

Treva Rice, Ph.D.
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1. Personal Information:

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2. Citizenship:

U.S.A.

3. Address and Telephone Numbers:

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Washington University School of Medicine
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4. Present Positions:

Research Associate Professor,
Division of Biostatistics, and Joint Appointment in Department of Psychiatry
Co-Director, Summer Institute Program to Increase Diversity (SIPID)
NHLBI-Funded training program at Washington University School of Medicine, St. Louis, MO
Washington University School of Medicine, St. Louis, MO

5. Education:

- B.S., University of Texas, Arlington, TX, 1981, Psychology
- M.A., University of Colorado, Boulder, CO, 1984, Psychology
- Ph.D., University of Colorado, Boulder, CO, 1987, Psychology & Behavior Genetics

6. Academic Positions / Employment:

- **1981-1987** Graduate Research Assistant in Department of Psychology and Institute for Behavioral Genetics (Colorado Adoption Project), University of Colorado, Boulder, CO
- **1987-1989** Research Instructor, Division of Biostatistics, Washington University School of Medicine, St. Louis, MO
- **1989-1998** Research Assistant Professor, Division of Biostatistics, Washington University School of Medicine, St. Louis, MO
- **1998-Present** Research Associate Professor, Division of Biostatistics, Washington University School of Medicine, St. Louis, MO

7. University and Hospital Appointments and Committees:
8. Medical Licensure and Board Certification:
9. Military Service:
10. Honors and Awards:

11. Editorial Responsibilities:

Editorial Board: *Journal of Nutrigenetics and Nutrigenomics*
(First Volume 1(1), 2008, published October 2007) (www.karger.com/jnn)

12. Professional Societies / Organizations:

- American Association for the Advancement of Science (AAAS)
- American College of Sports Medicine (ACSM)
- American Society of Human Genetics (ASHG)
- Behavior Genetic Association (BGA)
- International Genetic Epidemiology Society (Founding Member, IGES)
- North American Association for the Study of Obesity (NAASO)
- Academic Women's Network (AWN)
- American Heart Association (AHA)

13. Major Invited Professorships and Lectureships:

- 2003 (June) 1-week Fundamentals of Genetic Epidemiology short course
University of Porto, Porto, Portugal
- 2004 (July) 2-week Fundamentals of Genetic Epidemiology short course
Tulane University, New Orleans, LA, U.S.A.

14. Consulting Relationships and Board Memberships

2007 - Present Editorial Board: *Journal of Nutrigenetics and Nutrigenomics*
(First Volume 1(1), 2008, published October 2007) (www.karger.com/jnn)

15. Research Support:

Contact Division of Biostatistics (Nancy@wubios.wustl.edu)

16. Clinical Title and Responsibilities:

17. Teaching Title and Responsibilities:

- 1989-present Train junior faculty
- 2002-present Course Master, Fundamentals of Genetic Epidemiology (M21-515)
3-hr Graduate level course
- 2002-2005 Admissions Committee, Genetic Epidemiology Master of Science (GEMS)
- 2005-present Chair: Admissions Committee, Genetic Epidemiology Master of Science (GEMS) program
- 2007-present Admission Committee, Summer Institute Program to Increase Diversity, Cardiovascular Disease Genetic Epidemiology (SIPID-CVD GE)

18. Past and Current Mentees:

- 1990-1991 A. Nirmala, Ph.D. in Physical Anthropology by Sri Venkateswara University, Tirupati, India, Degree awarded August 1991
- 2003-2004 Amit Patki, M.S. in Genetic Epidemiology by Washington University, St. Louis, MO, Degree awarded May 2004
- 2003-2004 Jinguo Shi, M.S. in Genetic Epidemiology by Washington University, St. Louis, MO, Degree awarded November 2004
- 2006-2007 Jin Shao, M.S. in Genetic Epidemiology by Washington University, St. Louis, MO, Degree awarded August 2007
- 2006-2007 Pinchia (Anya) Huang, M.S. in Genetic Epidemiology by Washington University, St. Louis, MO, Degree awarded August 2007
- 2007-2008 Yanan Duan, M.S. in Genetic Epidemiology by Washington University, St. Louis, MO, Degree awarded August 2008
- 2007-2008 Namrata Sikka, M.S. in Genetic Epidemiology by Washington University, St. Louis, MO, Degree expected November 2008
- 2007-2009 Tanika Kelly, Ph.D. in Public Health by School of Public Health and Tropical Diseases, Tulane University, New Orleans, LA, Degree expected 2009

19. Bibliography:

a. Peer reviewed manuscripts:

1. Rice T, Plomin R and DeFries JC. Development of hand preference in the Colorado Adoption Project. *Perceptual and Motor Skills*, 58(3):683-689, 1984.
2. Rice T, Fulker DW and DeFries JC. Multivariate path analysis of specific cognitive abilities in the Colorado Adoption Project. *Behavior Genetics*, 16(1):107-125, 1986.

3. Rice T, Corley R, Fulker DW and Plomin R. The development and validation of a test battery measuring specific cognitive abilities in four-year-old children. ***Educational and Psychological Measurement***, 46:699-708, 1986.
4. Rice T. Multivariate path analysis of cognitive and environmental measures in the Colorado Adoption Project. Unpublished ***doctoral dissertation***, University of Colorado, Boulder, CO. 1987.
5. Rice T, Fulker DW, DeFries JC and Plomin R. Path analysis of IQ during infancy and early childhood and an index of the home environment in the Colorado Adoption Project. ***Intelligence***, 12:27-45, 1988.
6. Rice T, Carey G, DeFries JC and Fulker DW. Multivariate path analysis of specific cognitive abilities in the Colorado Adoption Project: Conditional path model of assortative mating. ***Behavior Genetics***, 19(2):195-207, 1989.
7. Pérusse L, Rice T, Bouchard C, Vogler GP and Rao DC. Cardiovascular risk factors in a French-Canadian population: Resolution of genetic and familial environmental effects on blood pressure by using extensive information on environmental correlates. ***American Journal of Human Genetics***, 45(2):240-251, 1989.
8. Rice T, Vogler GP, Pérusse L, Bouchard C and Rao DC. Cardiovascular risk factors in a French-Canadian population: Resolution of genetic and familial environmental effects on blood pressure using twins, adoptees and extensive information on environmental correlates. ***Genetic Epidemiology***, 6(5):571-588, 1989.
9. Vogler GP, Wette R, Laskarzewski PM, Perry TS, Rice T, Province MA and Rao DC. Heterogeneity in the biological and cultural determinants of high-density lipoprotein cholesterol in five North American populations: The Lipid Research Clinics Family Study. ***Human Heredity***, 39(5):249-257, 1989.
10. Rice T, Bouchard C, Borecki IB and Rao DC. Commingling and segregation analysis of blood pressure in a French-Canadian population. ***American Journal of Human Genetics***, 46(1):37-44, 1990.
11. Rice T, Vogler GP, Perry TS, Laskarzewski PM, Province MA and Rao DC. Heterogeneity in the familial aggregation of fasting plasma glucose in five North American populations: The Lipid Research Clinics family study. ***International Journal of Epidemiology***, 19(2):290-296, 1990.
12. Parks T, Felix K, Rice T, Subbarao PV, Marimuthu KM and Rao DC. A genetic study of immunoglobulin E and atopic disease based on families ascertained through asthmatic children. ***Human Heredity***, 40(2):69-76, 1990.
13. Rice T, Vogler GP, Perry TS, Laskarzewski PM, Province MA and Rao DC. Heterogeneity in the familial aggregation of fasting serum uric acid level in five North American populations: The Lipid Research Clinics family study. ***American Journal of Medical Genetics***, 36(2):219-225, 1990.
14. Vogler GP, Rice T, Perry TS, Laskarzewski PM and Rao DC. Familial aggregation of lipids and lipoproteins in families identified through random and nonrandom probands in the Oklahoma Lipid Research Clinics family study. ***Coronary Artery Disease***, 2:167-174, 1991.

15. Rice T, Vogler GP, Laskarzewski PM, Perry TS and Rao DC. Familial aggregation of lipids and lipoproteins in families ascertained through random and nonrandom probands in the Minnesota Lipid Research Clinics family study. **Human Biology**, 63(4):419-439, 1991.
16. Rice T, Vogler GP, Perry TS, Laskarzewski PM and Rao DC. Familial aggregation of lipids and lipoproteins in families ascertained through random and nonrandom probands in the Iowa Lipid Research Clinics family study. **Human Heredity**, 41(2):107-121, 1991.
17. Rice T, Vogler GP, Laskarzewski PM, Perry TS and Rao DC. Familial aggregation of lipids and lipoproteins in families ascertained through random and nonrandom probands in the Stanford Lipid Research Clinics family study. **American Journal of Medical Genetics**, 39(3):270-277, 1991.
18. Rice T, Province MA, Keller JB, Bouchard C, Higgins MW and Rao DC. Heterogeneity among populations for familial aggregation of blood pressure. **American Journal of Human Biology**, 3:515-523, 1991.
19. Borecki IB, Rice T, Bouchard C and Rao DC. Commingling analysis of generalized body mass and composition measures: The Quebec Family Study. **International Journal of Obesity**, 15(11):763-773, 1991.
20. Province MA, Borecki IB, Rice T and Vogler GP. Investigation of major gene and covariate effects using a new Poisson process model. **Cytogenetics and Cell Genetics**, 59(2-3):223-224, 1992.
21. Rice T, Nirmala A, Reddy PC, Ramana PV, Krishna KS and Rao DC. Familial resemblance of blood pressure with residual household environmental effects in consanguineous and nonconsanguineous families from Andhra Pradesh, India. **Human Biology**, 64(6):869-889, 1992.
22. Rice T, Laskarzewski PM and Rao DC. Commingling and complex segregation analysis of fasting plasma glucose in the Lipid Research Clinics family study. **American Journal of Medical Genetics**, 44(4):399-404, 1992.
23. Rice T, Laskarzewski PM, Perry TS and Rao DC. Commingling and segregation analysis of serum uric acid in five North American populations: The Lipid Research Clinics Family Study. **Human Genetics**, 90(1-2):133-138, 1992.
24. Rice T, Borecki IB, Bouchard C and Rao DC. Commingling analysis of regional fat distribution measures: The Quebec Family Study. **International Journal of Obesity and Related Metabolic Disorders**, 16(10):831-844, 1992.
25. Nirmala A, Rice T, Reddy PC, Krishna KS, Ramana PV and Rao DC. Commingling and segregation analysis of blood pressure in consanguineous and nonconsanguineous families from Andhra Pradesh, India. **American Journal of Human Biology**, 4:703-716, 1992.
26. Rice T, Borecki IB, Bouchard C and Rao DC. Segregation analysis of fat mass and other body composition measures derived from underwater weighing. **American Journal of Human Genetics**, 52(5):967-973, 1993.
27. Nirmala A, Mitchell LE, Rice T, Reddy PC and Rao DC. Assessment of adiposity in an Indian population: Familial Correlations. **Genetic Epidemiology**, 10(2):133-143, 1993.

28. Mitchell LE, Nirmala A, Rice T, Reddy PC and Rao DC. The impact of energy intake and energy expenditure on the familial transmission of adiposity in an Indian population. ***American Journal of Human Biology***, 5:331-339, 1993.
29. Rice T, Borecki IB, Bouchard C and Rao DC. Segregation analysis of body mass index in an unselected French-Canadian sample: The Québec Family Study. ***Obesity Research***, 1:288-294, 1993.
30. Borecki IB, Bonney GE, Rice T, Bouchard C, and Rao DC. Influence of genotype-dependent effects of covariates on the outcome of segregation analysis of the body mass index. ***American Journal of Human Genetics***, 53(3):676-687, 1993.
31. Rice T, Sprecher DL, Borecki IB, Mitchell LE, Laskarzewski PM and Rao DC. Cincinnati Myocardial Infarction and Hormone family study: Family resemblance for testosterone in random and MI families. ***American Journal of Medical Genetics***, 47(4):542-549, 1993.
32. Rice T, Sprecher DL, Borecki IB, Mitchell LE, Laskarzewski PM and Rao DC. The Cincinnati Myocardial Infarction and Hormone family study: Family resemblance for dehydroepiandrosterone sulfate in control and myocardial infarction families. ***Metabolism: Clinical and Experimental***, 42(10):1284-1290, 1993.
33. Mitchell LE, Sprecher D, Borecki IB, Rice T, Laskarzewski PM and Rao DC. Evidence for an association between dehydroepiandrosterone sulfate and non-fatal, premature myocardial infarction in males. ***Circulation***, 89:89-93, 1994.
34. Mitchell LE, Nirmala A, Rice T, Reddy PC and Rao DC. Commingling analysis of adiposity in an Indian population. ***International Journal of Obesity and Related Metabolic Disorders***, 18(1):1-8, 1994.
35. Borecki IB, Rice T, Pérusse L, Bouchard C and Rao DC. An exploratory investigation of genetic linkage with body composition and fatness phenotypes: The Québec Family Study. ***Obesity Research***, 1:213-219, 1994.
36. Rice T, Province MA, Pérusse L, Bouchard C and Rao DC. Cross-trait familial resemblance for body fat and blood pressure: Familial correlations in the Québec Family Study. ***American Journal of Human Genetics***, 55(5):1019-1029, 1994.
37. Borecki IB, Rice T, Pérusse L, Bouchard C and Rao DC. Major gene influence on the propensity to store fat in trunk versus extremity depots: Evidence from the Québec Family Study. ***Obesity Research***, 3:1-8, 1995.
38. Rice T, Bouchard C, Pérusse L and Rao DC. Familial clustering of multiple measures of adiposity and fat distribution in the Québec Family Study: A trivariate analysis of percent body fat, body mass index, and trunk-to-extremity skinfold ratio. ***International Journal of Obesity and Related Metabolic Disorders***, 19:902-908, 1995.
39. Rice T, Tremblay A, Dériaz O, Pérusse L, Rao DC and Bouchard C. Genetic pleiotropy for resting metabolic rate with fat-free mass and fat mass: The Québec Family Study. ***Obesity Research***, 4:125-131, 1996.

40. Pérusse L, Després JP, Lemieux S, Rice T, Rao DC and Bouchard C. Familial aggregation of abdominal visceral fat level: Results from the Québec Family Study. ***Metabolism: Clinical and Experimental***, 45:378-382, 1996.
41. Li Z, Rice T, Pérusse L, Bouchard C and Rao DC. Familial aggregation of subcutaneous fat patterning: Principal components of skinfolds in the Québec Family Study. ***American Journal of Human Biology***, 8:535-542, 1996.
42. Bouchard C, Rice T, Lemieux S, Després JP, Pérusse L and Rao DC. Major gene for abdominal visceral fat area in the Québec Family Study. ***International Journal of Obesity and Related Metabolic Disorders***, 20:420-427, 1996.
43. Rice T, Pérusse L, Bouchard C and Rao DC. Familial clustering of abdominal visceral fat and total fat mass: The Québec Family Study. ***Obesity Research***, 4(3):253-261, 1996.
44. Rice T, Nadeau A, Pérusse L, Bouchard C and Rao DC. Familial correlations in the Québec Family Study: Cross-trait familial resemblance for body fat with plasma glucose and insulin. ***Diabetologia***, 39:1357-1364, 1996.
45. Rice T, Tremblay A, Dériaz O, Pérusse L, Rao DC and Bouchard C. A major gene for high resting metabolic rate unassociated with body composition: Results from the Québec Family Study. ***Obesity Research***, 4(5):441-449, 1996.
46. Pérusse L, Rice T, Després JP, Bergeron J, Province MA, Gagnon J, Leon AS, Rao DC, Skinner JS, Wilmore JH and Bouchard C. Familial resemblance of plasma lipids, lipoproteins and postheparin lipoprotein and hepatic lipases in the HERITAGE Family Study. ***Arteriosclerosis, Thrombosis and Vascular Biology***, 17(11):3263-3269, 1997.
47. Gu C, Rice T, Pérusse L, Bouchard C and Rao DC. Principal components analysis of morphological measures in the Québec Family Study: Familial correlations. ***American Journal of Human Biology***, 9:725-733, 1997.
48. Rice T, Després JP, Daw EW, Gagnon J, Borecki IB, Pérusse L, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. Familial resemblance for abdominal visceral fat: The HERITAGE Family Study. ***International Journal of Obesity and Related Metabolic Disorders***, 21(11):1024-1031, 1997.
49. Pérusse L, Rice T, Després JP, Rao DC and Bouchard C. Cross-trait familial resemblance for body fat and blood lipids: Familial correlations in the Québec Family Study. ***Arteriosclerosis and Thrombosis and Vascular Biology***, 17(11):3270-3277, 1997.
50. Rice T, Daw EW, Gagnon J, Bouchard C, Leon AS, Skinner JS, Wilmore JH, and Rao DC. Familial resemblance for body composition measures: The HERITAGE Family Study. ***Obesity Research***, 5(6):557-562, 1997.
51. Rice T, Després JP, Pérusse L, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. Segregation analysis of abdominal visceral fat: The HERITAGE Family Study. ***Obesity Research***, 5(5):417-424, 1997.
52. Bouchard C, Daw EW, Rice T, Pérusse L, Gagnon J, Province MA, Leon AS, Rao DC, Skinner JS and Wilmore JH. Familial resemblance for VO₂max in the sedentary state: The

- HERITAGE Family Study. *Medicine and Science in Sports and Exercise*, 30(2):252-258, 1998.
53. Pérusse L, Chagnon YC, Rice T, Rao DC and Bouchard C. L'Épidémiologie génétique et la génétique moléculaire de l'obésité: Les enseignements de l'étude des familles de Québec. *Médecine/Sciences*, 14:914-924, 1998.
54. Borecki IB, Blangero J, Rice T, Bouchard C, and Rao DC. Evidence for at least two major loci influencing human fatness. *American Journal of Human Genetics*, 63(3): 831-38, 1998.
55. Hong Y, Rice T, Gagnon J, Després JP, Nadeau A, Pérusse L, Bouchard C, Leon AS, Skinner JS, Wilmore JH and Rao DC. Familial clustering of insulin and abdominal visceral fat: The HERITAGE Family Study. *Journal of Clinical Endocrinology and Metabolism*, 83(12):4239-4245, 1998.
56. An P, Rice T, Gagnon J, Borecki IB, Pérusse L, Leon AS, Skinner JS, Wilmore JH, Bouchard C, and Rao DC. Familial aggregation of resting blood pressure and heart rate in a sedentary population: The HERITAGE Family Study. *American Journal of Hypertension*, 12(3):264-270, 1999.
57. Bouchard C, An P, Rice T, Skinner JS, Wilmore JH, Gagnon J, Pérusse L, Leon AS, Rao DC. Familial aggregation of VO₂max response to exercise training: Results from The HERITAGE family study. *Journal of Applied Physiology*, 87(3):1003-1008, 1999.
58. Feitosa MF, Rice T, Nirmala-Reddy A, Reddy PC, and Rao DC. Segregation analysis of regional fat distribution in families from Andhra Pradesh, India. *International Journal of Obesity and Related Metabolic Disorders*, 23(8):874-880, 1999.
59. Hong Y, Rice T, Després JP, Gagnon J, Nadeau A, Bergeron J, Pérusse L, Bouchard C, Leon AS, Skinner JS, Wilmore JH and Rao DC. Evidence of a major locus for lipoprotein lipase (LPL) activity in addition to a pleiotropic locus for both LPL and fasting insulin: Results from the HERITAGE Family Study. *Atherosclerosis*, 144(2):393-401, 1999.
60. Rankinen T, Gagnon J, Pérusse L, Rice T, Leon AS, Skinner JS, Wilmore JH, Rao DC, and Bouchard C. Body fat, resting and exercise blood pressure and the angiotensinogen M235T polymorphism: The HERITAGE Family Study. *Obesity Research*, 7(5):423-430, 1999.
61. Rice T, Hong Y, Pérusse L, Després JP, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Total body fat and abdominal visceral fat response to exercise training in the HERITAGE Family Study: Evidence for major locus but no multifactorial effects. *Metabolism: Clinical and Experimental*, 48(10):1278-1286, 1999.
62. Rice T, Pérusse L, Bouchard C and Rao DC. Familial aggregation of body mass index and subcutaneous fat measures in the longitudinal Québec Family Study. *Genetic Epidemiology*, 16(3):316-334, 1999.
63. Rice T, Sjöström CD, Pérusse L, Rao DC, Sjöström L, and Bouchard C. Segregation analysis of body mass index in a large sample selected for obesity: The Swedish Obese Subjects study. *Obesity Research*, 7(3):246-255, 1999.

64. Skinner JS, Wilmore KM, Jaskólska A, Jaskólska A, Daw EW, Rice T, Gagnon J, Leon AS, Wilmore JH, Rao DC and Bouchard C. Reproducibility of maximal exercise test data in the HERITAGE Family Study. ***Medicine and Science in Sports and Exercise***, 31(11):1623-1628, 1999.
65. Wilmore JH, Després JP, Stanforth PR, Mandel S, Rice T, Gagnon J, Leon AS, Rao DC, Skinner JS and Bouchard C. Alterations in body weight and composition consequent to 20 weeks of endurance training: The HERITAGE Family Study. ***American Journal of Clinical Nutrition***, 70(3): 346-352, 1999.
66. An P, Rice T, Gagnon J, Borecki IB, Bergeron J, Després JP, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Segregation analysis of apolipoproteins A-1 and B-100 measured before and after an exercise training program: The HERITAGE Family Study. ***Arteriosclerosis, Thrombosis, and Vascular Biology***, 20(3):807-814, 2000.
67. An P, Rice T, Gagnon J, Hong Y, Leon AS, Skinner JS, Wilmore JH, Bouchard C, and Rao DC. A genetic study of dehydroepiandrosterone sulfate measured before and after a 20-week endurance exercise-training program: The HERITAGE Family Study. ***Metabolism: Clinical and Experimental***, 49(3):298-304, 2000.
68. An P, Rice T, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Cross-trait familial resemblance for resting blood pressure and body composition and fat distribution: The HERITAGE Family Study. ***American Journal of Human Biology***, 12:32-41, 2000.
69. An, P, Rice T, Pérusse L, Borecki IB, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Complex segregation analysis of blood pressure and heart rate measured before and after a 20-week endurance exercise training program: The HERITAGE Family Study. ***American Journal of Hypertension***, 13(5 Pt 1):488-497, 2000.
70. An P, Rice T, Rao DC. A review of recent genetic epidemiological studies of blood pressure. ***Cardiovascular Reviews & Reports***, 21:85-88, 2000.
71. An P, Rice T, Borecki IB, Pérusse L, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Major gene effect on subcutaneous fat distribution in a sedentary population and its response to exercise training: The HERITAGE Family Study. ***American Journal of Human Biology***, 12:600-609, 2000.
72. An P, Rice T, Gagnon J, Hong Y, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. A genetic study of Sex Hormone-Binding Globulin (SHBG) measured before and after a 20-week endurance exercise training program: The HERITAGE Family Study. ***Metabolism: Clinical and Experimental***, 49(8):1014-1020, 2000.
73. An P, Rice T, Gagnon J, Leon AS, Skinner JS, Bouchard C, Rao DC and Wilmore JH. Familial aggregation of stroke volume and cardiac output during submaximal exercise: The HERITAGE Family Study. ***International Journal of Sports Medicine***, 21(8):566-572, 2000.
74. Bouchard C, Rankinen T, Chagnon YC, Rice T, Pérusse L, Gagnon J, Borecki IB, An P, Leon AS, Skinner JS, Wilmore JH, Province MA and Rao DC. Genomic scan for maximal oxygen uptake and its response to training in The HERITAGE Family Study. ***Journal of Applied Physiology***, 88(2):551-559, 2000.

75. Chagnon YC, Borecki IB, Pérusse L, Roy S, Lacaille M, Chagnon M, Ho-Kim MA, Rice T, Province MA, Rao DC and Bouchard C. Genome-wide search for genes related to the fat free body mass in the Québec Family Study. ***Metabolism: Clinical and Experimental***, 49(2):203-207, 2000.
76. Feitosa MF, Rice T, Nirmala A, and Rao DC. Major gene effect on body mass index: The role of energy intake and energy expenditure. ***Human Biology***, 72(5):781-799, 2000.
77. Hong Y, Després JP, Rice T, Nadeau A, Province MA, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Evidence of pleiotropic loci for fasting insulin, total fat mass and abdominal visceral fat in a sedentary population: The HERITAGE Family Study. ***Obesity Research***, 8(2):151-159, 2000.
78. Hong Y, Rice T, Gagnon J, Pérusse L, Province M, Bouchard C, Leon AS, Skinner JS, Wilmore JH, Rao DC and Després JP. Familiality of triglyceride and LPL response to exercise training: The HERITAGE Family Study. ***Medicine and Science in Sports and Exercise***, 32(8):1438-1444, 2000.
79. Katzmarzyk PT, Malina RM, Pérusse L, Rice T, Province MA, Rao DC and Bouchard C. Familial resemblance in fatness and fat distribution. ***American Journal of Human Biology***, 12:395-404, 2000.
80. Katzmarzyk PT, Pérusse L, Rice T, Gagnon J, Skinner JS, Wilmore JH, Leon AS, Rao DC and Bouchard C. Familial resemblance for coronary heart disease risk: The HERITAGE Family Study. ***Ethnicity and Disease***, 10(2):138-147, 2000.
81. Katzmarzyk PT, Malina RM, Pérusse L, Rice T, Province MA, Rao DC and Bouchard C. Familial resemblance for physique: Heritabilities for somatotype components. ***Annals of Human Biology***, 27(5):467-477, 2000.
82. Leon AS, Rice T, Mandel S, Després JP, Bergeron J, Gagnon J, Rao DC, Skinner JS, Wilmore JH and Bouchard C. Blood lipid response to 20 weeks of supervised exercise in a large biracial population: The HERITAGE Family Study. ***Metabolism: Clinical and Experimental***, 49(4):513-520, 2000.
83. Pérusse L, Rice T, Province MA, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. Familial aggregation of amount and distribution of subcutaneous fat and their responses to exercise training in the HERITAGE Family Study. ***Obesity Research***, 8(2):140-150, 2000.
84. Rankinen T, Gagnon J, Pérusse L, Chagnon YC, Rice T, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. AGT M235T and ACE ID polymorphisms and exercise blood pressure in the HERITAGE Family Study. ***American Journal of Physiology-Heart and Circulatory Physiology***, 279(1):H368-H374, 2000.
85. Rankinen T, Rice T, Pérusse L, Chagnon YC, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. NOS3 Glu298Asp genotype and blood pressure response to endurance training: The HERITAGE Family Study. ***Hypertension***, 36(5):885-889, 2000.
86. Rice T, Rao R, Pérusse L, Bouchard C and Rao DC. Tracking of familial resemblance for resting blood pressure over time in the Québec Family Study. ***Human Biology***, 72(3):415-431, 2000.

87. Rice T, Rankinen T, Province MA, Chagnon YC, Pérusse L, Borecki IB, Bouchard C and Rao DC. Genome-wide linkage analysis of systolic and diastolic blood pressure: The Québec Family Study. **Circulation**, 102(16):1956-1963, 2000.
88. Stanforth PR, Gagnon J, Rice T, Bouchard C, Leon AS, Rao DC, Skinner JS and Wilmore JH. Reproducibility of resting blood pressure and heart rate measurements: The HERITAGE Family Study. **Annals of Epidemiology**, 10(5):271-277, 2000.
89. Weidner G, Rice T, Knox S, Ellison RC, Province MA, Rao DC and Higgins M. Familial resemblance in hostility: The NHLBI Family Heart Study. **Psychosomatic Medicine**, 62(2):197-204, 2000.
90. An P, Rice T, Gagnon J, Hong Y, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Race differences in the pattern of familial aggregation for dehydroepiandrosterone sulfate and its responsiveness to training in the HERITAGE Family Study. **Metabolism: Clinical and Experimental**, 50(8):916-920, 2001.
91. An P, Rosmond R, Borecki IB, Ukkola O, Rice T, Gagnon J, Rankinen T, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Genome-wide linkage scan to detect loci influencing levels of dehydroepiandrosterones in the HERITAGE Family Study. **Metabolism: Clinical and Experimental**, 50(11):1315-1322, 2001.
92. An P, Rice T, Gagnon J, Borecki IB, Rankinen T, Gu C, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Population differences in the pattern of familial aggregation for sex hormone binding globulin and its training response in the HERITAGE Family Study. **American Journal of Human Biology**, 13(6):832-837, 2001.
93. Chagnon YC, Rice T, Pérusse L, Borecki IB, Ho-Kim MA, Lacaille M, Paré C, Bouchard L, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. Genomic scan for genes affecting body composition before and after training in Caucasians from HERITAGE. **Journal of Applied Physiology**, 90(5):1777-1787, 2001.
94. Gaskill SE, Rice T, Bouchard C, Gagnon J, Rao DC, Skinner JS, Wilmore JH and Leon AS. Familial resemblance in ventilatory threshold: The HERITAGE Family Study. **Medicine and Science in Sports and Exercise**, 33(11):1832-1840, 2001.
95. Hong Y, Weisnagel SJ, Rice T, Sun G, Mandel SA, Gu C, Rankinen T, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bergman RN, Bouchard C, Rao DC. Familial resemblance for glucose and insulin metabolism indices derived from an intravenous glucose tolerance test in Blacks and Whites of the HERITAGE Family Study. **Clinical Genetics**, 60(1):22-30, 2001.
96. Hong Y, Gagnon J, Rice T, Pérusse L, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Familial resemblance for free androgens and androgen glucuronides in sedentary Black and White individuals: The HERITAGE Family Study. **Journal of Endocrinology**, 170(2):485-492, 2001.
97. Katzmarzyk PT, Pérusse L, Rice T, Rao DC, Bouchard C. Familial aggregation of seven-year changes in blood pressure in Canada. **Canadian Journal of Cardiology**, 17(12):1267-1274, 2001.
98. Pérusse L, Rice T, Chagnon YC, Després JP, Lemieux S, Roy S, Lacaille M, Ho-Kim MA, Chagnon M, Province MA, Rao DC and Bouchard C. A genome-wide scan for abdominal fat

- assessed by computed tomography in the Québec Family Study. *Diabetes*, 50(3):614-621, 2001.
99. Rankinen T, An P, Rice T, Sun G, Chagnon YC, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. Genomic scan for exercise blood pressure in the Health, Risk factor, Exercise Training and Genetics (HERITAGE) Family Study. *Hypertension*, 38(1):30-37, 2001.
100. Rivera MA, Echegaray M, Rankinen T, Pérusse L, Rice T, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. Angiogenin gene-race interaction for resting and exercise BP phenotypes: The HERITAGE Family Study. *Journal of Applied Physiology*, 90(4):1232-1238, 2001.
101. Rivera MA, Echegaray M, Rankinen T, Pérusse L, Rice T, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC and Bouchard C. TGF- β 1 gene-race interactions for resting and exercise blood pressure in the HERITAGE Family Study. *Journal of Applied Physiology*, 91(4):1808-1813, 2001.
102. Wilmore JH, Stanforth PR, Gagnon J, Rice T, Mandel S, Leon AS, Rao DC, Skinner JS and Bouchard C. Cardiac output and stroke volume changes with endurance exercise training: The HERITAGE Family Study. *Medicine and Science in Sports and Exercise*, 33(1):99-106, 2001.
103. Wilmore JH, Stanforth PR, Gagnon J, Rice T, Mandel S, Leon AS, Rao DC, Skinner JS and Bouchard C. Heart rate and blood pressure changes with of endurance training: The HERITAGE Family Study. *Medicine and Science in Sports and Exercise*, 33(1):107-116, 2001.
104. Argyropoulos G, Rankinen T, Neufeld DR, Rice T, Province MA, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. A polymorphism in the human agouti related protein is associated with late-onset obesity. *Journal of Clinical Endocrinology and Metabolism*, 87(9):4198-4202, 2002.
105. Feitosa MF, Rice T, Rosmond R, Borecki IB, An P, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. A genetic study of cortisol measured before and after endurance training: The HERITAGE Family Study. *Metabolism: Clinical and Experimental*, 51(3):360-365, 2002.
106. Feitosa MF, Gaskill SE, Rice T, Rankinen T, Bouchard C, Rao DC, Wilmore JH, Skinner JS, Leon AS. Major gene effects on exercise ventilatory threshold: The HERITAGE Family Study. *Journal of Applied Physiology*, 93(3):1000-1006, 2002.
107. Feitosa MF, Rice T, Rosmond R, Rankinen T, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Pleiotropic relationships between cortisol levels and adiposity: The HERITAGE Family Study. *Obesity Research*, 10(12):1222-1231, 2002.
108. Hunt MS, Katzmarzyk PT, Pérusse L, Rice T, Rao DC, Bouchard C. Familial resemblance of 7-year changes in body mass and adiposity. *Obesity Research*, 10(6):507-517, 2002.
109. Lanouette C-M, Chagnon YC, Rice T, Pérusse L, Muzzin P, Giacobino J-P, Gagnon J, Wilmore JH, Leon AS, Skinner JS, Rao DC, Bouchard C. Uncoupling protein 3 gene is

- associated with body composition changes with training in the HERITAGE study. *Journal of Applied Physiology*, 92(3):1111-1118, 2002.
110. Leon AS, Gaskill SE, Rice T, Bergeron J, Gagnon J, Rao DC, Skinner JS, Wilmore JH and Bouchard C. Variability in the response of HDL cholesterol to exercise training in the HERITAGE Family Study. *International Journal of Sports Medicine*, 23(1):1-9, 2002.
 111. Rankinen T, Rice T, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. G protein $\beta 3$ polymorphism and hemodynamic and body composition phenotypes in the HERITAGE Family Study. *Physiological Genomics*, 8(2):151-157, 2002.
 112. Rankinen T, An P, Pérusse L, Rice T, Chagnon YC, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. Genome-wide linkage scan for exercise stroke volume and cardiac output in the HERITAGE Family Study. *Physiological Genomics*, 10(2):57-62, 2002.
 113. Rice T, Chagnon YC, Pérusse L, Borecki IB, Ukkola O, Rankinen T, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. A genomewide linkage scan for abdominal subcutaneous and visceral fat in black and white families: The HERITAGE Family Study. *Diabetes*, 51(3):848-855, 2002.
 114. Rice T, Després JP, Pérusse L, Hong Y, Province MA, Bergeron J, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C and Rao DC. Familial aggregation of blood lipid response to exercise training in the health, risk factors, exercise training, and genetics (HERITAGE) Family Study. *Circulation*, 105(16):1904-1908, 2002.
 115. Rice T, An P, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C, and Rao DC. Heritability of HR and BP response to exercise training in the HERITAGE Family Study. *Medicine and Science in Sports and Exercise*, 34(6):972-979, 2002.
 116. Rice T, Chagnon YC, Borecki IB, Pérusse L, Collier G, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Familial resemblance for plasma leptin: Sample homogeneity across adiposity and ethnic groups. *Obesity Research*, 10(5):351-360, 2002.
 117. Rice T, Rankinen T, Chagnon YC, Province MA, Pérusse L, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Genomewide linkage scan of resting blood pressure: HERITAGE Family Study. *Hypertension*, 39(6):1037-1043, 2002.
 118. Simonen RL, Pérusse L, Rankinen T, Rice T, Rao DC, Bouchard C. Familial aggregation of physical activity levels in the Québec Family Study. *Medicine and Science in Sport and Exercise*, 34(7):1137-1142, 2002.
 119. An P, Hong Y, Weisnagel SJ, Rice T, Rankinen T, Leon AS, Skinner JS, Wilmore JH, Chagnon YC, Bergman RN, Bouchard C, Rao DC. Genomic scan of glucose and insulin metabolism phenotypes: The HERITAGE Family Study. *Metabolism*, 52(2):246-253, 2003.
 120. Argyropoulos G, Rankinen T, Bai F, Rice T, Province MA, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. The agouti-related protein and body fatness in humans. *International Journal of Obesity*, 27(2):276-280, 2003.

121. Bossé Y, Pérusse L, Després JP, Lamarche B, Chagnon YC, Rice T, Rao DC, Bouchard C, Vohl MC. Evidence for a major quantitative trait locus on chromosome 17q21 affecting low-density lipoprotein peak particle diameter. *Circulation*, 107(18):2361-2368, 2003.
122. Bossé Y, Vohl M-C, Després J-P, Larmarche B, Rice T, Rao DC, Bouchard C, Pérusse L. Heritability of LDL peak particle diameter in the Quebec Family Study. *Genetic Epidemiology-Supplement*, 25(4):375-381, 2003.
123. Lakka TA, Rankinen T, Weisnagel SJ, Chagnon YC, Rice T, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. A quantitative trait locus on 7q31 for the changes in plasma insulin in response to exercise training: The HERITAGE Family Study. *Diabetes*, 52(6):1583-1587, 2003.
124. Loos RJF, Katzmarzyk PT, Rankinen T, Rice T, Leon AS, Wilmore JH, Skinner JS, Rao DC, Bouchard C. Genome-wide linkage scan for the metabolic syndrome in the HERITAGE Family Study. *Journal of Clinical Endocrinology and Metabolism*, 88(12):5935-5943, 2003.
125. Province MA, Rice TK, Borecki IB, Gu C, Kraja A, Rao DC. Multivariate and multilocus variance components method, based on structural relationships to assess quantitative trait linkage via SEGPATH. *Genetic Epidemiology*, 24(2): 128-138, 2003.
126. Rankinen T, Rice T, Boudreau A, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. Titin is a candidate gene for stroke volume response to endurance training: The HERITAGE Family Study. *Physiological Genomics*, 15(1):27-33, 2003.
127. Simonen RL, Rankinen T, Pérusse L, Rice T, Rao DC, Chagnon YC, Bouchard C. Quebec Family Study: Genome-wide linkage scan for physical activity levels in the Québec Family Study. *Medicine and Science in Sports and Exercise*, 35(8):1355-1359, 2003.
128. Ukkola O, Rankinen T, Rice T, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. Interactions among the β 2- and β 3-adrenergic receptor genes and total body fat and abdominal fat level in the HERITAGE Family Study. *International Journal of Obesity and Related Metabolic Disorders*, 27(3):389-393, 2003.
129. Avery CL, Freedman BI, Heiss G, Kraja A, Rice T, Arnett D, Miller MB, Pankow JS, Lewis CE, Myers RH, Hunt SC, Almasy L, North KE. Linkage analysis of diabetes status among hypertensive families: The HyperGEN. *Diabetes*, 53(12): 3307-3362, 2004.
130. Bossé Y, Chagnon YC, Després J-P, Rice T, Rao DC, Bouchard C, Pérusse L, Vohl M-C. Genome-wide linkage scan reveals multiple susceptibility loci influencing lipid and lipoprotein levels in the Québec Family Study. *Journal of Lipid Research* 45(3):419-426, 2004.
131. Bossé Y, Chagnon YC, Després JP, Rice T, Rao DC, Bouchard C, Pérusse L, Vohl MC. Compendium of genome-wide scans of lipid-related phenotypes: Adding a new genome-wide search for apolipoprotein levels. *Journal of Lipid Research* 45(12):2174-2184, 2004.
132. Bouchard L, Drapeau V, Provencher V, Lemieux S, Chagnon YC, Rice T, Rao DC, Vohl M-C, Tremblay A, Bouchard C, Pérusse L. Neuromedin β : A strong candidate gene linking eating behavior and susceptibility to obesity. *American Journal of Clinical Nutrition*, 80(6):1478-1486, 2004.

133. Collaku A, Rankinen T, Rice T, Leon AS, Rao DC, Skinner JS, Wilmore JH, Bouchard C. A genome-wide linkage scan for dietary energy and energy nutrient intakes: The Health, Risk Factors, Exercise Training, and Genetics (HERITAGE) Family Study. **American Journal of Clinical Nutrition**, 79(5):881-886, 2004.
134. Koivukoski L, Fisher SA, Kanninen T, Lewis CM, von Wowern F, Hunt S, Kardia SL, Levy D, Perola M, Rankinen T, Rao DC, Rice T, Thiel BA, Melander O. Meta-analysis of genome-wide scans for hypertension and blood pressure in Caucasians shows evidence of susceptibility regions on chromosomes 2 and 3. **Human Molecular Genetics** 13(19):2325-2332, 2004.
135. Lakka TA, Rankinen T, Weisnagel SJ, Chagnon YC, Lakka HM, Ukkola O, Boule N, Rice T, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bergman R, Bouchard C. Leptin and leptin receptor gene polymorphisms and changes in glucose homeostasis in response to regular exercise in nondiabetic individuals: The HERITAGE Family Study. **Diabetes** 53(6):1603-1608, 2004.
136. Rico Sanz J, Rankinen T, Rice T, Leon AS, Skinner JS, Wilmore JH, Rao DC, Bouchard C. Quantitative trait loci for maximal exercise capacity phenotypes and their responses to training in the HERITAGE Family Study. **Physiological Genomics** 16(2):256-260, 2004.
137. Sklan EH, Lowenthal A, Korner M, Ritov Y, Landers DM, Rankinen T, Bouchard C, Leon AS, Rice T, Rao DC, Wilmore JH, Skinner JS, Soreq H. Acetylcholinesterase/ paraoxonase genotype and expression predict anxiety scores in Health, Risk Factors, Exercise Training, and Genetics study. **Proceedings of the National Academy of Sciences of the United States of America** 101(15):5512-5517, 2004.
138. An P, Teran-Garcia M, Rice T, Rankinen T, Weisnagel SJ, Bergman RN, Boston RC, Mandel S, Stefanovski D, Leon AS, Skinner JS, Rao CD, Bouchard C. Genome-wide linkage scans for prediabetes phenotypes in response to 20 weeks of endurance exercise training in non-diabetic Whites and Blacks: The HERITAGE Family Study. **Diabetologia** 48(6):1142-1149, 2005.
139. Bosse Y, Feitosa MF, Després JP, Lamarche B, Rice T, Rao DC, Bouchard C, Pérusse L, Vohl MC. Detection of a major gene effect for LDL peak particle diameter and association with apolipoprotein H gene haplotype. **Atherosclerosis** 182(2):231-239, 2005.
140. Feitosa MF, Borecki IB, Rankinen T, Rice T, Després J-P, Chagnon YC, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Province MA, Rao DC. Evidence of QTLs on chromosomes 1q42 and 8q24 for LDL-cholesterol and ApoB levels in the HERITAGE Family Study. **Journal of Lipid Research** 46(2): 281-286, 2005.
141. Feitosa MF, Rice T, Rankinen T, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC, Common genetic and environmental effects on lipid phenotypes: The HERITAGE Family Study. **Human Heredity** 59(1):34-40, 2005.
142. Feitosa MF, Rice T, Rankinen T, Province MA, Chagnon YC, Gagnon J, Leon AS, Skinner JS, Wilmore JH, Després J-P, Bouchard C, Rao DC, Borecki IB. Evidence of QTLs on chromosomes 13q and 14q for triglycerides before and after 20 weeks of exercise training: The HERITAGE Family Study. **Atherosclerosis** 182(2):349-360, 2005.

143. Hamvas A, Wegner DJ, Trusgnich MA, Madden K, Heins H, Liu Y, Rice T, An P, Watkins-Torry J, Cole FS. Genetic variant characterization in intron 4 of the surfactant protein B gene. *Human Mutation* 26(5):494-495, 2005.
144. Loos RJ, Rankinen T, Rice T, Rao Dc, Leon AS, Skinner JS, Bouchard C, Argyropoulos G. Two ethnic-specific polymorphisms in the human Agouti-related protein gene are associated with macronutrient intake. *American Journal of Clinical Nutrition* 82(5):1097-1101, 2005.
145. Provencher V, Perusse L, Bouchard L, Drapeau V, Bouchard C, Rice T, Rao DC, Tremblay A, Despres JP, Lemieux S. Familial resemblance in eating behaviors in men and women from the Quebec Family Study. *Obesity Research* 13(9):1624-1629, 2005.
146. Teran-Garcia M, Santoro N, Rankinen T, Bergeron J, Rice T, Leon AS, Rao DC, Skinner JS, Bergman RN, Després JP, Bouchard C. HERITAGE Family Study: Hepatic lipase gene variant -514C>T is associated with lipoprotein and insulin sensitivity response to regular exercise: The HERITAGE Family Study. *Diabetes* 54(7):2251-2255, 2005.
147. An P, Rice T, Rankinen T, Leon AS, Skinner JS, Wilmore JH, Bouchard C, Rao DC. Genome-wide scan to identify quantitative trait loci for baseline resting heart rate and its response to endurance training: The HERITAGE Family Study. *International Journal of Sports Medicine* 27(1):31-36, 2006.
148. Feitosa MF, Rice T, North KE, Kraja A, Rankinen T, Leon AS, Skinner JS, Blangero J, Bouchard C, Rao DC. Pleiotropic QTL on chromosome 19q13 for triglycerides and adiposity: The HERITAGE Family Study *Atherosclerosis* 185(2):426-432, 2006.
149. Feitosa ME, Rice T, Borecki IB, Rankinen T, Leon AS, Skinner JS, Despres JP, Blangero J, Bouchard C, Rao DC. Pleiotropic QTL on chromosome 12q23-q24 influences triglyceride and high-density lipoprotein cholesterol levels: The HERITAGE Family Study. *Human Biology* 78(3):317-327, 2006.
150. Lakka HM, Lakka TA, Rankinen T, Rice T, Rao DC, Leon AS, Skinner JS, Bouchard C. The TNF-alpha G-308A polymorphism is associated with C-reactive protein levels: The HERITAGE Family Study. *Vascular Pharmacology* 44(5):377-383, 2006.
151. Lakka TA, Rankinen T, Rice T, Leon AS, Rao DC, Skinner JS, Bouchard C. Quantitative trait locus on chromosome 20q13 for plasma levels of C-reactive protein in healthy whites: The HERITAGE Family Study. *Physiological Genomics* 27(2):103-107, 2006.
152. Rice T, Cooper RS, Wu X, Bouchard C, Rankinen T, Rao DC, Jaquish CE, Fabsitz RR, Province MA. Meta-analysis of genome-wide scans for blood pressure in African American and Nigerian samples: The National Heart, Lung, and Blood Institute GeneLink Project. *American Journal of Hypertension* 19(3):270-274, 2006.
153. Bosse Y, Despres JP, Chagnon YC, Rice T, Rao DC, Bouchard C, Perusse L, Vohl MC. Quantitative trait locus on 15q for a metabolic syndrome variable derived from factor analysis. *Obesity* 15(3):544-550, 2007.
154. Greenwood TA, Libiger O, Kardia S, Hanis C, Morrison AC, Gu CC, Rice T, Miller M, Turner ST, Myers RH, Grove J, Hsiao CF, Weder AB, Schork NJ. Comprehensive linkage and linkage heterogeneity analysis of 4344 sibling pairs affected with hypertension from the Family Blood Pressure Program. *Genetic Epidemiology* 31(3):195-210, 2007.

155. Gu D, Rice T, Wang S, Yang W, Gu C, Chen CS, Hixson JE, Jaquish CE, Yao ZJ, Liu DP, Rao DC, He J. Heritability of blood pressure response to dietary sodium and potassium intake in a Chinese population. *Hypertension* 50(1):116-122, 2007.
156. Rankinen T, Teran-Garcia M, Rice T, Rao DC, Bouchard C. Endurance training alleviates PRKCQ genotype-related metabolic abnormalities: The HERITAGE Family Study. *Medicine & Science in Sports & Exercise* 39(5 Suppl):S14, 2007.
157. Rankinen T, Church T, Rice T, Markward N, Leon AS, Rao DC, Skinner JS, Blair SN, Bouchard D. Effect of endothelin 1 genotype on blood pressure is dependent on physical activity or fitness levels. *Hypertension* 50(6):1120-1125, 2007.
158. Rankinen T, Church TS, Rice T, Bouchard C. Cardiorespiratory fitness, BMI, and risk of hypertension: The HYPGENE study. *Medicine & Science in Sports & Exercise* 39(10):1687-1692, 2007.
159. Spielmann N, Leon AS, Rao DC, Rice T, Skinner JS, Bouchard C, Rankinen T. CETP genotypes and HDL-cholesterol phenotypes in the HERITAGE Family Study. *Physiological Genomics* 31(1):25-31, 2007.
160. Spielmann N, Leon AS, Rao DC, Rice T, Skinner JS, Rankinen T, Bouchard C. Genome-wide linkage scan for submaximal exercise heart rate in the HERITAGE Family Study. *American Journal of Physiology – Heart & Circulatory Physiology* 293(6):H3366-H3371, 2007.
161. Teran-Garcia M, Rankinen T, Rice T, Leon AS, Rao DC, Skinner JS, Bouchard C. Variations in the four and a half LIM domains 1 gene (FHL1) are associated with fasting insulin and insulin sensitivity responses to regular exercise. *Diabetologia* 50(9):1858-1866, 2007.
162. The GenSalt Collaborative Research Group. GenSalt: Rationale, design, methods and baseline characteristics of study participants. *Journal of Human Hypertension* 21(8):639-646, 2007.
163. Wu J, Province MA, Coon H, Hunt SC, Eckfeldt JH, Arnett DK, Heiss G, Lewis CE, Ellison RC, Rao DC, Rice T, Kraja AT. An investigation of the effects of lipid-lowering medications: Genome-wide linkage analysis of lipids in the HyperGEN study. *BMC Genetics* 8:60, 2007.

b. Invited publications (reviews, book chapters, etc):

164. Rao DC, Province MA, Borecki IB, Rice T and Todorov A. Modelling genetic determinants of obesity in population and family studies. In Angel A, Anderson H, Bouchard C, Lau D, Leiter L, Mendelson R (eds.) *Progress in Obesity Research*. Libbey & Co Ltd, London, U.K., pp. 295-303, 1996.
165. Bouchard C, Pérusse L, Rice T and Rao DC. The genetics of human obesity. In: Bouchard C, Bray G and James P (eds.) *Handbook of Obesity*. Dekker, NY, pp.157-190, 1997.

166. Rao DC and Rice T. Path analysis in genetics. In Armitage P and Colton T (eds.) ***Encyclopedia of Biostatistics***. Wiley & Sons Ltd., Sussex, U.K. Vol. 4, pp. 3285-3297, 1998.
167. Rice TK and Borecki IB. Familial resemblance and heritability. ***Advances in Genetics***, 42:35-44, 2001.
168. Rao DC and Rice T. Path analysis in genetics. In Elston RC, Olson J, and Palmer L (eds) ***Encyclopedia of Human Genetics and Genetic Epidemiology***. Wiley & Sons, NY, pp 606-619, 2002.
169. Rice T, Pérusse L and Bouchard C. Genetics of energy and nutrient intake. In St. Jeor ST and Feldman EB (eds.) ***Handbook of Nutrition and Foods***. CRC Press, Boca Raton, pp 603-609, 2002.
170. Rao DC and Rice T. Path analysis in genetic epidemiology. In: Cooper DN (ed.) ***Encyclopedia of the Human Genome***, Nature Publishing Group: London, UK, 2002. See online (<http://www.ehgonline.net>).
171. Bouchard C, Pérusse L, Rice T and Rao DC. The genetics of human obesity. In Bouchard C and Bray G (eds.) ***Handbook of Obesity, 2nd Edition***. Dekker, NY, 2003.
172. Rice T. Commingling and segregation analyses. In Clément K and Sørensen TIA (eds.) ***Obesity: Genomics and Postgenomics***. Informa Healthcare USA Inc, NY, pp 59-76, 2008.
173. Rice TK. Familial resemblance and heritability. In Rao D.C. (ed.) ***Advances in Genetics***, 60:35-49, 2008.
174. Rice TK, Schork NJ and Rao DC. Methods for Handling Multiple Testing. In Rao D.C. (ed.) ***Advances in Genetics***, 60, 293-308, 2008.