

CURRICULUM VITAE

Sarah Williams-Blangero, Ph.D.

Institutional Affiliation

Department of Genetics

Texas Biomedical Research Institute (formerly Southwest Foundation for Biomedical Research)

P.O. Box 760549

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and

Southwest National Primate Research Center

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<u>Education</u>	<u>Degree</u>	<u>Date</u>	<u>Major Field of Study</u>
Case Western Reserve University Cleveland, Ohio	B.A.	May, 1984	Anthropology
Case Western Reserve University	M.A.	May, 1984	Biological Anthropology
Case Western Reserve University	Ph.D.	May, 1987	Biological Anthropology

Areas of Research Interest: Genetic Epidemiology, Infectious Diseases, Genetic Management, Nonhuman Primate Genetics

Employment

4/13 – present Deputy Director, Southwest National Primate Research Center

7/99 – present Chair, Department of Genetics, Texas Biomedical Research Institute (formerly Southwest Foundation for Biomedical Research), San Antonio, Texas.

7/12 – 3/13 Interim Deputy Director, Southwest National Primate Research Center

12/96 -present Scientist, Department of Genetics, Texas Biomedical Research Institute (formerly Southwest Foundation for Biomedical Research), San Antonio, TX.

12/93 - 12/96 Associate Scientist, Department of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX.

7/90 - 12/93 Assistant Scientist, Department of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX.

7/87 - 6/90 Postdoctoral Scientist, Department of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX.

1/88 - 5/88 Lecturer, Division of Behavioral and Cultural Sciences, College of Social and Behavioral Sciences, University of Texas, San Antonio, TX.

Honors

- 2001 Elected Fellow of the American Association for the Advancement of Science for contributions to anthropological genetics and health, for dedication to advancing biological anthropology, and for developing one of the premier research groups in the field.
- 1989 - 1992 NIH National Research Service Award (F32 RR05035)
- 1989 Sigma Xi
- 1986 Juan Comas Prize for Outstanding Student Paper presented at the 55th Annual Meeting of the American Association of Physical Anthropologists
- 1985 - 1986 Graduate Research Assistantship in Anthropology, Case Western Reserve University
- 1985 Graduate Alumni Research Award, Case Western Reserve University
- 1984 B.A. magna cum laude, with Honors in Anthropology
- 1984 Phi Beta Kappa
- 1983 - 1984 James Dysart Magee Fellowship for Outstanding Student in the Social Sciences, Case Western Reserve University.

Professional Organizations

American Society of Tropical Medicine and Hygiene
American Association of Physical Anthropologists
American Association for the Advancement of Science, Fellow

Professional Activities

Current:

Member, Editorial Board, *International Journal of Human Genetics*, 2000-present

Past:

Member, Program Committee, American Society of Primatologists, 1990-1994.

Member, Editorial Board, *Human Biology*, 1991-1992.

Associate Editor, *American Journal of Physical Anthropology*, 1992-1996.

Book Review Editor, *Human Biology*, 1992-1998.

Member, Nominations and Elections Committee, Human Biology Council, 1993-1995.

Member, Selection Committee for the *Gabriel W. Lasker Award*, 1995.

Member, American Society of Primatologists Research and Development Committee, 1995-1996

Member, American Dermatoglyphics Association Financial Review Committee, 1996.

Chair, Local Arrangements Committee, 9th International Congress on Genes, Gene Families, and Isozymes, 1995-1997.

Member, Publications and Registration Committee, 9th International Congress on Genes, Gene Families, and Isozymes, 1995-1997.

Member, Executive Committee, 9th International Congress on Genes, Gene Families, and Isozymes, 1995-1997.

Member, Executive Committee, American Association of Physical Anthropologists, 1997-2000

Secretary/Treasurer, American Association of Anthropological Genetics, 1993-2000

Chair, Local Arrangements Committee for the American Association of Physical Anthropologists Meeting in 2000
Member, Editorial Board, *International Journal of Primatology*, 1995-2000
Member, Editorial Board, *Human Biology* 1998-2003.
Member, Editorial Board, *Journal of Medical Primatology*, 1995-2000
Member, Council, International Association of Human Biologists, 2001-2003
Member, Board, Southwest Foundation for Biomedical Research Founder's Council, 2000-2004, Vice President 2002-2003.
Member, Program Committee, American Association of Physical Anthropologists, 2004-2005.
Member, Advisory Board, UCLA Vervet Monkey Research Colony, 2004-2007
Member, International Executive Committee of the 14th International Congress on Genes, Gene Families, and Isozymes, 2006-2007
Editor, *Human Biology* 2003-2008
Member, NIH National Advisory Research Resources Council's Working Group for the Chimpanzee Management Plan (ChiMP) 2004 - 2006
Member, Advisory Board, South Texas Psychiatric Genetics Research Center, 2004-2010
Member, Advisory Board, Caribbean Primate Research Center, University of Puerto Rico, 2000-2010

NIH Grant Review Committees

Member, NIH National Center for Research Resources Initial Review Group--Comparative Medicine Review Committee, 1996-2000
Member, Special Emphasis Panel, National Institute of Allergy and Infectious Disease, ZAI1 AWA-M(M1), January 12, 2004.
Member, Special Emphasis Panel, National Library of Medicine and Fogarty International Center, ZLM2 HS-F(M3), February 2-3, 2004.
Member, Special Emphasis Panel, National Institute for Mental Health, ZMH2 BRB(P05), March 15-17, 2004.
Ad hoc Member, Microbiology and Infectious Diseases Research Committee, Microbiology, Infectious Diseases, and AIDS Initial Review Group, MID, March 23-25, 2005.
Ad hoc Member, Special Emphasis Panel, Clinical Research and Field Studies Committee, ZRG1 CRFS-C, June 9, 2006.
Member, Clinical Research and Field Studies Committee, ZRG1 CRFS-C, 2008-2011
Ad hoc Member, Clinical Research and Field Studies Committee, CRFS, June, 2012

National Policy Committees

Member, Institute of Laboratory Animal Resources Committee to Revise the *Guide for the Care and Use of Laboratory Animals*, 1993-1996.
Member, Institute of Laboratory Animal Resources (ILAR) Committee on the Long-term Care of Chimpanzees in Biomedical and Behavioral Research, 1996-1997.

Institutional Service:

Current:

Member, Texas Biomed Advisory Council (formerly SFBR Advisory Council), 2006-present

Member, Texas Biomed Policy Committee (formerly SFBR Policy Committee), 2007-present

Member, Human Resources Advisory Committee, 2008-present

Member, Chimpanzee Advisory Committee, Southwest National Primate Research Center, 2005
– present

Chair, SNPRC Director's Advisory Committee, Southwest National Primate Research Center,
2010 – 2012

Coordinator, SNPRC Senior Management Team, 2012 – Present

Chair, SNPRC Research Advisory Committee, 2013 - Present

Member, SNPRC Chimpanzee Research Advisory Committee

Member, SNPRC Baboon Research Advisory Committee

Member, SNPRC Marmoset Research Advisory Committee

Member, SNPRC Macaque Research Advisory Committee

Past:

Member, Southwest Foundation for Biomedical Research Computer Advisory Committee, 1990-
1993.

Member, Southwest Foundation for Biomedical Research Primate Facility Planning
Committee, 1994-1995.

Animal Database Task Force, 1995-1998.

Coordinator, Department of Genetics Annual Report, 1995-1999.

Member, Chair (1994-1999), Southwest Foundation for Biomedical Research Environmental
Enhancement Committee, 1993-2000.

Member, Southwest Foundation for Biomedical Research Chimpanzee Utilization
Committee, 1993-2000

President's Council, Southwest Foundation for Biomedical Research, 1999-2006

Scientific Advisory Council, Southwest Foundation for Biomedical Research, 1999-2006.

Manuscript and Grant Review

Reviewer of manuscripts for: *American Anthropologist, Human Biology, American Journal of Human Genetics, American Journal of Physical Anthropology, American Journal of Human Biology, Annals of Human Biology, American Journal of Primatology, American Journal of Tropical Medicine and Hygiene, Child Development, Current Anthropology, Emerging Infectious Diseases, Genetic Epidemiology, Journal of Experimental Zoology, Journal of Infectious Disease, Journal of Medical Primatology, International Journal of Primatology, Lancet, Social Science and Medicine, and Zoo Biology.*

Reviewer of grants for: National Science Foundation, Anthropology
 International Science Foundation
 National Institutes of Health

Dissertation

Patterns of Marital Exchange and Phenotypic Differentiation in the Jirels of Nepal. Ph.D. Dissertation, Case Western Reserve University, 1987. Ann Arbor, MI: University Microfilms International. #8722251.

Books

Sidky H, J Subedi, J Hamill, and **S Williams-Blangero**, eds. (2002) *Halfway to the Mountain: The Jirels of Eastern Nepal*. Kathmandu: Center for Nepal and Asian Studies, Tribhuvan University Press, 429 pages.

VandeBerg JL, **S Williams-Blangero**, and S Tardif, eds. (2009) *The Baboon in Biomedical Research*. New York: Kluwer.

Publications

1. **Williams-Blangero S** and J Blangero (1989) Anthropometric variation and the genetic structure of the Jirels of Nepal. *Hum Biol* 61:1-12.
2. **Williams-Blangero S** (1989) Clan-structured migration and phenotypic differentiation in the Jirels of Nepal. *Hum Biol* 61:143-157.
3. **Williams-Blangero S** (1989) Phenotypic consequences of non-random migration in the Jirels of Nepal. *Am J Phys Anthropol* 80:115-126.
4. **Williams-Blangero S** (1990) Population structure of the Jirels: Patterns of mate choice. *Am J Phys Anthropol* 82:61-72.
5. **Williams-Blangero S** and J Blangero (1990) Effects of population structure on within-group phenotypic variation in the Jirels of Nepal. *Hum Biol* 62:131-146.
6. **Williams-Blangero S**, J Blangero, and B Towne (1990) Quantitative traits and population structure: Introduction. *Hum Biol* 62:1-4.
7. **Williams-Blangero S**, JL VandeBerg, J Blangero, L Konigsberg, and B Dyke (1990) Genetic differentiation between baboon subspecies: Relevance for biomedical research. *Am J Primatol* 20:67-81.
8. Dyke B, **S Williams-Blangero**, TD Dyer, and JL VandeBerg (1990) Uses of isozymes in genetic management of nonhuman primate colonies. In: *Isozymes: Structure, Function, and Use in Biology and Medicine*, Z-I Ogita and CL Markert, eds. Alan R. Liss, New York, pp. 563-574.
9. VandeBerg JL, **S Williams-Blangero**, CM Moore, M-L Cheng, and CR Abee (1990) Genetic relationships among three squirrel monkey types: Implications for taxonomy, biomedical research, and captive breeding. *Am J Primatol* 22:101-111.
10. **Williams-Blangero S** and DL Rainwater (1991) Variation in Lp(a) levels and apo(a) isoform frequencies in five baboon subspecies. *Hum Biol* 63:65-76.
11. **Williams-Blangero S** and J Blangero (1991) Skin color variation in Eastern Nepal. *Am J Phys Anthropol* 85:281-292.

12. **Williams-Blangero S** (1991) Recent trends in genetic research on captive and wild nonhuman primate populations. *Yearbook of Phys Anthropol* 34:69-96.
13. Blangero J, **S Williams-Blangero**, CM Kammerer, B Towne, and LW Konigsberg (1991) Multivariate genetic analysis of nevus measurements and melanoma. *Cytogenet Cell Genet* 59:179-181.
14. **Williams-Blangero S** and J Blangero (1992) Quantitative genetic analysis of skin reflectance: A multivariate approach. *Hum Biol* 64:35-49.
15. **Williams-Blangero S**, JW Eichberg, and B Dyke (1992) The genetic demography of a chimpanzee colony. *Am J Primatol* 27:73-83.
16. Blangero J, **S Williams-Blangero**, and JE Hixson (1992) Assessing the effects of candidate genes on quantitative traits in primate populations. *Am J Primatol* 27:119-132.
17. VandeBerg JL, ES Robinson, and **S Williams-Blangero** (1992) A new animal model (*Monodelphis domestica*) for genetic research on skin and eye cancers. *Brazilian J Genetics* 15(S1):301-304.
18. Van Oorschoot RAH, **S Williams-Blangero**, and JL VandeBerg (1992) Genetic diversity of laboratory gray short-tailed opossums (*Monodelphis domestica*): Effects of newly introduced wild caught animals. *Lab Anim Sci* 42:255-260.
19. **Williams-Blangero S** and B Dyke (1992) Genetic management of a chimpanzee colony. In: J Erwin and JC Landon, eds., *Chimpanzee Conservation and Public Health: Environments for the Future*. Rockville, MD: Diagon/Bioqual, pp. 127-136.
20. Mitchell BD, **S Williams-Blangero**, R Chakraborty, R Valdez, HP Hazuda, SM Haffner, and MP Stern (1993) A comparison of three methods for assessing Amerindian admixture in Mexican Americans. *Ethnicity and Disease* 3:22-31.
21. Mahaney MC, **S Williams-Blangero**, J Blangero, and MM Leland (1993) Quantitative genetics of organ weight variation in baboons. *Hum Biol* 65:991-1003.
22. **Williams-Blangero S**, K Brasky, T Butler, and B Dyke (1993) Genetic analysis of hematological traits in chimpanzees (*Pan troglodytes*). *Hum Biol* 65:1013-1024.
23. **Williams-Blangero S** and J Blangero (1993) Genetic epidemiological methods in anthropological research. *Hum Biol* 65:871-874.
24. Blangero J, **S Williams-Blangero**, and MC Mahaney (1993) Multivariate genetic analysis of Apo AI concentration and HDL subfractions: Evidence for major locus pleiotropy. *Genet Epidemiol* 10:617-622.
25. **Williams-Blangero S**, J Blangero, and CM Beall (1993) Genetic analysis of chest dimensions in a high altitude Tibetan population from Upper Chumik, Nepal. *Am J Hum Biol* 5:719-724.
26. **Williams-Blangero S** (1993) Research-oriented genetic management of nonhuman primate colonies. *Lab Anim Sci* 43:535-540.
27. Mahaney MC, MM Leland, **S Williams-Blangero**, and Y Marinez (1993) Cross-sectional growth standards for captive baboons: I. Organ weight by chronological age. *J Med Primatol* 22:400-414.
28. Mahaney MC, MM Leland, **S Williams-Blangero**, and Y Marinez (1993) Cross-sectional growth standards for captive baboons: II. Organ weight by body weight. *J Med Primatol* 22:415-428.

29. **Williams-Blangero S**, J Blangero, ES Robinson, BN Adhikari, RP Upreti, and S Pyakurel (1993) Helminthic infections in Jiri, Nepal: Analysis of age and ethnic group effects. *J Inst Med* 15:210-216.
30. VandeBerg JL, **S Williams-Blangero**, G Hubbard, and ES Robinson (1994) Susceptibility to ultraviolet-induced corneal tumors is highly heritable in the laboratory opossum (*Monodelphis domestica*). *Int J Cancer* 56:119-123.
31. VandeBerg JL, **S Williams-Blangero**, GB Hubbard, R Ley, and ES Robinson (1994) Genetic analysis of ultraviolet radiation-induced skin hyperplasias and neoplasias in a laboratory marsupial model (*Monodelphis domestica*). *Arch Dermatol Res* 286:12-17.
32. **Williams-Blangero S**, T Butler, K Brasky, and KK Murthy (1994) Heritabilities of clinical chemical traits in chimpanzees. *Lab Anim Sci* 44:141-143.
33. **Williams-Blangero S**, A Perelygin, P Samollow, and K Brasky (1994) Paternity resolution using simple protein polymorphisms in chimpanzees. *Lab Primate Newsletter* 33(4):5-7.
34. Beall CM, J Blangero, **S Williams-Blangero**, and MC Goldstein (1994) A major gene for %O₂ saturation of arterial hemoglobin in Tibetan highlanders. *Am J Phys Anthropol* 95:271-276.
35. **Williams-Blangero S** and J Blangero (1995) Heritability of age at first birth in captive olive baboons. *Am J Primatol* 37:233-239.
36. Dyke B, TB Gage, PL Alford, RB Swenson, and **S Williams-Blangero** (1995) A model life table for captive chimpanzees. *Am J Primatol* 37:25-37.
37. **Williams-Blangero S**, S Subedi, and K Khadka (1995) Indigenous healers and treatment of helminthic infection in the Jirel population of Eastern Nepal. *Nepali Political Science and Politics*, 4:24-31.
38. **Williams-Blangero S**, J Blangero, and J Subedi (1996) A role for genetic epidemiology in the development of international health care programs for soil transmitted helminthiases. In: J Subedi and E Gallagher, eds., *Society, Health, and Disease: Transcultural Perspectives*. New York: Prentice-Hall, pp. 302-315.
39. **Williams-Blangero S**, J Blangero, KK Murthy, and RE Lanford (1996) Genetic analysis of serum ALT levels in normal and hepatitis C virus-infected chimpanzees: An application of research-oriented genetic management. *Lab Anim Sci* 46:26-30.
40. VandeBerg JL and **S Williams-Blangero** (1996) Strategies for using nonhuman primates in genetic research on multifactorial diseases. *Lab Anim Sci* 46:146-151.
41. Dyke B, **S Williams-Blangero**, PM Mamelka, and WJ Goodwin (1996) Future costs of chimpanzees in US research institutions. *ILAR Journal* 37:193-198.
42. Brent L, **S Williams-Blangero**, and A Stone (1996) Evaluation of the chimpanzee breeding program at the Southwest Foundation for Biomedical Research. *Lab Anim Sci*, 46:405-409.
43. Blangero J, **S Williams-Blangero**, MC Mahaney, AG Comuzzie, JE Hixson, PB Samollow, RM Sharp, MP Stern, and JW MacCluer (1996) Effects of a major gene for apolipoprotein A-I concentration are thyroid hormone dependent in Mexican Americans. *Arterio Thromb Vasc Biol* 16:1177-1183.

44. **Williams-Blangero S**, J Blangero, and M Bradley (1997) Quantitative genetic analysis of susceptibility to hookworm infection in a population from rural Zimbabwe. *Human Biology* 69:201-208.
45. Jaquish CE, T Dyer, **S Williams-Blangero**, B Dyke, M Leland, and J Blangero (1997) Genetics of adult body weight and maintenance of adult body weight in captive baboons (*Papio spp.*). *Am J Primatol* 42:281-288.
46. Beall CM, KP Strohl, J Blangero, **S Williams-Blangero**, MJ Decker, GM Brittenham, and MC Goldstein (1997) Quantitative genetic analysis of arterial oxygen saturation in Tibetan highlanders. *Human Biology* 69:597-604.
47. VandeBerg JL and **S Williams-Blangero** (1997) Advantages and limitations of nonhuman primates as animal models in genetic research on complex diseases. *J Med Primatol* 26:113-119.
48. Duggirala R, JT Williams, **S Williams-Blangero**, and J Blangero (1997) A variance component approach to dichotomous trait linkage analysis using a threshold model. *Genetic Epidemiol* 14:987-992.
49. **Williams-Blangero S**, JL VandeBerg, J Blangero, and ARL Teixeira (1997) Genetic epidemiology of seropositivity for *Trypanosoma cruzi* infection in rural Goiás, Brazil. *Amer J Trop Med Hyg* 57:538-543.
50. Beall CM, KP Strohl, J Blangero, **S Williams-Blangero**, LA Almas, MJ Decker, CM Worthman, MC Goldstein, E Vargas, M Villena, R Soria, AM Alarcon, and C Gonzales (1997) Ventilation and hypoxic ventilatory response of Tibetan and Aymara highland natives. *Am J Phys Anthropol* 104:427-448.
51. **Williams-Blangero S**, J Subedi, RP Upadhyay, DB Manral, K Khadka, S Jirel, ES Robinson, and J Blangero (1998) Attitudes towards helminthic infection in the Jirel population of Eastern Nepal. *Social Science and Medicine* 47(3):371-379.
52. Beall CM, GM Brittenham, KP Strohl, J Blangero, **S Williams-Blangero**, MC Goldstein, MJ Decker, E Vargas, M Villena, R Soria, AM Alarcon, and C Gonzales (1998) Hemoglobin concentration of high-altitude Tibetans and Bolivian Aymara. *Am J Phys Anthropol* 106:385-400.
53. Beall CM, J Blangero, **S Williams-Blangero**, MC Goldstein, GM Brittenham, KP Strohl, E Vargas, M Villena, R Soria, AM Alarcon, and C Gonzales (1999) Percent oxygen saturation of arterial hemoglobin of Bolivian Aymara at 3900-4000m. *Am J Phys Anthropol* 108:41-51.
54. **Williams-Blangero S**, JL VandeBerg, and ARL Teixeira (1999) Attitudes towards Chagas' disease in an endemic Brazilian community. *Cadernos de Saúde Pública (Reports in Public Health)* 15(1):7-13.
55. VandeBerg JL, **S Williams-Blangero**, and TL Wolfle (1999) US laws and norms related to laboratory animals. *ILAR Journal*, 40:34-37.
56. **Williams-Blangero S**, J Subedi, RP Upadhyay, DB Manral, DH Rai, B Jha, ES Robinson, and J Blangero (1999) Genetic analysis of susceptibility to infection with *Ascaris lumbricoides*. *Am J Trop Med and Hyg*, 60:921-926.
57. Subedi J, S Subedi, H Sidky, R Singh, J Blangero, and **S Williams-Blangero** (2000) Health and health care in Jiri. *Contrib Nepal Studies* Jan 2000:97-104

58. Subedi J, H Sidky, J Hamill, R Singh, J Blangero, and **S Williams-Blangero** (2000) Jirels, Jiri, and politics. *Contrib Nepal Studies* Jan 2000:117-126.
59. Tausig MB, S Subedi, J Subedi, C Broughton, R Singh, J Blangero, and **S Williams-Blangero** (2000) Mental illness in Jiri Nepal: An exploratory study. *Contrib Nepal Studies* Jan 2000:105-115.
60. Sidky H, J Hamill, J Subedi, R Spielbauer, R Singh, J Blangero, and **S Williams-Blangero** (2000) Social Organization, economy and kinship among the Jirels of eastern Nepal. *Contrib Nepal Studies* Jan 2000:5-22.
61. Sidky H, R Spielbauer, J Hamill, J Subedi, R Singh, J Blangero, and **S Williams-Blangero** (2000) Jirel religion: A preliminary look at the rites and rituals of the Jirels of Eastern Nepal. *Contrib Nepal Studies* Jan 2000:23-37.
62. Sidky H, J Subedi, R Spielbauer, J Hamill, R Singh, J Blangero, and **S Williams-Blangero** (2000) Phombos: A look at traditional healers among the Jirels of Eastern Nepal. *Contrib Nepal Studies* Jan 2000:39-52.
63. Hamill J, H Sidky, J Subedi, R Spielbauer, R Singh, J Blangero, and **S Williams-Blangero** (2000) Some sociocultural consequences of transportation development in the Jiri Valley. *Contrib Nepal Studies* Jan 2000:89-95.
64. Hamill J, H Sidky, R Spielbauer, J Subedi, R Singh, J Blangero, and **S Williams-Blangero** (2000) A brief report of some Jirel vocabulary. *Contrib Nepal Studies* Jan 2000:79-88.
65. Hamill J, H Sidky, J Subedi, R Spielbauer, R Singh, **S Williams-Blangero**, and J Blangero (2000) Preliminary ethno-semantics of the Avifauna vocabulary in Jirel. *Contrib Nepal Studies* Jan 2000:53-77.
66. VandeBerg JL, **S Williams-Blangero**, B Dyke, and J Rogers (2000) Examining priorities for a primate genome project (Letter). *Science* 290(5496):1504-1505.
67. Bethony J, JT Williams, H Kloos, J Blangero, L Alves-Fraga, G Buck, A Michalek, **S Williams-Blangero**, PT LoVerde, R Corrêa-Oliveira, and A Gazzinelli (2001) Exposure to *Schistosoma mansoni* infection in a rural area in Brazil. II: Household factors. *Trop Med Intl Hlth* 6:136-145.
68. **Williams-Blangero S** and JL VandeBerg (2001) Guidelines regulating the care and use of captive chimpanzees in the United States. In: L Brent (ed) *Care and Management of Chimpanzees*. Am Soc Primatol, San Antonio, TX. Pp. 277-287.
69. Bethony J, AMS Silveira, LF Alves-Oliveira, **S Williams-Blangero**, J Blangero, G Gazzinelli, R Corrêa-Oliveira, and PT LoVerde (2001) Genetic epidemiology of fecal egg excretion during *S. mansoni* infection in an endemic area in Minas Gerais, Brazil. *Memórias do Instituto Oswaldo Cruz* 96:49-55.
70. Bethony J, L Almasy, J Blangero, JT Williams, and **S Williams-Blangero** (2001) Genetic analysis of quantitative traits in highly ascertained samples: Total serum IgE in families with asthma. *Genetic Epidemiology* 21:S174-S190.
71. **Williams-Blangero S**, JL VandeBerg, and B Dyke (2002) Genetic management of nonhuman primates. *J Med Primatol*, 31:1-7.

72. **Williams-Blangero S** and J Blangero (2002) Human host susceptibility to intestinal worm infections. In: C Holland and M Kennedy (eds), *World Class Parasites, Volume 2. Geohelminths: Ascaris, Trichuris, and Hookworm*. Kluwer, New York. Pp 167-184.
73. **Williams-Blangero S**, ST McGarvey, J Subedi, PM Wiest, RP Upadhayay, DR Rai, B Jha, GR Olds, S Zhong, G Wu, and J Blangero (2002) A genetic component to susceptibility to *Trichuris trichiura*: Evidence from two Asian populations. *Genetic Epidemiol.* 22:254-264.
74. **Williams-Blangero S**, JL VandeBerg, J Subedi, MJ Aivaliotis, DR Rai, RP Upadhayay, B Jha, and J Blangero (2002) Genes on chromosomes 1 and 13 have significant effects on *Ascaris* infection. *Proc Natl Acad Sci* 99:5533-5538.
75. Bethony J, JT Williams, J Blangero, H Kloos, A Gazzinelli, L Alves-Fraga, B Soares-Filho, L Coelho, L Alves-Fraga, **S Williams-Blangero**, PT LoVerde, and R Corrêa-Oliveira (2002) Additive host genetic factors influence fecal egg excretion rates during *Schistosoma mansoni* infection in a rural area in Brazil. *Am J Trop Med Hyg* 67:336-343.
76. **Williams-Blangero S**, B Towne, J Subedi, and J Blangero (2002) Genetic studies of the Jirels: From population genetics to genetic epidemiology. In: *Halfway to the Mountain: The Jirels of Eastern Nepal*. H Sidky, J Subedi, J Hamill, and S Williams-Blangero (eds) Kathmandu: Tribhuvan University Press, pp. 170-187.
77. **Williams-Blangero S**, JL VandeBerg, J Blangero, and R Corrêa-Oliveira (2003) Genetic epidemiology of *Trypanosoma cruzi* infection and Chagas= disease. *Frontiers in Bioscience* 8:e337-e345.
78. **Williams-Blangero S**, JL VandeBerg, and J Blangero (2003) Genetic epidemiology of parasitic diseases. In: *The Changing Face of Disease: Implications for Society*, N Mascie-Taylor, J Peters, and S McGarvey (eds) Cambridge, Cambridge University. Pp 67-84.
79. VandeBerg JL and **S Williams-Blangero** (2003) Nonhuman primates in genetic research on common diseases. In: *International Perspectives: The Future of Nonhuman Primate Resources*. National Academies Press, Washington, D.C. Pp 107-113.
80. **Williams-Blangero S** and JL VandeBerg (2003) Genetic considerations in captive management and research. In: *International Perspectives: The Future of Nonhuman Primate Resources*. National Academies Press, Washington, D.C. Pp 114-121.
81. Anderson JD, **S Williams-Blangero**, and TJC Anderson (2003) Spurious genotypes resulting from contamination with male DNA in a nematode. *J Parasitol* 89:1232-1234.
82. Tausig M, S Subedi, CL Broughton, J Subedi, and **S Williams-Blangero** (2003) Measuring community mental health in developing societies: Evaluation of a checklist format in Nepal. *Intl J Soc Psychiatry* 49:269-286.
83. Kunwar C, B Subba, R Chapagain, B Jha, J Subedi, J Blangero, **S Williams-Blangero**, and B Towne (2004) A human case of *Hymenolepis diminuta* infection in Nepal. *Journal of the Institute of Medicine (Nepal)*, 26:29-30.

84. Kunwar C, M Shrestha, B Subba, B Jha, J Subedi, J Blangero, **S Williams-Blangero**, and B Towne (2004) Intestinal parasitic infections among very young children in a rural community in Eastern Nepal. *Journal of the Nepal Association for Medical Laboratory Sciences* 6:11-13.
85. Subedi S, M Tausig, J Subedi, CL Broughton, and **S Williams-Blangero** (2004) Mental illness and disability among elders in developing countries: The case of Nepal. *J Aging Health* 16:71-87.
86. Tausig M, S Subedi, J Subedi, C Broughton, and **S Williams-Blangero** (2004) Psychological disease burden in Nepal and its relationship to physical health problems. *Soc Behavior Personality* 32:419-428.
87. **Williams-Blangero S**, R Corrêa-Oliveira, JL VandeBerg, J Subedi, B Jha, and J Blangero (2004) Genetic determinants of plasma cytokine variation in a parasitized population. *Human Biology* 76:515-525.
88. **Williams-Blangero S** (2004) Editorial: The human genome project and advances in anthropological genetics. *Hum Biol* 76:801-804.
89. Howard BV, RB Devereux, S Cole, M Davidson, B Dyke, SOW Ebbesen, SE Epstein, DR Robinson, B Jarvis, DJ Kaufman, S Laston, JW MacCluer, PM Okin, MJ Roman, T Romenesko, G Ruotolo, M Swenson, CR Wenger, **S Williams-Blangero**, J Zhu, C Saccheus, RR Fabsitz, and DC Robbins (2005) The genetics of coronary artery disease in Alaska Natives (GOCADAN) Study: Design and Methods. *Int J Circumpolar Hlth* 64:206-221.
90. Cardosa GM, MJF Morato, JAS Gomes, MOC Rocha, IP Bonfim, **S Williams-Blangero**, JL VandeBerg, MG Reis, EFL Magalhães, and R Côrrea-Oliveira (2006) Comparative analysis of cell phenotypes in different severe clinical forms of Chagas' disease. *Frontiers in Bioscience* 11:1158-1163.
91. **Williams-Blangero S** and J Blangero (2006) Collection of pedigree data for genetic analysis in isolate populations. *Human Biology* 78:89-101.
92. Anderson TJC and **S Williams-Blangero** (2006) Genetics of susceptibility to *Ascaris* infection in man. In: P Webster and SM Thamsborg (eds), *Proceedings of the 2005 Abildgaard Symposium: Helminth infections in animals and man: Population dynamics, host susceptibility, and immuno-modulatory effects*. Danish Centre for Experimental Parasitology, Frederiksberg, Denmark. Pp 5-12.
93. Blangero J, JT Williams, LA Almasy, and **S Williams-Blangero** (2007) Mapping genes influencing human quantitative trait variation. In: MH Crawford (ed), *Current Methods and Theories in Anthropological Genetics*, Cambridge University Press, Cambridge. Pp. 306-333.
94. Araújo FF, JAS Gomes, MOC Rocha, **S Williams-Blangero**, VM Pinheiro, MJF Morato, and R Correa-Oliveira (2007) Potential role of CD4⁺CD25^{HIGH} T cells in morbidity in Chagas disease. *Frontiers in Bioscience* 12:2797-2806.
95. Criscione CD, JD Anderson, K Raby, D Sudimack, J Subedi J, DR Rai, RP Upadhayay, B Jha, **S Williams-Blangero**, and TJC Anderson (2007) Microsatellite markers for the human nematode parasite *Ascaris lumbricoides*: Development and assessment of utility. *Am J Parasitol* 93:704-708.

96. **Williams-Blangero S**, T Magalhaes, E Rainwater, J Blangero, R Correa-Oliveira, and JL VandeBerg (2007) ECG characteristics in a population with high rates of seropositivity for *Trypanosoma cruzi* infection. *Am J Trop Med Hyg* 77:495-499.
97. Velasquez-Melendez G, F Parra, A Gazzinelli, **S Williams-Blangero**, and R Correa-Oliveira (2007) Genetic determinants of risk factors for cardiovascular disease in a population from rural Brazil. *Human Biology* 79:179-190.
98. Williams KD, J Blangero, CR Cottom, S Lawrence, J Subedi, B Jha, **S Williams-Blangero**, B Towne (2007) Heritability of brachydactyly type A3 in an endogamous population from eastern Nepal. *Human Biology* 79:609-622.
99. Criscione CD, Anderson JD, Sudimack D, Weidong P, Romero-Abal, ME, Jha B, **Williams-Blangero S**, and Anderson TJC (2007) Disentangling hybridization and host colonization in parasitic roundworms of humans and pigs. *Proc Royal Soc, B.* 93:704-708.
100. **Williams-Blangero S**, JL VandeBerg, J Subedi, B Jha, and J Blangero (2008) Localization of multiple quantitative trait loci influencing susceptibility to infection with *Ascaris lumbricoides*. *J Infec Dis* 197:66-71.
101. Saranga S, L Nhantumbo, A Prista, G Beunen, J Rocha, **S Williams-Blangero**, and J Maia (2008) Heritabilities of somatotype components in a population from rural Mozambique. *Am J Human Biology* 20:642-646.
102. **Williams-Blangero S**, JL VandeBerg, J Subedi, B Jha, and J Blangero (2008) Two quantitative trait loci influence susceptibility to whipworm (*Trichuris trichiura*) infection in a Nepalese population. *Journal of Infectious Diseases* 197:1198-1203.
103. VandeBerg JL and **S Williams-Blangero** (2010) The laboratory opossum. In: R. Hubrecht and J Kirkwood, eds. *The UFAW Handbook on The Care and Management of Laboratory and Other Research Animals*, 8th edn., Ames, IA: Wiley Blackwell, Pp. 246-261.
104. Criscione CD, Anderson JD, Sudimack D, Subedi J, Upadhayay RP, Jha B, Williams KD, **Williams-Blangero S**, and Anderson TJ (2010) Landscape genetics reveals focal transmission of a human macroparasite. *PLoS Negl Trop Dis* 4:e665.
105. **Williams-Blangero S**, JL VandeBerg, J Blangero, and R Correa-Oliveira. Genetic epidemiology of Chagas disease (2011) *Advances in Parasitology* 75:147-167.
106. Pinkerton, RC, Oriá RB, Kent JW Jr., Kohli A, Abreu C, Bushen O, Lima AA, Blangero J, **Williams-Blangero S**, and Guerrant RL (2011) Evidence for genetic susceptibility to developing early childhood diarrhea among shantytown children living in northeastern Brazil. *Am J Trop Med Hyg* 85:893-896.
107. **Williams-Blangero S**, C Criscione, JL VandeBerg JL, R Corrêa-Oliveira, KD Williams J Subedi, JW Kent Jr., J Williams, and J Blangero J (2012) Host genetics and population structure effects on parasitic disease. *Philosophical Transactions of the Royal Society B* 367:887-894.
108. Williams KD, RW Nahas, CR Cottom, S Lawrence, J Subedi, B Jha, S Czerwinski, J Blangero, **S Williams-Blangero**, and B Towne (2012) Evaluation of qualitative methods for phenotyping brachymesophalanga-V from radiographs of children. *Am J Hum Biol* 24:68-73.

109. Diego VP, JE Curran, J Charlesworth, JM Peralta, VS Voruganti, SA Cole, TD Dyer, MP Johnson, EK Moses, HH Goring, JT Williams, AG Comuzzie, L Almasy, J Blangero, and **S Williams-Blangero** (2012) Systems genetics of the nuclear factor- κ B signal transduction network: I. Detection of several quantitative trait loci potentially relevant to aging. *Mech Aging Dev* 133:11-19.
110. Kent JW Jr., J Charlesworth, VP Diego, HHH Göring, JE Curran, MP Johnson, TD Dyer, SA Cole, JBM Jowett, MC Mahaney, L Almasy, JW MacCluer, EK Moses, J Blangero, and **S Williams-Blangero** (2012) Genotype x age interaction in human transcriptional ageing. *Mech Aging Dev* 133:581-590.
111. Szabo CA, K Knape, MM Leland, D Cwikla, **S Williams-Blangero**, and JT Williams (2012) Epidemiology and characterization of seizures in a pedigreed baboon colony. *Comparative Medicine* 62:535-538.
112. **Williams-Blangero S**, MH Fenstad, S Kumar, and J Blangero (2013) Genetics of human host susceptibility to ascariasis. In: *Ascaris: The Neglected Parasite*, C. Holland (ed.) Elsevier Press, London. Pp 316-340.
113. Williams KD, Blangero J, Subedi J, Jha B, Dyer T, VandeBerg JL, Towne B, and **Williams-Blangero S**. (2013) Non-syndromic brachydactyly type D and type E mapped to 7p15 in healthy children and adults from the Jirel ethnic group in eastern Nepal. *Amer J Hum Biol* 25:743-750.
114. Blackburn A, Almeida M, Dean A, Curran JE, Johnson MP, Moses EK, Abraham LJ, Carless MA, Dyer T, Kumar S, Almasy L, Mahaney MC, Comuzzie A, **Williams-Blangero S**, Blangero J, Lehman DM, and Göring HHH. Effect of copy number variable regions on local gene expression in white blood cells of Mexican Americans. Submitted.
115. Bellis C, Kulkarni H, Mamtani M, Kent JW, Wong G, Weir JM, Barlo CK, Diego V, Almeida M, Dyer TD, Göring HHH, Almasy L, Mahaney MC, Comuzzie AG, **Williams-Blangero S**, Meikle PJ, Blangero J, Curran JE. Human plasma lipidome is pleiotropically associated with cardiovascular risk factors and death. Submitted.

Symposia Organized

1989 S Williams-Blangero, B Towne, and J Blangero

Quantitative Traits and Population Structure. Organized for the 55th Annual Meeting of the American Association of Physical Anthropologists, April, 1989, San Diego, California. Published abstract. Symposium papers published as a special issue of *Human Biology*, Volume 62, Number 1, 1990.

1990 S Williams-Blangero and B Dyke

Genetic Research on Nonhuman Primates: Issues in Biology and Management. Organized for the 13th Annual Meeting of the American Society of Primatologists, July 1990, Davis, California. Published abstract. Symposium papers published as a special issue of *American Journal of Primatology*, Volume 27, Number 2, 1992.

- 1992 J Blangero and S Williams-Blangero
Genetic Epidemiological Methods in Anthropological Research. Organized for the 61st Annual Meeting of the American Association of Physical Anthropologists, April, 1992, Las Vegas, Nevada. Symposium papers published as a special issue of *Human Biology*, Volume 65, Number 6, 1993.
- 1994 M Crawford and S Williams-Blangero
Current Developments in Anthropological Genetics. Organized for the 1st Annual Meeting of the American Association of Anthropological Genetics, March 1994, Denver, Colorado.
- 1994 J Blangero and S Williams-Blangero
Genetic Determinants of Normal Physiological Variation. Invited Symposium, 63rd Annual Meeting of the Human Biology Council, April 1994, Denver, Colorado.
- 2004 J Blangero and S Williams-Blangero
QTL (Quantitative Trait Loci) Mapping in Biological Anthropology. Annual Meeting of the American Association of Physical Anthropologists, April 2004, Tampa, Florida.

Workshops Organized

- 1995 American Association of Anthropological Genetics, 2nd Annual Workshop: Genetic Epidemiology.

Invited Presentations at Academic and Research Institutions and Meetings

- 1985 The assessment of genetic structure using skin color variation. Department of Anthropology, Tribhuvan University, Kathmandu, Nepal.
- 1991 Genetic management of a chimpanzee colony. Chimpanzee Conservation and Public Health: Environments for the Future, Diagon Corporation, Rockville, MD.
- 1991 Strategies for the genetic management of chimpanzee colonies. Understanding Chimpanzees: Diversity and Survival, Chicago Academy of Sciences, Chicago, IL.
- 1992 Population structure of the Jirels, a tribal group of eastern Nepal. Department of Anthropology, University of Kansas, Lawrence, KS.
- 1992 Population structure of the Jirels, a tribal group of eastern Nepal. Department of Anthropology, University of Tennessee, Knoxville, TN.
- 1992 Nonhuman primate genetics. Department of Anthropology, University of Tennessee, Knoxville, TN.
- 1993 Genetic research on chimpanzees: Addressing the interdependent needs of biomedical research and colony management. Yerkes Regional Primate Research Center, Emory University, Atlanta, GA.
- 1993 Genetics of chimpanzees: Addressing the needs of colony management and biomedical research. The Coulston Foundation, Alamogordo, NM.
- 1994 Applying anthropology in the management of captive nonhuman primate colonies. Department of Anthropology, Case Western Reserve University, Cleveland, OH.
- 1994 Genetic epidemiology of infectious disease susceptibility: Applications to hepatitis and helminthic infections. Case Western Reserve University, Cleveland, OH.

- 1994 Applying anthropology to the management of captive nonhuman primate colonies. Department of Anthropology, University of Utah, Salt Lake City, UT.
- 1994 Genetic management of chimpanzees in biomedical research. Annual Meeting of the NIH Chimpanzee Breeding and Research Program Management Committee, San Antonio, TX.
- 1994 Genetic management of nonhuman primates in the research environment. CENARGEN, Brasilia, Brazil.
- 1995 Adventures in population genetics. Faculty Seminar Series, Southwest Foundation for Biomedical Research, San Antonio, TX.
- 1995 Genetic epidemiology of helminthic infections. Beijing Tropical Medicine Research Institute, Beijing Medical University, Beijing, China.
- 1995 Genetic epidemiology of helminthic infections. National Medical University of Mongolia, Ulaanbaator, Mongolia.
- 1996 Genetic epidemiological approaches to infectious disease. National Institutes of Health, Centers for Tropical Disease Research, 5th Annual Meeting, Washington, D.C.
- 1996 Population management and the *Guide for the Care and Use of Laboratory Animals*. National Animal Welfare Workshop, Denver, Colorado.
- 1997 Genetic epidemiological approaches to infectious disease. Department of Biology, Trinity University, San Antonio, Texas.
- 1997 Genetic epidemiology and parasitic diseases. Department of Community, Environmental, and Occupational Medicine, Ains Shams University, Cairo, Egypt.
- 1997 Genetic epidemiological approaches to infectious disease. 20th International Ains Shams Medical Conference. Cairo, Egypt.
- 1998 Genetic epidemiology and infectious disease. University of Brasilia, Brasilia, Brazil.
- 1998 Family-based human genetic studies: Database requirements and informatics. Third Annual Meeting of the Egyptian Hypertension Society, Port Said, Egypt.
- 1999 Genetic epidemiology of infectious disease. Department of Veterinary Pathobiology, Texas A&M University, College Station, Texas.
- 1999 Genetic epidemiology of infectious disease. 10th International Congress on Genes, Gene Families, and Isozymes, Beijing, China.
- 1999 Genetic epidemiology of intestinal helminth infections. 48th Annual Meeting of the American Society of Tropical Medicine of Hygiene, Washington, D.C.
- 2000 Genetic epidemiology of infectious diseases. Federal University of Ceara, Fortaleza, Brazil
- 2000 Genetic epidemiology of Chagas disease in rural Brazil. XXVII Annual Meeting on Basic Research in Chagas Disease. Caxambu, Minas Gerais, Brazil.
- 2001 Genetic epidemiology of infectious disease. Department of Medicine, University of Texas at San Antonio, San Antonio, TX.
- 2001 Genetic epidemiology of infectious disease. Department of Geographic Medicine, University of Texas Medical Branch, Galveston, TX.
- 2001 Genetic epidemiological approaches in infectious disease research. Centro de Pesquisas, Rene Rachou, FIOCRUZ, Belo Horizonte, Brazil.
- 2001 Genetic epidemiology of helminthic infections in a Nepalese population. Centro de Pesquisas, Rene Rachou, FIOCRUZ, Belo Horizonte, Brazil.

- 2001 Genetic epidemiology of helminthic infections in Jiri, Nepal. HEMOCE, Federal University of Ceara, Fortaleza, Brazil.
- 2002 Genetics of susceptibility to *Ascaris* infection. University of Virginia, Charlottesville, Virginia.
- 2002 Potential for genetic studies of susceptibility to diarrheal disease in Gonçalves Dias, Brazil. Brazilian Tropical Medicine Research Centers Meeting, Natal, Brazil.
- 2002 Genetic epidemiology of intestinal helminth infections in the Jirel population of eastern Nepal. NIH US-Japan Conference on Parasitic Diseases, Nagasaki, Japan.
- 2002 Genetic considerations in captive management and research. Institute of Laboratory Animal Research Workshop, Washington, D.C.
- 2002 Genetic epidemiology of infectious disease. Federal University of Rio Grande do Norte, Natal, Brazil.
- 2003 Genetic epidemiology of infectious disease. Center for Disease Ecology, Emory University, Atlanta, Georgia.
- 2003 Genetic research at the Southwest Foundation for Biomedical Research. Biological Anthropology Section, University of the Republic, Montevideo, Uruguay.
- 2003 Genetic epidemiology of helminthic infections in the Jirels of eastern Nepal. Department of Pediatrics, University of Texas Health Science Center, San Antonio, Texas.
- 2004 Growth and development in rural Mozambique: A multidisciplinary approach. Centro de Investigaçao em Saude de Manhiça, Manhiça, Mozambique.
- 2005 Genetic epidemiological studies of extended human pedigrees. Centro de Pesquisas Rene Rachou, FIOCRUZ, Belo Horizonte, Brazil.
- 2005 Genetic epidemiology of Chagas' disease. XXXII Annual Meeting on Basic Research in Chagas' Disease, Caxambu, Brazil.
- 2005 Genetic determinants of susceptibility to helminthic infections. Curso Pre-Congress "Uso de Metodología Post-Genómica en la Búsqueda de Oligogenes y QTLs para la Diabetes y Aterosclerosis." Facultad de Medicina, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico.
- 2005 Study design in human genetic research. Curso Pre-Congress "Uso de Metodología Post-Genómica en la Búsqueda de Oligogenes y QTLs para la Diabetes y Aterosclerosis." Facultad de Medicina, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico.
- 2008 Genetics of Susceptibility to Infectious Disease. International Symposium "Genetics Revisited: The Genomics and Proteomics Advantage," at the XXXIII Annual Conference of the Indian Society of Human Genetics. Visakhapatnam, India.
- 2008 The Genetics of Susceptibility to Parasitic Disease. Society for the Study of Human Biology, Oxford, England.
- 2009 Genetics of Susceptibility to Parasitic Diseases. Armed Forces Research Institute for Medical Sciences (AFRIMS), Bangkok, Thailand.
- 2010 Genetic Epidemiology of Parasitic Diseases, Case Western Reserve University School of Medicine, Cleveland, Ohio.
- 2010 Genes Influence Seropositivity for *T. cruzi* infection and EKG Measures of Chagas Disease Progression, Brazilian Society of Protozoology, Foz de Iguacu, Brazil.
- 2011 Genetic Epidemiology of Chagas Disease, Federal University of Ceara, Fortaleza, Brazil.

- 2011 Genetic Epidemiology of Chagas Disease, Tropical Medicine Research Center, Salvador, Bahia, Brazil.
- 2011 Host Genetics and Population Structure Effects on Parasitic Disease, Royal Society, London, England.
- 2011 Family Studies and Genetics of Aging, Institute for Population and Social Research, Mahidol University, Bangkok, Thailand.
- 2013 Genetic epidemiology of Chagas disease, 59th Brazil Genetics Meeting, Agua Lindoias, SP, Brazil

<u>Grant</u>	<u>Total Costs</u>	<u>Dates</u>
<u>Current Grant Support:</u>		
Genetics Determinants of Human Transcriptional Aging (<u>S Williams-Blangero, P.I.</u>); NIH R01 AG031277. 25% effort	\$2,786,299	02/15/08 - 01/31/14
Genetics of Ocular Health and Disease (<u>S Williams-Blangero, Co-P.I., Matt Johnson, Co-P.I.</u>); NIH	\$4,003,099	06/01/14 – 05/31/19
<u>Past Grant Support:</u>		
Maximizing Primate Colony Production: Genetic Management (<u>S Williams-Blangero, PI</u>); NIH F32 RR05035	\$ 77,627	1989-1992
Genetics of Oxygen Transport in High Altitude Natives (CM Beall, PI, <u>S Williams-Blangero,</u> Co-PI); NSF SBR92-21724	\$ 51,684	1993-1996 (SFBR portion)
Genetic Management of Chimpanzees in Biomedical Research (<u>S Williams-Blangero, PI</u>); NIH R29 RR08122. 50% Effort.	\$ 350,000	10/01/92 - plus indirect 09/30/97
Genetics of Susceptibility to Helminthic Infection (<u>S Williams-Blangero, PI</u>); NIH RO1 AI37091. 30% Effort	\$1,147,847	08/01/95 - 07/31/98
Genetics of Susceptibility to <i>T. cruzi</i> Infection (<u>S Williams-Blangero, PI</u>); NIH RO1 AI40598. 30% Effort	\$ 559,281	09/30/97 - 09/29/00
A Genome Scan for Susceptibility to Helminthic Infection (<u>S Williams-Blangero, P.I.</u>); NIH R21 AI44406-01A1. 30% Effort	\$ 531,195	09/01/99 - 08/31/00
Genetic Management of Chimpanzees in Biomedical Research (<u>S Williams-Blangero, PI</u>); NIH RO1 RR08122. 20% Effort	\$1,559,025	09/30/97 - 09/29/03
A Genome Scan for Susceptibility to Helminthic Infection (<u>S Williams-Blangero, P.I.</u>); NIH R01 AI44406. 30% Effort.	\$2,171,192	08/01/00 - 07/31/05
Host Genetic Correlates in Schistosomiasis (P Loverde, PI, <u>S Williams-Blangero,</u> PI, SFBR Subcontract); NIH U01 AI45451 10% Effort	\$ 229,082	09/15/99 - 09/14/05
Genetics of Susceptibility to Helminthic Infection (<u>S Williams-Blangero, P.I.</u>); NIH R01 AI37091. 25% Effort	\$3,332,034	07/01/01 - 06/31/07

Genetic Architecture of Heart Disease in Rural Brazil (<u>S Williams-Blangero</u> , P.I.); NIH R01 HL66480. 25% Effort.	\$2,927,973	07/01/01 - 06/31/07
Genetic and Environmental Influences on Growth (B. Towne, PI, <u>S Williams-Blangero</u> , P.I. SFBR Subcontract); NIH R01 HD40377. 10% Effort	\$ 547,135	03/01/02 - 02/28/08
Mapping Genes for Neurocognitive Phenotypes (S. Santangelo, P.I., <u>S Williams-Blangero</u> , P.I. SFBR Subcontract); NIH R01 MH68498, 10% effort	\$ 402,458	05/01/04 - 04/30/09
A Genome Scan for Susceptibility to Helminthic Infection (<u>S Williams-Blangero</u> , P.I.); NIH R01 AI44406. 30% Effort.	\$3,169,504	07/01/05 - 06/30/11
Genetic Architecture of the Human Dentognathic Complex (R Sherwood PI, <u>S Williams-Blangero</u> , PI of Subcontract) R01 DE018497-01A2. 15% Effort	\$1,524,949 (Subcontract costs)	09/30/09 - 08/31/14
Genetic Determinants of the Progression and Epidemiology of Chagas Disease (<u>S Williams-Blangero</u> , PI) R01. 22.5% Effort	\$3,819,954	09/30/09 - 08/31/14
<u>Private Funding</u>		
Genetics of Susceptibility to Infectious Disease Founder's Council, Southwest Foundation for Biomedical Research	\$ 3,000	1995
Infectious Disease Genetics, Founder's Council, Southwest Foundation for Biomedical Research	\$ 3,000	1998
Genetic epidemiology of <i>T. cruzi</i> infection, Southwest Foundation Forum	\$ 16,000	1999