF, Chumlea WmC, **Guo SS**. The assessment of hand-wrist skeletal maturity. Clin Res 36:896, 1988.
17. **Guo SS**. An application of logistic regression in studying tracking of overweight. Am J Phys Anthropol 75:218, 1988.
18. Roche AF, **Guo SS**. The prediction of fat-free mass from a multicomponent model. Med Sci Sports Exer 20:S8, 1988.

19. AF Roche, **Guo SS**, Baumgartner RN. Serial changes in body composition. Book of Abstracts from the American Anthropological Association 87th Annual Meeting:222, 1988.
20. Siervogel RM, Roche AF, **Guo SS**, Mukherjee D, Chumlea WmC. Patterns of change in adiposity during childhood and their relation to adiposity at 18 years. *Am J Hum Biol* 1:136, 1989.
21. Courtney SE, Weber KR, Spohn WA, Bender CV, Malin SW, **Guo SS**, Siervogel RM. Randomized trial of Dexamethasone (D) for prevention of laryngeal edema following extubation. *Ped Res* 25:34A, 1989.
22. **Guo SS**, Siervogel RM, Roche AF. Tracking in body mass index from 2 to 18 years: The Fels Longitudinal Study. *Clin Res* 37:963A, 1989.
23. **Guo SS**, Roche AF, Baumgartner RN, Chumlea WmC, Ryan AS, Johnson CL. On the application of kernel regression for smoothing reference data. *Am J Phys Anthropol* 78:233, 1989.
24. **Guo SS**, Roche AF, Chumlea WmC. Predicting fat-free mass (FFM) and percent body fat (%BF) from anthropometry, resistance and reactance. *Am J Hum Biol* 1:135, 1989.
25. Roche AF, **Guo SS**, Baumgartner RN, Chumlea WmC, Ryan AS, Kuczmarski RJ. Reference data for weight, stature and weight/stature² in Mexican-Americans from the Hispanic Health and Nutrition Examination Survey (HHANES 1982-1984). *Am J Phys Anthropol* 78:291, 1989.
26. Baumgartner RN, Roche AF, **Guo SS**, Chumlea WmC, Ryan AS, Kuczmarski RJ. Changes with age in fat patterning in Mexican-American children in the Hispanic Health and Nutrition Examination Survey (HHANES 1982-1984). *Am J Phys Anthropol* 78:189, 1989.
27. Roche AF, **Guo SS**, Woteki C, Trowbridge FL, Yip R. Methods for the revision of the NCHS/CDC growth charts. 1989 Joint Statistical Meetings: American Statistical Association, Biometric Society and Institute of Mathematical Statistics 52nd Annual Meeting, August 6-10, Washington, D.C. Program and Abstracts. p. 157, 1989.
28. Roche AF, **Guo SS**. Data from the Hispanic Health and Nutrition Examination Survey for weight stature and weight/stature² in Mexican Americans. *Clin Res* 37:963A, 1989.
29. **Guo SS**. An algorithm for curve-fitting analysis. Program and Abstracts Joint American Statistical Association Meeting. p. 352, 1989.
30. Roche AF, **Guo SS**, Moore WM. Weight and recumbent length from 1 to 12 months of age. *Pediatrics Digest* 7:19, 1989.
31. Dallal GE, **Guo SS**, Simon R, Klabansky RL, Talmadge JE. MUDIFT: Multivariate distribution-free comparison of growth curves. *Am Stat* 43:125, 1989.
32. **Guo SS**, Siervogel RM, Roche AF. Confidence limits for least-squares kernel estimation. Program and Abstracts for the 148th Joint Statistical Meeting of the American Statistical Association, Biometrics Society, and Institute of Mathematical Statistics. p. 119, 1990.
33. Baumgartner RN, Chumlea WmC, **Guo SS**, Roche AF. Prediction of growth in fat-free mass from bioelectric resistance and anthropometry in children. *Am J Hum Biol* 2:195, 1990.
34. Chumlea WmC, **Guo SS**, Steinbaugh ML, Cockram DB. Revised equations for predicting stature in the elderly. *J Am Diet Assoc* 90:A132, 1990.
35. Roche AF, **Guo SS**. Prediction of fat-free mass (FFM) from bioelectric impedance and anthropometry. *Am J Clin Nutr* 51:522, 1990.
36. Byard PJ, **Guo SS**, Roche AF. Jense curve analysis of early childhood growth data from the Fels Longitudinal Study. *Am J Hum Biol* 2:196, 1990.
37. Roche AF **Guo SS**. Prediction of fat-free mass (FFM) from bioelectric impedance and anthropometry. *Clin Res* 38:756A, 1990.
38. Roche AF, **Guo SS**. Data analysis in longitudinal research. *Am J Phys Anthropol* 81:287, 1990.
39. Smith L, Rosner B, Roche AF, **Guo SS**. Modeling the correlation structure of blood pressure in the Fels Data. Program and Abstracts, Joint Statistical Meetings - American Statistical Association, Biometric Society, Institute of Mathematical Sciences p. 137, 1990.
40. **Guo SS**. Statistical methods to develop and validate predictive equation. *Am J Phys Anthropol* 81:233, 1990.
41. **Guo SS**, Siervogel RM, Roche AF, Gregor A. Mathematical modeling of human growth in stature from The Fels Longitudinal Study. *Am J Phys Anthropol* S12:84, 1991.

42. Siervogel RM, **Guo SS**, Roche AF. Risk of adult overweight predicted from childhood values of body mass index (weight/stature²). *Ped Res* 29:95A, 1991.
43. **Guo SS**, Roche AF, Fomon SJ, Nelson SE, Chumlea WmC, Rogers RR, Baumgartner RN, Ziegler EE, Siervogel RM. Reference data for weight, length, and gains in weight and length during the first two years of life. *Am J Clin Nutr* 53:19, 1991.
44. **Guo SS**, Chumlea WmC, Siervogel RM, Roche AF. Longitudinal analysis of serum lipid levels in children and young adults. Abstracts from the Fifth Conference for Federally Supported Human Nutrition Research Units and Centers p. 31, 1991.
45. Chumlea WmC, **Guo SS**, Roche AF, Siervogel RM. Estimation of fat-free mass from anthropometry and bioelectric impedance in children and adults. Abstracts from the Fifth Conference for Federally Supported Human Nutrition Research Units and Centers p. 61, 1991.
46. **Guo SS**. Longitudinal analysis of serum lipid levels in children and young adults. Program and Abstracts Joint Statistical Meetings, American Statistical Association, Biometric society, Institute of Mathematical Sciences p. 174, 1991.
47. Roche AF, **Guo SS**, Moore WM. Body surface area of infants: Reference data. *Am J Phys Anthropol* 12(Suppl):152, 1991.
48. Trowbridge FL, Yip T, Staehling N, Roche AF, **Guo SS**, Johnson C, Woteki C. A revised international growth reference for use in nutritional surveys. Book of Abstracts IX Congreso Latino Americano De Nutricion p. 86, 1991.
49. Roche AF, **Guo SS**. Tracking of weight/stature² from early infancy to middle age. Book of Abstracts VIth International Congress of Auxology p. 55, 1991.
50. Roche AF, **Guo SS**, Siervogel RM. Obesity in children and adolescents; development of predictive equations and their application to epidemiologic studies. Book of Abstracts, Workshop on Child and Adolescent Obesity: What, How, and When? International Life Sciences Institute - Nutrition Foundation p. 5, 1991.
51. Siervogel RM, **Guo SS**, Roche AF. Risk of adult overweight predicted from childhood values of body mass index. Abstracts from the Fifth Conference for Federally Supported Human Nutrition Research Units and Centers, National Institutes of Health, Bethesda, MD p. 72, 1991.

52. **Guo SS**, Roche AF, Chumlea WmC, Siervogel RM. Sensitivity, specificity, and predictive value of childhood BMI for overweight in adulthood. Book of Abstracts for the American Society for Clinical Nutrition 1992.
53. **Guo SS**, Chumlea WmC, Wu X, Wellens R, Siervogel RM, Roche AF. A comparison of body composition models. Proceedings: International Symposium on In Vivo Body Composition Studies p. 66, 1992.
54. **Guo SS**, Roche AF, Siervogel RM, Chumlea WmC, Jennings A. Risk analysis of body mass index (BMI): Prediction of adult overweight from childhood. Part II. Risk estimates and their practical application. *Am J Phys Anthropol (Suppl 14)*:85, 1992.
55. Roche AF, Michaelsen KF, Northeved A, Culmsee J, Boska M, **Guo SS**, Wellens R. The measurement of limb musculature with high frequency energy absorption (HFEA). *Med Sci Sports Exer* 24:S7, 1992.
56. **Guo SS**, Li L, Chumlea WmC, Roche AF, Siervogel RM. A comparison of two infant growth models. Abstracts of the Biometric Society, Eastern North American Region p. 90, 1992.
57. Khamis HJ, **Guo SS**. The RWT prediction model: A comparison of techniques. Abstracts from the Biometric Society Eastern North American Region Spring Meeting p. 40, 1992.
58. Towne B, **Guo SS**, Siervogel RM, Roche AF. Genetic analysis of percentile body weight variation from ages 2 to 17. American Society for Clinical Nutrition - Proceedings Annual Meeting 1992.
59. Siervogel RM, **Guo SS**, Roche AF. Risk analysis of body mass index (BMI): Prediction of adult overweight from childhood BMI. Part I. Log odds ratio, relative risk, sensitivity and specificity of predictions. *Am J Phys Anthropol (Suppl 14)*:151, 1992.
60. Towne B, Siervogel RM, **Guo SS**, Roche AF. Genetic analysis of patterns of growth in infant recumbent length. *Am J Phys Anthropol (Suppl 14)*:162, 1992.

61. Wellens R, Chumlea WmC, **Guo SS**, Roche AF, Siervogel RM. Assessing the accuracy of single photon absorptiometry for predicting total body bone mineral mass and density as measured by dual energy x-ray absorptiometry. *Am J Phys Anthropol (Suppl 14)*:172, 1992.
62. Roche AF, **Guo SS**, Siervogel RM. Implications of predicting overweight in adulthood from childhood BMI (weight/stature²). American Society of Clinical Nutrition, 32nd Annual Meeting 1992.
63. **Guo SS**, Chumlea WmC, Siervogel RM, Roche AF. Tracking of body fatness from 9 to 21 years. *Med Sci Sports Exer* 24:S189, 1992.
64. Wellens R, Roche AF, **Guo SS**, Chumlea WmC, Siervogel RM. Assessing percent body fat and fat-free mass by dual energy X-ray absorptiometry and densitometry. *Med Sci Sports Exer* 24:S58, 1992.
65. **Guo SS**, Chumlea WmC, Siervogel RM, Roche AF. Serial analysis of lipid levels in children and young adults. Abstracts from the International Conference Prevention of Atherosclerosis and Hypertension Beginning in Youth p. A-1, 1992.
66. Roche AF, **Guo SS**, Siervogel RM. Risk of overweight at 18 or 30 years dependent on weight/stature² (W/S²) percentiles in childhood. International Conference Prevention of Atherosclerosis and Hypertension Beginning in Youth p. A-44, 1992.
67. Michaelsen KF, Roche AF, **Guo SS**, Northved A, Culmsee J. Muskelmassen i ekstremiteter målt med Høj frekvens energi absorption (HFEA). 5. Nordiske Ernæringskongres June 14-17, Reykjavik p. 91, 1992.
68. Wellens R, Roche AF, **Guo SS**, Chumlea WmC, Siervogel RM. Fat-free mass and percent body fat assessments by dual-energy x-ray absorptiometry, densitometry and total body water. Abstracts from the International Symposium on In Vivo Body Composition Studies 1992.
69. Michaelsen KF, Roche AF, Northved A, Culmsee J, Boska M, **Guo SS**, Wellens R. The use of high frequency energy absorption (HFEA) to measure limb musculature. International Symposium on In Vivo Body Composition Studies 1992.
70. **Guo SS**, Chumlea WmC, Siervogel RM, Roche AF. Longitudinal analysis of plasma lipid levels in children and young adults. *Stat Med* 11:2033-2034, 1992.
71. Chumlea WmC, **Guo SS**, Siervogel RM, Cockran DB, Hayes J, Baumgartner RN. Multiple frequency bioelectric impedance, total body water, extracellular fluid and body composition in adults. Book of Abstracts, International Symposium on In Vivo Body Composition Studies 1992.
72. Chumlea WmC, **Guo SS**, Ezenwa BN, Bellisari A, Siervogel RM, Cockram DV, Hayes J. Reliability for multi-frequency bioelectric impedance. *Med Sci Sports Exer* 24:S118, 1992.
73. Wellens R, Siervogel RM, Khamis HJ, **Guo SS**, Chumlea WmC, Roche AF. The relationship between plasma lipids and lipoproteins with fat distribution in adult men. *Am J Hum Biol* 5:141, 1993.
74. Roche AF, **Guo SS**, Chumlea WmC, Wellens R, Siervogel RM, Wu X. Body composition by dual energy x-ray absorptiometry: Comparisons with densitometry. *Med Sci Sports Exer* 25:S6, 1993.
75. **Guo SS**, Roche AF, Chumlea WmC, Li L, Siervogel RM. Profiles of blood pressures from 9 to 21 years: Association with body fatness and rate of maturation. *FASEB Journal* 7:A66, 1993.
76. Chumlea WmC, **Guo SS**, Reo N, Baumgartner RN, Siervogel RM. Total body composition from multiple frequency bioelectric impedance. Abstracts to Consensus Conference: Impedance in Body Composition pp. 26-27, 1993.
77. **Guo SS**, Chumlea WmC, Roche AF, Siervogel R M. Longitudinal changes in body fatness from 9 to 21 years. *Obes Res* 1:96S, 1993.
78. Wellens R, Roche AF, Khamis H, Chumlea WmC, **Guo SS**, Siervogel RM. The body mass index versus direct methods as a proxy for body fatness. *Obes Res* 1:109S, 1993.
79. Roche AF, **Guo SS**, Wu X, Wellens R, Chumlea W, Siervogel R. Fat-free mass from DEXA and from other procedures. XV International Congress of Nutrition, "Appropriate Technology in Body Composition" Book of Abstracts p. 13, 1993.
80. Roche AF, **Guo SS**, Chumlea W C, Siervogel R M, Gardner J. Risk of overweight in adulthood dependent on childhood values for body mass index. XV International Congress of Nutrition Book of Abstracts P101:304, 1993.
81. Roche AF, Wellens R, **Guo SS**, Siervogel RM, Michaelsen KF. High frequency energy absorption and

- the measurement of regional muscle mass. XV International Congress of Nutrition Book of Abstracts p. 20, 1993.
82. Towne B, Roche AF, Chumlea WmC, **Guo SS**, Siervogel RM. No evidence of pleiotropy for either body mass index or waist/hip circumference ratio and total serum cholesterol concentration. *Obes Res* 1(Suppl 2):110S, 1993.
 83. Wellens R, Siervogel R M, Khamis H J, **Guo SS**, Chumlea W C, Roche A F. Fat distribution by dual-energy X-ray absorptiometry: Association with metabolic and anthropometric variables. Abstracts of the 33rd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Santa Fe, New Mexico, American Heart Association. p. 9, 1993.
 84. **Guo SS**, Salisbury S, Roche AF, Chumlea WmC, Casey PH, Moore WM, Siervogel RM. Gestational-age corrected reference data on gains in weight, recumbent length, and head circumference for preterm low-birth-weight infants during the first three years of life from a multicenter longitudinal study. *Ped Res* 35:114A, 1994.
 85. **Guo SS**, Roche AF, Chumlea WmC, Li L, Siervogel RM. Longitudinal analysis of blood pressures from 8 to 22 years with BMI measures and maturity levels as time-varying covariates. The Biometric Society Eastern North American Region Program and Abstracts p. 61, 1994.
 86. Towne B, Parks J, Roche AF, **Guo SS**, Chumlea WmC, Siervogel RM. The genetic epidemiology of patterns of human growth. *Am J Hum Biol* 6:133, 1994.
 87. Towne B, Roche AF, Chumlea WmC, **Guo SS**, Siervogel RM. Analysis of pleiotropy between body mass, fat pattern, and serum HDL-C and LDL-C concentrations. *Am J Phys Anthropol (Suppl 18)*:196-197, 1994.
 88. Wellens R, Roche AF, Jackson K, Boska MD, **Guo SS**, Siervogel RM. Validation of limb muscle mass by high frequency energy absorption (HFEA) versus magnetic resonance imaging (MRI). *Am J Phys Anthropol (Suppl 18)*:205, 1994.
 89. Wellens R, Roche AF, Khamis H, **Guo SS**, Chumlea WmC, Siervogel RM. Body composition by hydrodensitometry, dual energy x-ray absorptiometry and total body water in adults. *Med Sci Sports Exer* 26:S40, 1994.
 90. Bellisari A, Wellens R, Roche AF, Boska M, **Guo SS**, Chumlea WmC, Siervogel RM. Validation of ultrasonic and skinfold measurements of subcutaneous adipose tissue using magnetic resonance imaging. *J Hum Biol* 6:116, 1994.
 91. Roche AF, Cottom C, **Guo SS**, Attie K. Precision of Fels (Hand-Wrist) and RWT (Knee Skeletal Ages). *Am J Hum Biol* 6:130, 1994.
 92. Chumlea WmC, **Guo SS**, Vellas B, Guigoz Y. Techniques of assessing muscle mass and function for epidemiological studies of the elderly. National Institute on Aging, NIH Sarcopenia Workshop Abstracts p. 9, 1994.
 93. **Guo SS**, Chumlea WmC, Cockram DB. Use of statistical methods to best estimate body composition or adiposity. Program and Abstracts from Bioelectrical Impedance Analysis in Body Composition Measurement, An NIH Technology Assessment Conference pp. 31-35, 1994.
 94. Chumlea WmC, **Guo SS**, Cockram DB, Siervogel RM. Mechanical and physiological modifiers of bioelectrical impedance analysis measurements. Program and Abstracts from Bioelectrical Impedance Analysis in Body Composition Measurement - An NIH Technology Assessment Conference pp. 21-25, 1994.
 95. **Guo SS**. Comparisons among methods for the measurement of total body composition. Proceedings of the Midwest Chapter of the American College of Sports Medicine p. 5, 1994.
 96. Roche AF, Wellens R, **Guo SS**, Chumlea WmC, Siervogel RM. Relationships of skeletal age to limb composition during pubescence. *Med Sci Sports Exer* 27 (Suppl):S119, 1995.
 97. Wellens R, Roche AF, Khamis H, Chumlea WmC, **Guo SS**, Siervogel RM. Fatness and fat distribution by anthropometry and dual-energy x-ray absorptiometry as related to cardiovascular risk. *Med Sci Sports Exer* 27 (Suppl):S34, 1995.
 98. Hecker K, Towne B, **Guo SS**, Greenberg C, Hall L, Roche AF, Chumlea WmC, Siervogel RM. Sex differences in changes during middle age in associations between blood pressure and adiposity. *Am J Hum Biol* 7:126, 1995.

99. Siervogel RM, **Guo SS**, Wisemandle WA, Towne B, Wellens R, Hecker KL, Hall LA, Roche AF, Chumlea WmC. Trunk fat versus total body fat measures from dual energy x-ray absorptiometry (DXA) in relation to levels of blood pressure in white adults. *Am J Clin Nutr* 61:895, 1995.
100. **Guo SS**. Tracking of childhood obesity: Implications for health. Workshop on Prevention and Treatment of Childhood Obesity: Research Directions Book of Abstracts. National Institutes of Health p 19, 1995.
101. **Guo SS**, Chumlea WmC, Siervogel RM. Changes in blood pressures and levels of body fatness from childhood to young adulthood. *Am J Epidemiol* 141:S16, 1995.
102. Chumlea WmC, **Guo SS**, Roche AF, Siervogel RM. Concurrent tracking of blood pressure and abdominal circumference in adults followed over a 30 year period: The Fels Longitudinal Study. *Am J Epidemiol* 141:S17, 1995.
103. **Guo SS**, Wholihan K, Chumlea WmC, Siervogel RM. Patterns of changes in body composition from 8 to 22 years in relation to levels of maturity. *Med Sci Sports Exer* 27(Suppl):S169, 1995.
104. Chumlea WmC, **Guo SS**, Roche AF, Wellens R, Siervogel RM. Frame size and body composition. *Med Sci Sports Exer* 27(Suppl):S35, 1995.
105. **Guo SS**, Chumlea WmC, Siervogel RM. Serial analysis of blood pressures from 8 to 22 years with BMI and maturity levels as time-varying. *Am J Hum Biol* 7:123-124, 1995.
106. **Guo SS**, Wisemandle WA, Tyleshevski FE, Roche AF, Chumlea WmC, Specker B, Heubi J, Siervogel RM. Inter-machine and inter-method differences in body composition measures from dual energy x-ray absorptiometry and hydrodensitometry. Abstracts from the Seventh Asian Congress of Nutrition, Satellite Meeting, Tianjin, China. 1995.
107. B Towne, Parks JS, **Guo SS**, Siervogel RM. Quantitative genetic analysis of associations between pubertal growth spurt parameters. *American Journal of Human Genetics* 57(Suppl.):A173, 1995.
108. Chumlea WmC, Roche AF, **Guo SS**. Growth maturation and body composition: The Fels longitudinal study and sports medicine. *Med and Sci Sports Exe* 28(Suppl):S106, 1996.
109. Towne B, Parks JS, **Guo SS**, Siervogel RM. Genetic analysis of pubertal growth pattern parameters. . *American Journal of Physical Anthropology Supplement* 22:230, 1996.
110. Munoz NJ, Towne B, Greenberg C, Hecker K, Hall L, **Guo SS**, Chumlea WmC, Roche AF, Siervogel RM. Differences in changes from childhood to young adulthood in associations between blood pressure and body mass index in subjects from hypertensive vs randomly selected families. *American Journal of Human Biology* 8(1):125, 1996.
111. Roche AF, **Guo SS**, Chumlea WmC, Tyleshevski F, Siervogel RM. The prediction of body mass index values at 35 years. *American Journal of Human Biology* 8(1):127, 1996.
112. Roche AF, **Guo SS**, Wholihan K, Chumlea WmC. Weight-for-length reference data for low birth weight infants born preterm. *American Journal of Physical Anthropology Supplement* 22:200, 1996.
113. **Guo SS**, Roche AF, Chumlea WmC, Siervogel RM. Serial changes of blood pressure from childhood into young adulthood and their association with levels of body fatness and maturity: The Fels Longitudinal Study. Modeling longitudinal and spatially correlated data: Methods, applications, and future directions. Nantucket, Massachusetts, 1996.
114. **Guo SS**, Chumlea WmC, Roche AF, Siervogel RM. Age-related changes in body composition and maturity from 8 to 23 years. International Symposium on In Vivo Body Composition Studies, Malmo, Sweden 1996.
115. Siervogel RM, **Guo SS**, Chumlea WmC, Wisemandle W, Towne B, Roche AF. Adult changes in body composition are associated with changes in lipids and lipoproteins: The Fels Longitudinal Study. International Symposium on In Vivo Body Composition Studies, Malmo, Sweden 1996.
116. Chumlea WmC, **Guo SS**, Siervogel RM. Phase angle spectrum analysis and body water. International Symposium on In Vivo Body Composition Studies, Malmo, Sweden 1996.
117. WC Chumlea, **Guo SS**, Vellas B. Changes in body composition with aging and sarcopenia. Abstracts, Nutrition Personnes Ages au-dila des apports recommandes, CERIN, Paris, France. 1996.
118. WC Chumlea, **Guo SS**, Vellas B. Relationship of diet in childhood to bone density in adulthood in The Fels Longitudinal Study. Abstracts , Nutrition Personnes Ages au-dila des apports recommandes, CERIN, Paris, France. 1996.
119. Chumlea WmC, **Guo SS**. The relationship of diet in childhood to risk factors for disease in adulthood.

- American Society for Nutritional Sciences at Experimental Biology '97, New Orleans, FASEB 11: (3) A354, 1997.
120. **Guo SS**, Roche AF, Chumlea WmC, Siervogel RM. Serial analyses of blood pressure from 8 to 23 in relation to BMI and maturity. Abstracts from the 4th International Conference on Preventive Cardiology, Montreal, Canadian J. Cardiol. 13:67B.1997.
 121. Chumlea WmC, Zeller C, Siervogel RM, **Guo SS**. Reference data for total body water for Caucasian adults, 18 to 64 years of age: The Fels Longitudinal Study. Sixteenth International Congress of Nutrition, Montreal, Book of Abstracts, p.77, 1997.
 122. **Guo SS**, Wisemandle W, Chumlea WmC, Siervogel, RM. An application of longitudinal mixed models with AR (1) errors to long-term serial cardiovascular risk factors. JSM Abstract Book, p.134, 1997.
 123. Chumlea WmC, **Guo SS**. The relationship of diet in childhood to risk factors for disease in adulthood. FASEB 11:(3) A354, 1997.
 124. Siervogel RM, Wisemandle W, **Guo SS**, Chumlea WmC, Towne B. Changes throughout adulthood in lipids and lipoproteins are related to concurrent changes in body fatness: The Fels Longitudinal Study. FASEB 11:(3) A230, 1997.
 125. **Guo SS**, Chumlea WmC, Siervogel RM, Roche AF. Age-related changes in body fat and fat-free mass in relation to maturity from 8 to 23 years: The Fels Longitudinal Study. FASEB 11:(3) A232, 1997.
 126. Chumlea WmC, **Guo SS**, Cockram, D. Stature prediction equations using knee height for elderly Americans from NHANES III (1988-94). J. Am. Dietetic Assoc. 97:A-11, 1997.
 127. Zeller C, **Guo SS**, Chumlea WmC, Siervogel, R. Age-related changes in total body bone mineral content and bone mineral density: The Fels Longitudinal Study 1929-1996. Gerontol. Soc. Am. 37:13, 1997
 128. **Guo SS**, Zeller C, Chumlea WmC, Siervogel R. Age-related changes in fat and lean tissues from middle-aged to older adults. J. Gerontol. 37:253, 1997.
 129. Chumlea WmC, Andres R, Garry P, Kaplan G, **Guo SS**, Hazuda H. Longitudinal studies: Coming of age. Longitudinal methods and analyses. Symposia: Gerontol. Soc. Am. 37:151, 1997.
 130. Chumlea WmC, Hall G, Lilly F, Siervogel RM, **Guo SS**. The mini nutritional assessment and body composition in healthy adults. Nestlé Symposium "MNA in the Elderly" Lausanne, Switzerland, October, 1997, pg. 5.
 131. Siervogel RM, Towne B, Wisemandle W, Chumlea WmC, **Guo SS**. Childhood changes in leptin levels and their relationship to concurrent changes in body fatness: The Fels Longitudinal Study. Obesity Res. 5 (Suppl. 1): 34S, 1997.
 132. Chumlea WmC, **Guo SS**, Vellas B. Relationship of diet in childhood to bone density in adulthood in the Fels Longitudinal Study. J. Nutr. Health & Aging 1:136, 1997.
 133. Siervogel RM, Wisemandle W, **Guo SS**, Chumlea WmC, Towne B. Serial changes in body composition in relation to changes in lipid and lipoprotein levels: The Fels Longitudinal Study. Am. J. Clin. Nutr. 66:216, 1997.
 134. Chumlea WmC, **Guo SS**, Vellas B. Changes in body composition with aging and sarcopenia. J. Nutr Health & Aging 1:137-138, 1997.
 135. Wisemandle W, Towne B, Chumlea WmC, **Guo SS**, Siervogel RM. Multi-year tracking correlations for Leptin levels during childhood and adolescence: The Fels Longitudinal Study. Obesity Res. 5 (Suppl. 1): 42S, 1997.
 136. **SS Guo**, Zeller CM, Chumlea WC, Roche AF, Siervogel RM. Body composition and secular trends in children and young adults: The Fels Longitudinal Study 1929-1996. American Journal of Clinical Nutrition 66(1):220, 1997.
 137. **SS Guo**, Wisemandle WA, Chumlea WC. Workshop "Sarcopenia and Physical Performance on Old Age:" Statistical principles underlying the applications of laboratory methods to field studies. Muscle & Nerve (suppl.) 5:S32-S34, 1997.
 138. **Guo SS**, Wisemandle W, Chumlea WmC, Siervogel RM. Fifty years tracking of obesity from childhood into older adulthood. Am. J. Epid. 147:S49, 1998.
 139. **Guo SS**, Chumlea WmC, Heymsfield S, Lukaski H, Schoeller D, Siervogel RM, Friedl K, Kuczmarski R, Hubbard V. The US National distributions of body fatness. Int. J. Obesity, 22:S211, 1998.
 140. **Guo SS**. Workshop: Applications of the revised NCHS/CDC growth charts (in honor of Dr. Alex F. Roche). Nutrition Notes 34: (1)7, 1998.

141. Siervogel RM, Demerath EW, Wisemandle WA, **Guo SS**, Chumlea WmC, Blangero J, Towne B. The association between changes in leptin concentration in adults and concurrent changes in body composition: The Fels Longitudinal Study. *FASEB J. Abstracts part II 12: (5) A651*, 1998.
142. Siervogel RM, Wisemandle WA, Towne B, Maynard LM, **Guo SS**, Chumlea WmC, Serial blood pressure changes throughout adulthood and their relationships to changes in body composition: The Fels Longitudinal Study. *Circulation 97:827*, 1998.
143. Wisemandle W, Chi E, **Guo SS**. Computer programs calculate predicted values and tracking correlations from mixed models with first order autoregressive errors. *American Statistical Association. Joint Statistical Meeting 1997 Book of Abstracts:39*, 1997.
144. **Guo SS**, Huang C, Chumlea WmC, Roche AF, Wisemandle W, Siervogel RM. Long-term changes in BMI during growth in relation to adulthood obesity and cardiovascular risk factors. *Int J Obesity, 22:S25*, 1998.
145. Zeller CM, **Guo SS**, Chumlea WmC, Siervogel RM, Roche AF. Aging, bone mineral, and related risk factors. *Bone 23: (Suppl 5) S288*, 1998.
146. Wisemandle W, Siervogel RM, **Guo SS**, Chumlea WmC. Childhood levels of weight, stature, and body mass index for individuals with early and late onset of overweight. *Int J Obesity, 22:S3*, 1998.
147. Siervogel RM, Wisemandle WA, Towne B, **Guo SS**, Chumlea WmC. Effects of age of onset of overweight, its duration, and its maintenance on adiposity and cardiovascular disease (CVD) risk factors: The Fels Longitudinal Study. *Int. J. Obesity 22:S210*, 1998.
148. Chumlea WmC, Hall G, Lilly F, Siervogel RM, **Guo SS**. The MNA and Body Composition in Healthy Adults. pp. 3-4 In: *Mini Nutritional Assessment (MNA): Research and Practice in the Elderly*. Nestlé Nutrition Workshop Series, Clinical & Performance Programme No. 1. Nestlé Nutrition Services, Nestec Ltd., Vevey, Switzerland, 1998
149. Girman C, Rhodes T, Lilly F, **Guo SS**, Chumlea WmC. The Association between bother and concern with self-perceived hair loss of men in the community. *J Inv Derm 110:199*, 1998.
150. Lilly F, Chumlea WmC, **Guo SS**, Rhodes T, Girman C. Interrater agreement of rater and subject assessment of male pattern hair loss. *J Inv Derm 110:199*, 1998.
151. Chumlea WmC, **Guo SS**, Heymsfield S, Lukaski H, Schoeller D, Siervogel RM, Friedl K, Kuczmarski R, Johnson C, Everhart J, Hubbard V. Bioelectrical impedance (BIA): Prediction equations for nationally representative NHANES III BIA data. *Int J Obesity, 22:S190*, 1998.
152. Gao AJ, Chumlea WmC, Siervogel RM, **Guo SS**. Body mass index percentile changes during childhood in relation to cardiovascular disease risk factors during adulthood. *Am J Hum Biol 11:112*, 1999.
153. Demerath EW, Towne B, Chumlea WmC, **Guo SS**, Wisemandle W, Nguyen TV, Siervogel RM. Reliability and validity of an air displacement plethysmograph for measuring body density. *Am J Hum Biol 11 (1):109*, 1999
154. Chambers BA, **Guo SS**, Hall G, Lilly F, Siervogel RM, Chumlea WmC. Cumulative effects of cardiovascular risk factors on quality of life in Black and White individuals. *Am J Hum Biol 11 (1):106*, 1999.
155. Chumlea, WmC, **Guo SS**. Sarcopenia. *Vth Research Symposium on Geriatric Medicine, Toulouse, Abstract, p. 14*, 1999.
156. **Guo SS**, Huang C, Demerath E, Chumlea WmC, Siervogel RM. Childhood adiposity in relation to adulthood obesity. *FASEB Abstract p A595*, 1999.
157. Demerath EW, Towne B, **Guo SS**, Chumlea WmC, Siervogel RM. Birthweight and blood pressure: The Fels Longitudinal Study. *Circulation, 99(8):1105, Abstract 1999*.
158. Siervogel RM, Wisemandle WA, **Guo SS**, Chumlea WmC, Towne B. Childhood versus adult onset of overweight and subsequent body composition: The Fels Longitudinal Study. *Faseb Journal 13:4, pA596*, 1999.
159. **Guo SS**, Zeller C, Chumlea WC: Statistical applications for the construction of the new US national growth charts. *International Biometric Society for ENAR, Program Abstracts pg. 163*, 1999.
160. Maynard LM, **Guo SS**, Wisemandle WA, Chumlea WC, Zeller CM, Siervogel RM: Effect of recent sports history on long-term changes in percent body fat of healthy adults. *Med Sci Sports Exer 31:S125*, 1999

161. Siervogel RM, Wisemandle WA, Maynard LM, **Guo SS**, Chumlea WC, Towne B: The effects of overweight duration and physical activity on adult body composition: The Fels Longitudinal Study. *Med Sci Sports Exer* 31:S65, 1999.
162. Chumlea WmC, Wu Y, Hall G, Siervogel RM, **Guo SS**. Differential relationships in the association of fat-free mass with age from Health Assessment 2000. *J. Gerontologist-Program Abstracts*, 39:spec issue 1, p7, 1999.
163. Chumlea WmC, Siervogel RM, Wu Y, Hall G, **Guo SS**, Bioelectric impedance spectrum and body composition. Symposium on in vivo body composition studies, Program & Abstracts-Poster Session I, 1999.
164. RM Siervogel, Maynard LM, Wisemandle WA, Roche AF, **Guo SS**, Chumlea WC, Towne B. Changes in total body fat (TBF) and fat free mass (FFM) in children from 8- to 18-years with changes in body mass index (BMI): The Fels Longitudinal Study. Fifth International Symposium On In Vivo Body Composition Studies, Program & Abstracts:140, 1999.
165. **Guo SS**, Chumlea WmC, Zeller C, Siervogel RM. Longitudinal total body water volumes for white adults. *Am Soc Nephrology, Sept Suppl*, p16A, 10:1999.
166. Chumlea WmC, **Guo SS**, Siervogel RM, Garry PJ, Baumgartner RN, Heymsfield RM. Prediction of total body water volumes for white and black adults. *Am Soc Nephrology, Sept Suppl*, p13A, 10:1999.
167. **Guo SS**, Chumlea WmC, Siervogel RM. Statistical Issues in Epidemiological Applications of Body Composition Data. Fifth International Symposium on In Vivo Body Composition Studies, Program and Abstracts-Body Composition Models, p 46,1999.
168. Towne B, **Guo SS**, Huang C, Chumlea WmC, Siervogel RM. Heritabilities of Body Mass Index Growth Curve Parameters. *Obesity Research*, 7: suppl 1, p 31S, Abstract, 1999.
169. Siervogel RM, Wisemandle WA, Towne B, Maynard LM, **Guo SS**, Chumlea WC. Changes in blood pressure and adiposity throughout adulthood and their relationship to physical activity in overweight and never-overweight groups: The Fels Longitudinal Study. *Am J of Hyper*, 12:4 p95A, 1999.
170. **Guo SS**, Zeller C, Chumlea WmC, Siervogel RM. Aging, Lifestyle, and Body composition: the Fels Longitudinal Study. *Gerontologist-Program Abstracts 52nd annual scientific meeting*. 39:spec issue 1, p8, 1999.
171. Zeller C, **Guo SS**, Chumlea Wm C, Siervogel RM. Statistical application to the development of reference data for indices of obesity and fat distribution. *JSM 1999 Abstract Book*, p256, 1999.
172. Chumlea WmC, **Guo SS**, Siervogel RM, Baumgartner RN, Garry P, Wange J, Pierson RN, Heymsfield S. Total body water values for adults 20 to 80 years of age. Workshop, Nutrition and Successful Ageing Abstracts, Danone Res Center, 1999.
173. **Guo SS**, Chumlea WmC. Methodological issues in nutrition and aging workshop, Nutrition and Successful Ageing Abstracts, Danone Res Center, 1999.
174. Maynard LM, **Guo SS**, Chumlea WmC, Zeller CM, Wisemandle WA, Siervogel RM. Effect of sports activity on long-term changes in lipid and lipoproteins of healthy adults. *Faseb Journal* vol 13: A560 Issue 4, 1999.
175. TV Nguyen, Roche AF, Wisemandle WA, Towne B, **Guo SS**, Chumlea WC, Siervogel RM. Accretion of bone mass during adolescence: The key role of estrogen. *Journal of Bone and Mineral Research* 14 (S1):S383, 1999.
176. RM Siervogel, Wisemandle WA, **Guo SS**, Chumlea WC, Towne B. Childhood onset of overweight and subsequent CVD risk factor levels near age 40 years: The Fels Longitudinal Study. *Circulation* 99(8):1113, 1999
177. TV Nguyen, Roche AF, Wisemandle WA, Towne B, **Guo SS**, Chumlea WC, Siervogel RM. Sex-differences in bone mass acquisition during growth: A longitudinal Study. *Journal of Bone and Mineral Research* 14(S1):S383, 1999
178. **Guo SS**, Roche AF, Moore Wm. The Revised U.S. National Growth Charts, Nutrition and the M.D (vol 25), San Diego, Univ of California, pp 1-4, 2000.
179. Towne B, **Guo SS**, Chumlea WmC, Roche AF, Siervogel RM. Genetics of age related changes in cardiovascular disease risk factors. *Am J Physical Anthropologists* S30 p 304, 2000.

180. **Guo SS** Chumlea WmC, Heymsfield S, Lukaski H, Schoeller D, Friedl K, Kuczmarski RJ, Flegel K, Johnson CL, Hubbard VS. Bioelectrical impedance (BIA) prediction equations for nationally representative NHANES III BIA Data. FASEB journal Abstracts, Exp Biology 44.2, pA39, 2000.
181. Chumlea WmC, **Guo SS**, Kuczmarski RJ, Johnson CL, Flegel S, Heymsfield S, Lukaski H, Schoeller D, Friedl K, Hubbard V. Estimates of Body Composition from Nationally I Representative NHANES III BIA data. FASEB journal Abstracts, Exp Biology, 44.3, pA39, 2000.
182. Czerwinski SA, Towne B, **Guo SS**, Chumlea WC, Roche AF, Siervogel RM. Genetic and environmental influences on lipid and lipoprotein levels in pre- and post-pubertal children. Human Biology Assoc Abstracts , p 289, 2000.
183. Maynard LM, Wisemandle W, **Guo SS**, Chumlea WC, Towne B, Siervogel RM,. Improved Body Composition and blood pressure is associated with sports activity behavior in women. Medicine & Science in Sports & Exercise, 32:5 suppl, pS189,2000.
184. Siervogel RM, Wisemandle WA, Maynard LM, **Guo SS**, Chumlea WmC, Towne B. BMI and what it means in terms of body composition in normal, health children from the Fels Longitudinal Study. FASEB Journal of Abstracts for Experimental Biology, 366.3, pA524, 2000.
185. **Guo SS**, Wu W, Chumlea Wm C. Bivariate Longitudinal model: An application to body composition and cardiovascular risk factors. IBS, ENAR Spring Meeting Program and Abstracts, p201, 2000.
186. PA Lee, **Guo SS**, Kulin H. US Growth Surveys. RH Workshop hormones and endocrine disrupters in food and water: Possible impact on human health. Copenhagen, Denmark: Human Reproduction and Human Reproduction Update Rigshospitalet Copenhagen University Hospital, 2000:pg 27..
187. **Guo, SS**, Chumlea WmC, Maynard ML, Siervogel RM. Adiposity during Childhood, adolescence, and young adulthood in relation to adult cardiovascular risk factors. abstract, Circulation suppl, #4181 p II-872, October 2000 (Abstracts from Scientific Sessions 2000 New Orleans, LA Nov 2000).
188. Czerwinski SA, Towne B, Williams JT, Demerath EW, **Guo SS**, Siervogel RM. Childhood growth and adult chronic disease risk: a quantitative genetic analysis. Acta Med Auxol: 32(1)43, 2000.
189. SA Czerwinski, Wisemandle WA, Towne B, Demerath EW, **Guo SS**, Chumlea WC, Siervogel RM. The relationship between physical growth in stature and onset of overweight. Obesity Research 8(S1):19S, 2000.
190. Demerath EW, Zeller C, Towne B, **Guo SS**, Chumlea WmC, Siervogel RM. Menopausal status and current usage of oral contraceptives and hormone replacement therapy in relationship to soluble concentrations of adhesion molecules. AHA 41st Conf. Circulation 103 (9) p1357, 2001.
191. Siervogel RM, Czerwinski SA, Maynard LM, Wilson AF, Demerath EE, **Guo SS**, Rogers N. Genetic analysis of blood pressure and blood pressure response to orthostatic stress: are the same genes involved in both traits? AHA 41st conf. Circulation 103 (9) p1354, 2001.
192. Czerwinski SA, William JT, Wisemandle W, Towne B, Demerath, EW, **Guo SS**, Chumlea WmC, Siervogel RM. Genetic and Environmental contributions to childhood growth in stature and lifetime overweight risk. AHA 41st conf. Circulation 103 (9) p1352, 2001.
193. Towne B, Rogers NL, Demerath EW, Czerwinski SA, **Guo SS**, Chumlea WmC, Siervogel RM. Quantitative genetics of body composition and homeostasis model assessment (HOMA) measures of insulin sensitivity and beta-cell function. AHA 41st annual conf. Circulation 103 (9) p1353, 2001.
194. **Guo SS**, Wu W, Chumlea WmC, Beckett LA. Simultaneous modeling of the associations between changes over time in body fat and total cholesterol from childhood into young adulthood. Am J Epid Supplement 153 (11): S58, 2001.
195. Chumlea WmC, **Guo SS**, Zeller CM, Towne B, Siervogel RM. Blood pressure, abdominal circumference and body fatness in adults: Abstracts 2001 Congress of Epidemiology, Am J Epid Supplement 153 (11) S58, 2001.
196. Demerath EW, Czerwinski S, Towne B, **Guo SS**, Chumlea WC, Siervogel RM. Genetic relationships between age at adiposity rebound and changes in childhood BMI. Obesity Research 9:84S,2001.
197. Rogers NL, Towne B, Zeller CM, Demerath EW, Czerwinski SA, **Guo SS**, Chumlea Wm C, Siervogel RM. Regional fat distribution in premenopausal and postmenopausal African American and Caucasian Women. Obesity Research 9: (3), 157S NAASO 2001 Poster Presentations 2001.

198. Czerwinski SA, Zeller CM, Towne B, Demerath EW, **Guo SS**, Chumlea WmC, Siervogel RM. Changes in body composition following weight loss in overweight and on-overweight adults. *Obesity Research* 9:164S, 2001.
199. Demerath EW, Li J, Towne B, **Guo SS**, Chumlea WC, Siervogel RM. Secular changes in the pattern of BMI increase during puberty: The Fels Longitudinal Study. *Am J Hum Biol abstracts* 14(1):109, 2002.
200. Czerwinski SA, Williams JT, Wisemandle WA, Towne B, Demerath EW, **Guo SS**, Chumlea WC, Siervogel RM. Genetic and environmental contributions to childhood growth in stature and lifetime overweight risk. *Circulation* 103:1352d, 2002.
201. Rogers NL, Towne B, Demerath EW, Czerwinski SA, Chumlea Wm C, **Guo SS**, Siervogel RM. Associations between body composition and blood pressure in middle-aged and older Caucasian and African American women. *Human Biology Abstracts, AJHB* 14(1) 129, 2002.
202. Schubert CM, Chumlea WmC, Siervogel RM, **Guo SS**. Age-related changes in blood pressure from middle into old age: The Fels Longitudinal Study. 42nd Annual conf cardio dis epid & prev AHA Abstracts Program P305 and *Circulation* 105(14) <http://aha.agora.com/abstractviewer> 2002.
203. Remsberg KE, Rogers NL, Towne B, **Guo SS**, Chumlea WmC, Siervogel RM. Male-female differences in pubertal insulin resistance: The Fels Longitudinal Study. 42nd Annual Conf cardio dis epid/prev AHA Abstracts Program P99 and *Circulation* 105 (14) <http://aha.agora.com/abstractviewer> 2002.
204. **Guo SS**, Schubert CM, Chumlea WmC, Roche AF, Kulin H, Lee PA, Himes JH. National estimates and racial differences for the timing of sexual maturation among U.S. children. IEA World Congress Programme & book abstracts, Aug 21, poster pres WP12 (no pg #), 2002.
205. WC Chumlea, Schubert CM, Roche AF, Kulin H, Lee PA, Himes J, **Guo SS**. Age at menarche and racial comparisons in U.S. girls. Final Programme XVI IEA World Congress of Epidemiology:OC 11.16, 2002.
206. C Schubert, Chumlea WC, Roche AF, Kulin H, Lee PA, Himes JH, **Guo SS**. Discordant sexual maturity assessments among US children in relation to growth. Final Programme XVI IEA World Congress of Epidemiology:WP15, 2002.
207. R Liang, Schubert C, Chumlea WC, Roche AF, **Guo SS**, Kulin H, Lee PA, Himes JH. Secular trend of sexual maturation in boys from US National Surveys. Final Programme XVI IEA World Congress of Epidemiology:OC.24.23, 2002.
208. **Guo SS**, Chumlea WmC, Wu W. The longitudinal measurement error models with applications to cardiovascular risk factors. *JSM Abstracts* p23, 2002.
209. Wu Wei, Chumlea WmC, **Guo SS**. Causal effect estimation in longitudinal study with applications to cardiovascular risk factors. *JSM Abstracts* p22, 2002.
210. Siervogel RM, Schubert CM, Chumlea WmC, Czerwinski SA, Demerath EW, **Guo SS**, Towne B. Childhood Adiposity and Blood Pressure: The Fels Longitudinal study. 42nd Annual Conf cardio dis epid/prev AHA Abstracts Program P249 and *Circulation* 105 (14) <http://aha.agora.com/abstractviewer> 2002.
211. Czerwinski SA, Towne B, Demerath EW, Chumlea WmC, **Guo SS**, Siervogel RM. Genetic and environmental correlations between stature growth curve parameters and age at BMI rebound. *Am J Hum Genetics* 71(4) p349, 2002.
212. Demerath EW, Czerwinski SA, Towne B, **Guo SS**, Chumlea WmC, Siervogel RM. Fetal and infant growth rate: genetic and environmental correlations. *Am J Hum Genetics* 71(4) p356, 2002.
213. SA Czerwinski, Towne B, Demerath EW, Chumlea WC, **Guo SS**, Siervogel RM. Genetic and environmental correlations among stature growth curve parameters. *American Journal of Human Biology* 14(1):108, 2002
214. EW Demerath, B Towne, J Li, SA Czerwinski, **SS Sun**, WC Chumlea, RM Siervogel: Serial changes in circulating cell adhesion molecule concentrations in healthy children: The Fels Longitudinal Study. *Circulation* 2003, 107:e7001:25.
215. EW Demerath, SA Czerwinski, B Towne, **SS Sun**, WC Chumlea, RM Siervogel: Genetic and environmental correlations between age at adiposity rebound and subsequent changes in childhood BMI. *American Journal of Physical Anthropology* 2003, S36:87.
216. M Lee, SA Czerwinski, B Towne, EW Demerath, WC Chumlea, **SS Sun**, RM Siervogel: Heritability of calcaneal quantitative ultrasound measures in healthy adults from the Fels Longitudinal Study. *Journal of Bone and Mineral Research* 2003, 18:S126.

217. R Lund, A Bellisari, NL Rogers, RM Siervogel, B Towne, **SS Sun**, WC Chumlea, EW Demerath: Quantification of visceral adipose tissue volume using a multiple-slice MRI protocol: Measurement error and reliability. *American Journal of Human Biology* 2003, 15:272.
218. KE Remsberg, CM Schubert, WC Chumlea, **SS Sun**, EW Demerath, SA Czerwinski, B Towne, RM Siervogel: Age at menarche and cardiovascular disease (CVD) risk factors in adolescent girls: The Fels Longitudinal Study. *Circulation* 2003, 107:e7001:34.
219. NL Rogers, CM Schubert, WC Chumlea, **SS Sun**, RM Siervogel, B Towne: Ethnic differences in regional fat distribution, education, and hormone use in pre and post-menopausal women. *Obesity Research* 2003, 11:A131.
220. CM Schubert, WC Chumlea, H Kulin, PA Lee, JH Himes, **SS Sun**: Discordant sexual maturation is related to body weight and BMI among U.S. children. *Pediatric Research* 2003, 54:776.
221. **SS Sun**, CM Schubert, WC Chumlea, H Kulin, M Lee, H Himes: Is sexual maturity occurring earlier among U.S. children? *Pediatric Research* 2003, 54:777.
222. SA Czerwinski, M Lee, AC Choh, EW Demerath, WC Chumlea, **SS Sun**, RM Siervogel: Genome-wide scan for QTL underlying normal variation in calcaneal quantitative ultrasound measures: The Fels Longitudinal Study. *Journal of Bone and Mineral Research* 2004, 19:S381.
223. M Lee, SA Czerwinski, EW Demerath, **SS Sun**, WC Chumlea, B Towne, RM Siervogel: Quantitative genetic analysis of inflammatory markers: The Fels Longitudinal Study. *Circulation* 2004, 109:18.
224. M Lee, SA Czerwinski, AC Choh, B Towne, EW Demerath, WC Chumlea, **SS Sun**, RM Siervogel: Unique and common genetic effects between bone mineral density and calcaneal quantitative ultrasound measures among healthy adults: The Fels Longitudinal Study. *Journal of Bone and Mineral Research* 2004, 19:S244.
225. KE Remsberg, EW Demerath, C Schubert, **SS Sun**, WC Chumlea, SA Czerwinski, B Towne, RM Siervogel: Longitudinal relationships between insulin and related cardiovascular disease risk factors: The Fels Longitudinal Study. *Circulation* 2004, 109:63.
226. CM Schubert, NL Rogers, KE Remsberg, **SS Sun**, WC Chumlea, B Towne, RM Siervogel: Covariation of adiposity, fat-free mass and CVD risk from middle to old age: The Fels Longitudinal Study. *Circulation* 2004, 109:28.
227. **SS Sun**, R Wu, WC Chumlea, EW Demerath, AC Choh, M Lee, KE Remsberg, SA Czerwinski, B Towne, RM Siervogel: Childhood precursors for adulthood metabolic syndrome. *Circulation* 2004, 109:5.
228. WC Chumlea, CM Schubert, B Towne, EW Demerath, RM Siervogel, A Pickoff, S Daniels, **SS Sun**: Abdominal circumference and left ventricular mass in men and women in The Fels Longitudinal Study. *Circulation* 2005, P147:<http://cir.ahajournals.org/cgi/reprint/111/14/e184>.
229. **SS Sun**, R Wu, SA Czerwinski, M Lee, EW Demerath, KE Remsberg, Y Rivel, B Towne, WC Chumlea, RM Siervogel: BMI at adiposity rebound, puberty, and post-puberty in relation to adulthood cardiovascular risk factors. 2005, P156:<http://circ.ahajournals.org/cgi/reprint/111/4/e40>.
230. WC Chumlea, CM Schubert, B Towne, EW Demerath, RM Siervogel, **SS Sun**: Body composition and left ventricular mass in men and women in the Fels Longitudinal Study. *Clinical Nutrition* 2005, 9:136.
231. A Choh, E Demerath, **S Sun**, WC Chumlea, S Czerwinski, M Lee, K Remsberg, N Rogers, B Towne, R Siervogel. Changes in fat composition of BMI in adults, 1980-2000: The Fels Longitudinal Study. *Obesity Research*, 2005;S13:A28.
232. E Demerath, A Choh, **S Sun**, WC Chumlea, F Tyleshevski, M Lee, K Remsberg, S Czerwinski, B Towne, R Siervogel. Changes in tissue composition of BMI in children, 1980-2000: The Fels Longitudinal Study. *Obesity Research*, 2005;S13:A27-28., 2005.
233. **SS Sun**, CM Schubert, RM Siervogel, B Towne, EW Demerath, SA Czerwinski, A Pickoff, S Daniels, WC Chumlea: Childhood adiposity predicts adulthood risk factors for cardiovascular disease and type 2 diabetes. *Circulation* 2005, P6:<http://cir.ahajournals.org/cgi/reprint/111/14/e184>.
234. CM Schubert, WC Chumlea, B Towne, EW Demerath, RM Siervogel, A Pickoff, S Daniels, **SS Sun**: The effects of obesity on left ventricular mass in women: The Fels Longitudinal Study. *Circulation* 2005, P96:<http://circ.ahajournals.org/cgi/reprint/111/14/e184>.
235. B Towne, M Lee, EW Demerath, SA Czerwinski, A Pickoff, WC Chumlea, RM Siervogel, **SS Sun**: Heritability of echocardiographic measures of heart morphology in adults from The Fels Longitudinal Study. *Circulation* 2005, P193:<http://cir.ahajournals.org/cgi/reprint/111/14/e184>.

236. WC Chumlea, C Schubert, **S Sun**, B Towne, E Demerath, R Siervogel: Hydration of Weight and FFM in Children and Effects on Obesity Estimates. The Cooper Institute Conference Series, Dallas TX, 2005.
237. SA Czerwinski, M Lee, AC Choh, O Mbamalu, KE Remsberg, EW Demerath, B Towne, WC Chumlea, **SS Sun**, RM Siervogel: Periodontal disease and cardiovascular disease risk factors: The Fels Longitudinal Study. *Circulation* 2005, P262:<http://cir.ahajournals.org/cgi/reprint/111/14/e184>.
238. KE Remsberg, E Rogers, EW Demerath, SA Czerwinski, WC Chumlea, **SS Sun**, B Towne, RM Siervogel: Serial childhood physical activity and metabolic syndrome: the Fels Longitudinal Study. *Obesity Research* 2005, 13:A29.
239. EW Demerath, B Towne, M Lee, AC Choh, RM Siervogel, CM Schubert, WC Chumlea, A Pickoff, **SS Sun**: Visceral adiposity and left ventricular mass in healthy men and women. *Circulation* 2005, P24:<http://circ.ahajournals.org/cgi/reprint/111/14/e184>.
240. KE Remsberg, EW Demerath, SA Czerwinski, W Wu, WC Chumlea, **SS Sun**, B Towne, RM Siervogel: Young adulthood metabolic syndrome components and physical activity: The Fels Longitudinal Study. *Circulation* 2005, P83:<http://cir.ahajournals.org/cgi/reprint/111/14/e184>.
241. Chumlea WC, Schubert CM, **Sun SS**, Towne B, Demerath EW, Siervogel RM. Hydration of weight and FFM in children and effects on obesity estimates. The 2005 Cooper Institute Conference Series: Childhood Obesity: Updates and Innovations. 2005:27.
242. WC Chumlea, **S Sun**, B Towne, E Demerath, S Czerwinski, D Duran, R Siervogel: Obesity in the Elderly: Definitions, Methods and Prevalence. *Journal of Nutrition, Health and Aging*. 2006;10:62.
243. Chumlea W C, **Sun S S**, Towne B, Demerath E W, Czerwinski S A, Duren D L and Siervogel R M. Obesity in the Elderly: definitions, methods and prevalence. *The Journal of Nutrition, Health & Aging*. 2006;10:62
244. Demerath E W, Choh A C, Lee M, Czerwinski S A, Sherwood R J, Duren D L, **Sun S S**, Chumlea W C, Siervogel R M and Towne B. Accelerated growth during infancy and increased visceral adiposity in adulthood: The Fels Longitudinal Study. *Obesity*. 2006;14(Supp.):A35
245. Lee M, Remsberg K E, Wurzbacher K A, Choh A C, Demerath E W, Chumlea W C, **Sun S S**, Towne B, Siervogel R M and Czerwinski S A. Longitudinal associations between physical activity and bone mass during childhood: The Fels Longitudinal Study. *Osteoporosis International*. 2006;17(S2):S50
246. Spees V, Czerwinski S A, Duren D L, Reed D, Chumlea W C, Lee M, **Sun S S**, Towne B, Sherwood R J, Demerath E and Siervogel R M. Prediction of bone mineral density from calcaneal ultrasound in children: the Fels Longitudinal Study. *Med Sci Sports Exercise*. 2006;38(5):S532
247. Demerath E, **Sun S S**, Lee M, Rogers E, Reed D, Choh A C, Couch W P, Chumlea W C, Czerwinski S A, Siervogel R M and Towne B. Sex, race, and age differences in the topography of visceral adipose tissue. *Circulation*. 2007;115(8):e221
248. Duren D L, Blangero J, Sherwood R J, Dyer T D, Cole S A, Czerwinski S A, Chumlea W C, **Sun S S**, Demerath E, Siervogel R M and Towne B. Childhood bone strength shows genetic linkage to chromosomes 2, 4 and 12: Results from the Fels Longitudinal Study. *Bone*. 2007;40:S42-S43
249. Lee M, Czerwinski S A, Gordon C C, Dyer T D, Haack K, **Sun S S**, Chumlea W C, Choh A C, Demerath E, Towne B, Blangero J, Cole S A and Siervogel R M. A genome-wide linkage scan for aortic root diameter: The Southwest Ohio Family Study. *Circulation*. 2007;115(8):e299-e300
250. Remsberg K E, Schubert C M, **Sun S S**, Chumlea W C, Demerath E, Towne B and Siervogel R M. Childhood growth patterns and early age at menarche: The Fels Longitudinal Study. *Endocrine Society*. 2007:(In press)
251. Sun S S and Liang R. Systolic blood pressure in childhood predicts hypertension and metabolic syndrome later in life. *Joint Statistical Meetings Abstract*. 2007:338
252. Miryoung Lee, Stefan A. Czerwinski, Ruohong Liang, Audrey C. Choh, **Shumei S. Sun**, Dana L. Duren, Rihcard J. Sherwood, Ellen W. Demerath, WM. C. Chumlea, Bradford Towne, Roger S. Siervogel. Sex-specific relationship between Apolipoprotein B/Apolipoprotein AI and Metabolic Syndrome 2008-A-4275-Diabetes

Note: Name change began around October 2002/changed membership names from Guo to Sun.