

CURRICULUM VITAE – November 2006

NAME IN FULL: Craig Lee Hanis

PRESENT TITLE: Professor

ADDRESS: (Office) Human Genetics Center
School of Public Health, RAS E423
University of Texas Health Science Center at Houston
P.O. Box 20186,
Houston, Texas 77225
Phone: 713-500-9807 FAX: 713-500-0900
email: Craig.L.Hanis@uth.tmc.edu

UNDERGRADUATE EDUCATION: 1970 - 1974 Brigham Young University, Provo, Utah
B.S. Zoology, Chemistry - minor

GRADUATE EDUCATION: 1974 - 1977 Brigham Young University, Provo, Utah
M.S. Zoology
1978 - 1981 University of Michigan
Ann Arbor, Michigan
M.A. Statistics
1978 - 1981 University of Michigan
Ann Arbor, Michigan
Ph.D. Human Genetics
Major Professor - Charles F. Sing

ACADEMIC APPOINTMENTS

1994 - Now Professor, Human Genetics Center, School of Public Health, University of Texas Health Science Center at Houston, Houston, Texas.
Professor, Epidemiology, School of Public Health, University of Texas Health Science Center, Houston, Texas.

1991 - 1994 Professor, Center for Demographic and Population Genetics, University of Texas Health Science Center, Houston, Texas.
Professor, Epidemiology, School of Public Health, University of Texas Health Science Center, Houston, Texas.

1990 - 1991 Acting Director, Center for Demographic and Population Genetics and Medical Genetics Center, University of Texas Health Science Center at Houston, Houston, Texas

1987 - 1991 Associate Professor (with tenure), Center for Demographic and Population Genetics, University of Texas Health Science Center, Houston, Texas.
Associate Professor, Human Ecology, School of Public Health, University of Texas Health Science Center, Houston, Texas.

1986 - 1987 Assistant Professor, Center for Demographic and Population Genetics, University of Texas Health Science Center, Houston, Texas.
Assistant Professor of Human Ecology, School of Public Health, University of Texas Health Science Center, Houston, Texas.

1983 - 1986 Research Assistant Professor, Center for Demographic and Population Genetics,

- University of Texas Health Science Center, Houston, Texas.
1984 - 1986 Research Assistant Professor of Human Ecology, School of Public Health,
University of Texas Health Science Center, Houston, Texas.
1981 - 1983 Research Instructor, Center for Demographic and Population Genetics, University of
Texas Health Science Center, Houston, Texas.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society of Human Genetics
American Diabetes Association
International Diabetes Federation
American Association for the Advancement of Science
Board of Directors, Houston Chapter American Diabetes Association (1987-1990)
United States - Mexico Border Health Association

HONORS AND AWARDS

Kleberg Medical Scholars Keynote Address – University of Texas Health Science Center at San
Antonio Regional Academic Health Center Medical Education Division – Brownsville,
Texas, February 2, 2005.
“La Búsqueda de los Genes de la Diabetes Tipo 2 Y Sus Complicaciones”, Keynote Address, 14
Curso Multidisciplinario de Diabetes Y 2nd Congress Nacional de Síndrome Metabólico,
Mexico City, October 16, 2004.
Honoree “for contributions to health disparities research” – The Center for Research on Minority
Health, The University of Texas MD Anderson Cancer Center, April 25, 2002
Chair of the Faculty – School of Public Health, 2002-2003
Commencement Speaker - University of Texas Pan American, December 16, 2000
Distinguished Speaker - Center for Genetics, University of Cincinnati, November 1999
John P. McGovern Outstanding Teacher Award - 1991-1992 Academic year, Graduate School of
Biomedical Sciences
Research Career Development Award - 1987-1992 (see Past Grant Support)
Selected for "Teaching Excellence" by the Dean of the Graduate School for the Academic years
1983 - 1984, 1986 - 1987, 1987 - 1988, 1988 - 1989, 1991, 1993, 1994, 1995, 1996, 1997,
1998, 1999, 2000
New Investigator Award - 1983-1986 (see Past Grant Support)

SERVICE ON UNIVERSITY, SCHOOL OF PUBLIC HEALTH AND GRADUATE SCHOOL COMMITTEES

| | |
|--|----------------|
| UT System Chancellor's Committee on Prevention | 2005 - present |
| SPH Research Council – Vice Chair | 2004 – present |
| GSBS Curriculum Committee | 2004 – present |
| Epidemiology Division Leadership Council | 2004 - present |
| Interfaculty Council | 2003 – 2005 |
| Office of Sponsored Projects COEUS Implementation Committee | 2004 – 2005 |
| SPH Faculty Chair | 2002 - 2005 |
| UTHSC IMM Architectural Advisory Committee | 2002 - 2004 |

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| UTHSC IMM Ad Hoc Project Building Committee | 2002 - 2004 |
| SPH Faculty Policy Committee | 2001- 2004 (3 year term, chair 2001-2002) |
| SPH Executive Committee | 2001 - present |
| SPH Chair Elect of the Faculty | 2001 - 2002 |
| SPH Post Tenure Review Committee | 2000 |
| UTH-HSC Research Council | 2000 - present (3 year term) |
| UTH-HSC Institutional Biosafety Committee | 2000 - present |
| Intellectual Property Committee | 1999 - present |
| Office of Research Services Mock NIH Grant Review Committee | 1999 |
| Office of Sponsored Projects Grant Simplification Team | 1999 |
| Search Committee for GSBS Dean | 1998 - 1999 |
| SACS Self Study Project Evaluation Committee | 1998 - present |
| Cullen Chair in Molecular Medicine Evaluation Committee | 1996 |
| USPH Community Health Advisory Board | 1995 - present |
| Co-Convener - Biological Sciences Discipline | 1994 - 1997 |
| Project Advisory Committee for the Institute of Molecular Medicine | 1993 - present |
| Postdoctoral Fellow Application Review Committee | 1992 - 1996 |
| Task Force on Consolidation of Basic Science | 1992 - 1994 |
| GSBS Membership Committee | 1991 - 1994 |
| UT MD Anderson Statistical User's Group Steering Committee | 1990 - 1991 |
| Valley/Border Health Services Delivery Scientific Council: | 1989 - present |
| Scientific Review Committee: | 1989 - 1990 |
| SACS Clinical Education Subcommittee: | 1989 - present |
| Interfaculty Council: | 1989 |
| BRSF Committee: | 1987 - 1989 (Vice chair, 1988 - 1989) |
| | 1986 - 1992 |

FACULTY MENTORING

Member; Mentoring Committee for Blanca Restrepo, 2005 - present
Member; Mentoring Committee for Jackie Slomka, 2005 - present
Member; Mentoring Committee for Alanna Morrison, 2004 – present
Member; Mentoring Committee for Momio Xiong, 2003 – present
Chair; Mentoring Committee for D. Michael Hallman, 2002 - present
Member; Mentoring Committee for Corinne Aragaki, 2001 - present
Member; Mentoring Committee for Jan Risser, 2001 – present
Member, Mentoring Committee for Lyn Steffen-Beaty, 1998 – 2000
Chair, Mentoring Committee for Xifeng Wu, 1997 - present
Chair, Mentoring Committee for Yun-Xin Fu, 1994 - 1997

GRADUATE STUDENT (GSBS and SPH) COMMITTEES AND TUTORIALS

Yi-Ping Fu, SPH, Ph.D., Epidemiology, Advisor (started Fall 2005)
Huang, Maosheng, Ph.D. GSBS, Committee Member (started Spring 2005)
Martin, Linda, M.D., MPH Advisor (started 2004)
Miller, Vicki, M.D., MPH Advisor (started 2004)
Gokhale, Sameer, MS, Epidemiology, Advisor (started 2004)
Joachim, Rebecca Diane, MS, Epidemiology, Advisor (started 2003)
Long, Lihong, MS, Epidemiology, Advisor (started 2003)
Chandra, Shalabh, SPH, MPH, Disease Control, Advisor (started 2003)
Bishop, Tracy, Ph.D., GSBS, Committee Member (started Fall 2002)
J. Chuck Huber, Ph.D., Biometry, Dissertation Committee Chair (Spring 2002 – Spring 2006)
Kirkpatrick, Timothy, Ph.D, GSBS, Committee Member (started Fall 2001)
Plaza, Angel, MPH, Occupational and Environment Health Module, Committee Member (started Fall 2001)
Edquid, Jonathan, MPH, Health Services Organization, Committee Member (started Fall 2001)
Dugger, Kimberly, MPH, International and Family Health, Committee Member (started Fall 2001)
Pruitt, Sandi, MPH, Health Promotion/Health Education, Committee Member (started Fall 2001)
Recknor, Frances, MPH, Community Health Practice, Committee Member (started Fall 2001)
Qiqing, Huang, Ph.D., GSBS, Committee Member (started Fall 2001)
Epps, Phyllis, MPH, Health Services Organization, Committee Member (started Winter 2001)
Rawat, Anish, MPH, Community Health Practice, Committee Member (started Fall 2000)
Hung, Jamie, MPH, disease control, Advisor (started fall 2000)
Anderson, James L., Ph.D. Epidemiology, committee member (started Fall 2000)
Xia, Vicky, Ph.D., Student Tutorial (Spring 2000)
Liao, Lillian F., MPH, Health Services Organization, Committee Member (started Fall 1999)
Gibson, Angela, M.S., Genetic Counseling, Committee Member (started Fall 1999)
Curtis, Michele Groark, M.P.H. Health Promotion, secondary member (started Winter 1999)
Jaloway, Jennifer Michelle, M.P.H., Disease Control, Advisor (started winter 1999)
Cuasay, Luceli, Dr.P.H., Disease Control, Advisor, Doctoral Thesis Committee (started spring 1998)
Larson, Nicole Louise, M.S., Biological Science, Committee Member (started Fall 1998)
Gu, Xiangjun, M.S., Biometry, Committee Member (started spring 1998)
Peckham, Frances Shalek - MPH - Community Health Practic - secondary member (started 10/98)
Nelson, Elizabeth - M.S. - Genetic Counselling - member (started 09/98)
Zerwekh, Jason T. - MPH - Health Services Organization - secondary member (started 02/98)
Trant, Melissa - M.S. - Genetic Counselling - supervisory committee (started 1997)
Jiang, Zhi Dong - DrPH - Disease Control - member (started 1997)
Volcik, Kelly - Ph.D. - Advisory Committee Member (started August 1997)
Radke, Judith Hogan - MPH - Health Services Organization - secondary member (started 1997)
Parnell, Susan Y. - MPH Occupational Health - secondary member (started spring 1997)
Wilgis, Margaret Jeffery - MPH Health Promotion - secondary member
Bhardwaj, Neerja Neetu - MPH International and Family Health - secondary member
Felkner, Marilyn - DrPH - Disease Control - Advisor (started spring 1997)
Allen, John (SPH) - Ph.D. Biometry - Advisory Committee
Woods, Alexis (SPH) - MPH Disease Control - Advisor
Steffen-Batey, Lyn (SPH) - Ph.D. Epidemiology - Doctoral Thesis Committee (1996-1998)
Roberts, Sonya (GSBS) - M.S. - Supervisory Committee

Li, Nanying - (SPH) - DrPH Disease Control - Advisory Committee
Zartman, Patricia - (GSBS) - M.S. Genetic Counseling - Advisory Committee
Maynard, Sadie Ellen (GSBS) - M.S. Genetic Counseling - Advisory Committee
Wear, Mary - (SPH) - Ph.D. Thesis Advisor
Fournage, Myriam (GSBS) - Ph.D. Supervisory Committee
Biddinger, Alan (GSBS) - Ph.D. Advisory and Supervisory Committee
Yousef, Adel - (SPH) - DrPH Advisor - Degree Completed August 1995
Bray, Molly - (GSBS) - Ph.D. Advisor - started June 1994 - finished May 1998
Page, Greer (GSBS) Ph.D. Advisory and Supervisory Committee Member
Bray, Molly - Tutorial - Winter 1994
Gu, Ken - Ph.D. (SPH) - Nutritional factors and the familial aggregation of diabetes risk factors
(Thesis Advisor) - Completion date - December 1995
Elsouki, Rabih (SPH) - MS committee member - finished summer 1994 - growth and development
Lin, Jing Ping (SPH) PhD - graduated Spring 1994
McKeand - M.S. (Counselling) - Committee Member
Rosalyn Walker - M.S. (GSBS) - Variation in the Glucose Transporter 4 Gene. (Thesis Advisor).
Completion Date - Summer 1993. Current Position - Medical School
Sangi, Haleh - Ph.D. (SPH) - Body fat distribution and cardiovascular risk - (Committee Member) -
Completion Date - Summer 1993 - Current Position - Asst Professor, Baylor
Atassi, Farah - MPH finished 1993 - Thesis advisor - Microalbuminuria
MacGuire, Rachel - Tutorial - Genetic variation and quantitative factors - Spring 1993
Wear, Mary - Ph.D. (SPH) - Fat distribution and gallbladder disease risk - (Committee Member)
Shriver, Mark - Ph.D. (GSBS) - Evolution of VNTRs - (Committee Member)
Michael Hallman - Ph.D. (GSBS) - Effects of Variation at Apo B on lipids - (Committee Member)
Li Jin - Ph.D. (GSBS) - Population genetics of VNTRs - (Committee Member)
Jan Risser - M.P.H. (SPH) - familial aggregation of body fatness and distribution - (Advisor)
Teri King - Ph.D. (Johns Hopkins) - familial aggregation of survival - (Local Advisor)
Deborah Durand - M.S. (GSBS) - Genetic Counseling, Completion date - May 1991 (Committee
Member)
Gloria Garcia - Dr.P.H. (SPH) - Nutrition and Diet Associated with Chronic Disease among
Mexican Americans in Starr County, Texas. Completion Date - May 1991 (Committee
Member)
Linda Bachinski - Ph.D. (GSBS) - Molecular Genetics of DNA Repair. Completion Date - May
1991 (Committee Member)
William Risser - Dr.P.H. (SPH) - genetic variation in lipid related genes in the pediatric population
with special reference to menarche. 1990 (Tutorial)
Yilin Zhu - M.S. (SPH) - biostatistics (Tutorial)
Jon Volpe - Ph.D. (GSBS) - Genetic Mechanisms and Metastases. Completion Date - May 1989
(Committee Member)
Socorro Gross-Galiano - M.S. (SPH) - Hypertension and Diabetes in Starr County Texas.
Completion Date - May 1989 (Advisor)
Evangalina T. Villagomez - M.S. (SN) - Health Beliefs, Knowledge, and Metabolic Control in
Diabetic Mexican American Adults. Completion Date - August 1989 (Committee Member)
Miguel Escalon - Ph.D. (SPH) - Biochemistry and Population Genetics of Alpha 1 Acid
Glycoprotein. Completion Date - Summer 1987 (Committee Member)
Karen Reichley - M.P.H (SPH) - Centralized Obesity and Cardiovascular Risk Factors in Mexican
Americans from Starr County, Texas. Completion Date - June 1985 (Committee Member)
Lydia Aguilar - Dr.P.H (SPH) - A Genetic Marker Study of Non-insulin Dependent Diabetics in the

- Mexican-American Community from Starr County, Texas. Completion Date - September 1985 (Committee Member)
- Denise Kubrusly - M.P.H. (SPH) - Determinants of Diabetic Foot Ulcers Completion Date - September 1985. (Thesis Advisor).
- Norma Nunez de Macie - due to a personal emergency in the family of one of her committee members, I served as a nonofficial member assisting in the interpretation of her results and dissertation writing. Completion date - December 1983.

TEACHING

- Genetics and Human Disease - GSBS and SPH - offered each Fall Semester, 1987 -present.
Principles and methods of human genetic analysis with special reference to the contribution of genes to our burden of disease. Course organizer and responsibility for approximately 50 % of lectures.
- Genetic Epidemiology of Chronic Disease - GSBS (GS11 0092) and SPH (PH3340) - offered each Winter Semester, 1993 - present. A review of the evidence that genes contribute to common chronic conditions including diabetes, cardiovascular disease, cancer, etc. Course organizer and responsibility of approximately 50% of lectures.
- Human Genetics 1 - GSBS 11.01.3 - offered each Fall Quarter, 1981 - 1986. The first of a series aimed at developing genetic principles in the context of humans. The purpose is to develop an understanding of the special methods of inference that are required in order to assess the transmission of traits within families. Approximately 50% of the course lectures, exam preparation and grading.
- Disease: Natural History, Prevention and Control - PH4610, Lecture on Diabetes and Hypertension - 1.5 hours, Fall 2001
- Introduction to Epidemiology - PH2610 - 2 hour lecture on Genetic Epidemiology - Each semester beginning Winter 2001
- Human Population Genetics - Baylor College of Medicine, Each Fall 1987 - 1990.
Principles of population and quantitative genetics as applied to humans. Responsible for 25% of lectures.
- Introduction to Disease - SPH Biological Sciences Discipline Core Course, 1 lecture "Inherited Disease" presented locally and also via Distance Learning
- Northbrook Middle School Distance Learning Wellness Program - Lecture on Heredity and Disease Risk - Fall 1999
- Social Determinants of Health - "Genetics of Type 2 Diabetes and Population Genetics", 1.5 hr lecture, Carl Slater Coordinator, April 3, 2000

OTHER SCHOLARLY ACTIVITIES AND REVIEW BODIES

Non-ad hoc Review Body Memberships and Other Scholarly Activities

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|---|-----------------|
| Borderplex Council Taskforce on Diabetes and Obesity | 2005 – present |
| Scientific Advisory Board – Boston Obesity Nutrition Research Center, Boston, Massachusetts | 2004 to present |
| NIH: NIDDK DCCT/EDIC Scientific Advisory Committee | 2003 – present |
| Scientific Advisory Board – Sorenson Molecular Genealogy Foundation, Salt Lake City, Utah | 2003 – 2005 |
| Texas Pediatric Diabetes Research Advisory Committee | 2001-2003 |
| Editorial Board, <i>Diabetes</i> , 3 year term | 2000 - 2002 |

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| Member, NIH Epidemiology and Disease Control 1 Study Section | 1998 - 2002 |
| Member, American Diabetes Association Scientific Review Committee | 07/96 - 06/98 |
| American Diabetes Association Scientific Sessions Committee | 07/96 - 06/97 |
| Southwest Foundation for Biomedical Research Grant Review Committee | 1994-1997 |

Ad Hoc Review Bodies and Other Scholarly Activities

Sometime reviewer for: American Journal of Human Genetics, American Journal of Epidemiology, American Review of Respiratory Disease, Arteriosclerosis and Thrombosis, Circulation, Clinical Endocrinology, Diabetes, Diabetes Care, Digestive Diseases and Sciences, Epidemiologic Reviews, Ethnicity and Disease, Genetic Epidemiology, Genomics, Human Biology, Human Genetics, International Journal of Epidemiology, Journal of the American Medical Association, Journal of the National Cancer Institute, Mathematics Applied in Medicine and Biology

NIH - Cardiovascular and Sleep Epidemiology (CASE) Study Section, ad hoc member, Bethesda, Maryland, June 8-9, 2006

NIH – Member Conflict SEP (ZRG-03), Teleconference, May 30, 2006

NIH – NEI VSN01 Study Section ad hoc member, Bethesda, Maryland, March 20, 2006.

NIH – Clinical and Integrative Diabetes and Obesity (CIDO) and SRG1 EMNR K90 Study Section ad hoc member, Bethesda, Maryland, February 16, 2006

NIH – NCI Cancer Prevention P01 Cluster Review, Bethesda, Maryland, January 30 – February 1, 2006

NIH – SEP (ZRG1 HOP-N (02)), Reviewer and Chair of Teleconference, November 30, 2005

NIH – SEP (for RFA DK-04-020 – “Clinical Nutrition Research Unit Core Centers”), Bethesda, Maryland, October 24-25, 2005

NIH – SEP (ZDK1 GRB-3 (01)), NIDDK Family Investigation of Nephropathy and Diabetes (FIND) Study, Reviewer and Chair of Teleconference, August 16, 2005

Multiple Sclerosis Society, Special Application Reviewer, May 2005

Medical Research Council of South Africa – Grant Reviewer, May 2005

NIH – SEP (ZRG1 HOP-Q (02)), Bethesda, Maryland, March 2005

NIH – NIDDK Sep (ZDK1 GRB-6 (I4)) Reviewer – February 2005

GCRC Site Visitor (Yale), NIH – December 2004

Reverse Site Visitor, NIH-NINDS, Bethesda, Maryland – December 2004

Wellcome Trust, Program Project Reviewer, August 2004

Ad Hoc Reviewer, NIH EDC1 Study Section (10/97, 02/98, 10/03, 02/04, 06/04)

Project Reviewer, Pennsylvania State Department of Health – 2004

Project Reviewer, Center for Border Health Research - 2004

Advisory Committee Member – Hispanic Health Summit 2003

Program Abstract Reviewer – American Diabetes Association – 2003 Annual Meeting

Program Abstract Reviewer – American Diabetes Association – 2005 Annual Meeting

Chair, Molecular Genealogy Center Oversight Committee, Brigham Young University, Provo Utah, September 2002 - 2003

Ad Hoc Reviewer, NIH-NEI Special Emphasis Panel Member – July 2003

Ad Hoc Grant Reviewer, British Diabetes Association, June 2003

Ad Hoc Reviewer, Texas Mexico Border Health Association – September 2002

Ad Hoc Member, NIH EDC1, October 2002, February 2003, June 2003

Ad Hoc Grant Reviewer, Dutch Diabetes Association, September 2002
Site Visitor, Molecular Genealogy Center, Brigham Young University, Provo, Utah, May 2002
Ad Hoc NIH-NEI Special Emphasis Panel Member – April 2002
Ad Hoc NIH-NHLBI Special Emphasis Panel Member – March 2002
Ad Hoc NIH-NCI Special Emphasis Panel Member – February 2002
Consultant to Genaissance Pharmaceuticals – 2000-present
Ad Hoc NIDA Special Emphasis Panel Member - July 2001
Juvenile Diabetes Research Foundation International Chair of Site Visit - New York City, July 2001
NIH GCRC Site Visit Panel Member - Medical College of Wisconsin - May 2001
Ad Hoc NIH Special Emphasis Panel Member - April 24, 2001
Ad Hoc NIH Special Emphasis Panel Member - April 20, 2001
Juvenile Diabetes Research Foundation International Site Visitor and Reviewer - Melbourne, Australia, March 2001
Ad Hoc NIH Special Emphasis Panel Member, NEI - K08 Awards, March 27, 2001, Bethesda, MD
Ad Hoc NIH Special Emphasis Panel Member - February 2001
Ad Hoc NIH Special Emphasis Panel Member - December 2000
NIH GCRC Site Visit Panel Member - Northwestern University - September 2000
Center for Border Health Research Grant Reviewer - September 2000
NIH GCRC Site Visit Panel Member - Wake Forest University - March 2000
NIDDK DCCT-EDIC Advisory Committee- 1999-2000
Ad Hoc NIH Special Emphasis Panel Member - April 2000
Center for Border Health Research Grant Reviewer - September 1999
NIH Site Visit Panel Member - University of Alaska - August 1999
Ad Hoc Special Emphasis Panel Member - July 1999
Veterans Administration Project Reviewer - March 1999
Ad Hoc Special Emphasis Panel Member - February 1999
Ad Hoc Special Emphasis Panel Member - October 1998
Veterans Administration Project Reviewer - September 1998
University of Texas MD Anderson Project Reviewer - September 1998
Ad Hoc Special Emphasis Panel Member - May 1998
NIH GCRC Site Visit Panel Member - Rochester University - April 1998
Ad Hoc NIH Special Emphasis Panel Member - February 1998
Ad Hoc NIH Study Section Member - Epidemiology and Disease Control 1 - October 1997 - June 1998
Ad Hoc NIH Special Emphasis Panel Member - June 1997
Ad Hoc NIH Review Committee - Epidemiology and Disease Control - May 1997
Ad Hoc Study Section Member - Safety and Occupational Health - August 1996
American Diabetes Association Scientific Review Board - Member - July 1996 - June 1998
American Diabetes Association Scientific Review Board - ad hoc member - February 1996
Ad Hoc Review Committee - NHLBI - March 1996
Ad Hoc Review Committee - Medicinal Biochemistry Study Section - August 1995
Ad Hoc Review Committee - EDC1 - April 1995
Ad Hoc Review Committee - NIDDK - April 1995
Ad Hoc Review Committee - EDC1 - April 1995
Ad Hoc Review Committee - EDC1 - December 1994
Ad Hoc Review Committee - EDC1 - November 1994
Ad Hoc Reviewer - NIDDK - July 1994
Ad Hoc Study Section Member - NIDDK - RFA - June 1994

Ad Hoc Reviewer - NHLBI - Small Grant (RO3) applications - April 1994
Ad Hoc Reviewer - NCHGR - February 1994
Ad Hoc Study Section Member - NCI - RFA CA-92-23 - February 1993
Ad Hoc Study Section Member - NIDDK - November 1992
Ad Hoc Study Section Member - NHLBI - October 1991
Ad Hoc Study Section Member - NHLBI - July 1991
Site Visitor - NHLBI - July 1991
Peer Reviewer - United States-Israel Binational Science Foundation - January 1990
Peer Reviewer - American Heart Association Florida Affiliate Multidisciplinary Project Grant Applications - October 1989
Consultant to the Lovelace Medical Foundation, Albuquerque, New Mexico regarding the genetics of mesangiopathic kidney disease among Zuni Indians.
Consultant to the University of New Mexico Tumor Registry regarding "Chronic Pulmonary Obstructive Disease Among Mexican Americans in Belen, New Mexico". (Study Principal Investigator is Jonathan M. Samet, M.D.).
Member: South North Center for Health Studies of the School of Public Health, University of Texas Health Science Center at Houston.

SYMPOSIA ATTENDED BY INVITATION

“Genetics of Diabetes and Its Complications: Consortia Meeting”, NIDDK, Speaker and Discussion Leader, Bethesda, MD, July 20, 2005.
“Genetic Susceptibility to Type 2 Diabetes and its Complications Among Mexican Americans” (Keynote Address), Experimental Biology 2005 Genomics Symposium, “Health Disparities in Cardiovascular Disease: Genetic and Therapeutic Applications”, San Diego, California, April 4, 2005.
“Genetics of Diabetes”, The University of Texas System Molecular Medicine Symposium: Translating Discoveries into Health, Houston, Texas, February 21, 2005.
“The Family Tree of Diabetes Has Deep Genetic Roots”, Symposium – Diabesity: The Family Disease of the 21st Century, McAllen, Texas, September 20, 2003
“Bioinformatics: Core Concepts”, 2002 Informatics Short Course, School of Health Information Sciences, UTHSC, September 2002
“Bioinformatics: Core Concepts”, 2002 Informatics Short Course, School of Health Information Sciences, UTHSC, March 22, 2002
“Diabetes Among Mexican Americans”, Health Disparities Among Minority Populations Conference at Baylor College of Medicine, Houston, Texas, February 7, 2002
“Genetic Epidemiology of Diabetes Complications”, symposium at the American Diabetes Association 2001 Scientific Sessions, June 22, 2001.
“Mapping and Identification of Calpain 10 as a Diabetes Susceptibility Gene”, May 24, 2001, China-US International Symposium on the Mapping and Identification of Complex Polygenic Disease Genes, Chang-Sha, China
“Prospects for Understanding the Genetics of Common Chronic Disease: Lessons from Type 2 Diabetes”, March 16, 2001, Brigham Young University Annual College of Biology and Agriculture Molecular Biology Symposium, Provo, Utah.
“Genetics of Diabetic Retinopathy”, National Eye Institute Workshop, September 21-22, 2000, planning committee and talk entitled “Genetics of Retinopathy” on September 21, 2000.
“Genome Scans for Type 2 Diabetes” symposium at the American Diabetes Association 1999 Scientific Sessions. June 21, 1999, talk titled “From Linkage to Disease Genes: The Pursuit

- of Type 2"
- “Taiwan Frontier of Medicine - Genome 2000 Symposium”, Taiwan Academy of Sciences, May 29 - June 2, 2000, talk titled “From Genome Scans to Disease Genes and Functional Mutations”, May 31, 2000
- “Texas A&M Annual Human Nutrition Conference”, February 4, 2000, talk titled “Genetics
- “Genome Screens: Changing the Landscape of Diabetes Epidemiology” council discussion session at the American Diabetes Association 1999 Scientific Sessions. June 20, 1999, talk titled “Genome Scans and Type 2 Diabetes”.
- “Anthropological Diversity and Complex Disease” symposium as part of the American Association of Physical Anthropology meetings, Columbus, Ohio, May 1, 1999. Talk titled “Genes and their interactions with environmental risk factors of type 2 diabetes: Experiences from studies of Mexican Americans”
- “Daño Microvascular, El caso de la Retinopatía Diabética”, 1er Curso Internacional – “Advances en Enfermedades Cardiovasculares”, June 26, 1998, Guadalajara, Jalisco, Mexico
- “Genética y Diabetes”, 1er Curso Internacional – “Advances en Enfermedades Cardiovasculares”, June 26, 1998, Guadalajara, Jalisco, Mexico
- “Diabetes Mellitus en México-Americanos”, 1er Curso Internacional – “Advances en Enfermedades Cardiovasculares”, June 26, 1998, Guadalajara, Jalisco, Mexico
- Keystone Symposia on Molecular and Cellular Biology - Discovery and Development of Novel Therapeutic Agents for the 21st Century, Tamaran, Colorado, Genetic Analysis of Diabetes, March 18, 1997.
- American Diabetes Association - Genetics of Diabetes - Denver, Colorado, March 1996 – “How Much Power is Enough in Genetic Studies”
- Texas State Society American Medical Technologists Annual Meeting - Invited Speaker “Diabetes Among Mexican Americans in Starr County, Texas” - September 15, 1995
- Cambridge Healthtech Institute, Advances in Genetic Screening and Diagnosis of Human Disease - Invited Speaker, “Genetics of IDDM and NIDDM Diabetes and Prospects for Early Diagnosis and Intervention”, March 9-10, 1995, San Francisco, California
- World Health Organization and Foundation IBSEN – “Genetic Approaches to Noncommunicable Diseases, Conference Speaker “Genetics of Non-insulin Dependent Diabetes Mellitus among Mexican Americans: Approaches and Perspectives”, December 1994, St. Petersburg, Russia.
- UT System Texas-Mexico Border Health Coordination Office, “Third UT System Texas-Mexico Border Health Symposium”, Conference Speaker “Diabetes, Complications and Mortality Among Mexican Americans in Starr County, Texas”, October 21, 1994, South Padre Island, Texas.
- UTHSC-H – “An Exploration of Human Subject Issues when Doing Genetic Research”, Conference Speaker, September 13, 1994, Houston, Texas.
- National Heart, Lung and Blood Institute "Workshop on the Epidemiology of Hypertension in Hispanic Americans, native Americans, Asian/Pacific Islander Americans". Conference speaker and discussion panelist. Gave presentation titled, " Hypertension in Hispanic Americans: Starr County Texas Study", June 20-21, 1994, Washington, DC.
- Texas Southern University College of Pharmacy and Health Sciences, "Providing Pharmaceutical Care to Minority Patients with Diabetes". Conference Faculty member and presentation titled "Pathophysiology of Diabetes Mellitus - Special Emphasis", June 4, 1994. Houston, Texas
- American Heart Association, "19th Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases", Lake Tahoe, California, August 1-3, 1993. Conference Faculty member and presentation titled "The Genetics of Cardiovascular Disease".

- American Heart Association, "18th Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases", Lake Tahoe, California, July 29-30, 1992. Conference Faculty member and presentation titled "The Genetics of Cardiovascular Disease".
- U.T. System Valley/Border Health Symposium, "Starr County Diabetes Service Related Activities", Austin, Texas, October 22-23, 1990. Invited presenter.
- Texas Department of Health and Centers for Disease Control, "Diabetes among Mexican-Americans: Challenge to Action", San Antonio Texas, September 27-28, 1990. Presentation on Diabetes and Public Health.
- National Institute of Diabetes and Digestive and Kidney Disease "Workshop on Diabetes in Hispanics". Bethesda, Maryland, May 23-24, 1988. Three Presentation, "The Origins of U.S. Hispanics", "The Genetics Versus the Environment with Special Reference to the Starr County Study", and "Diabetes Mortality in Texas and Diabetes-Related Morbidity in Hispanics". Also led discussion on genetic and non-genetic factors accounting for the disproportionate prevalence of diabetes in Hispanics.
- University of Texas Health Science Center at San Antonio, Center for Health Policy Development, Inc., San Antonio, Texas, "Hispanic Health Status Symposium". Presentation - "Chronic Disease Epidemiology among Mexican-Americans in Starr County, Texas", Nov. 6, 1987.
- Texas Diabetes Council and American Diabetes Association, Austin, Texas, "Diabetes Among Mexican-Americans in Texas". Presentation - "Description of Diabetes in Texas", January 29, 1987.
- University of New Mexico Sunrise Springs Epidemiology Retreat, Sunrise Springs, New Mexico. Presentation - "Genetic Epidemiology 1 & 2" (2 one-hour presentations), November 1986.
- University of Texas System Symposium on Texas-Mexico Border Health, Austin, Texas. Presentation - "Mexican Americans in Starr County: Definition and Disease", March 1986.
- VII Congreso Latinoamericano de Genetica, I Congreso Colombiano Genetica, Bogota, Colombia. Symposium - "Genetica de Poblaciones Y Evolucion Humana". Presentation - "Population and Individual Admixture: Relation to the Distribution of Diabetes and Gallbladder Disease", October 1985.
- Epicenter Conference, Woodlands, Texas. "Chronic Diseases among Mexican Americans". (Co-organizer). December 1984.
- Regional Meeting of the Biometric Society of America, Orlando, Florida. Symposium - "The Analysis of Family Data: Current Considerations". Presentation - "Nonrandom Sampling in Human Quantitative Genetics: Implications of Truncation", March 1984.
- Regional Meeting of the Biometric Society of America, San Antonio, Texas. Symposia - "Multivariate Methods in Human Genetics". Presentation - "Multivariate Models for Human Genetic Analysis: Aggregation, Coaggregation and Tracking of Traits", March 1982.

INVITED LECTURES AND SEMINARS

- "Type 2 Diabetes and Obesity Among Mexican Americans: 25 Years of Experience in Starr County, Texas", Boston Obesity Nutrition Research Center (BONRC) Annual Meeting Plenary Session, June 19, 2006.
- "Two and a Half Decades of Changing Diabetes and Genetics Among Mexican Americans", National Network of Latin American Medical Students, Baylor College of Medicine, November 14, 2005.
- "Genetics of Type 2 Diabetes and Its Complications", University of Texas Health Science Center at Houston School of Medicine, Internal Medicine Grand Rounds, February 1, 2005
- "Diabetes in Starr County: An Update", Starr County Teachers' Retirement Association, Rio Grande City, Texas, January 20th, 2005

- “La Búsqueda de los Genes de la Diabetes Tipo 2 Y Sus Complicaciones”, Keynote Address, 14 Curso Multidisciplinario de Diabetes Y 2nd Congress Nacional de Síndrome Metabólico, Mexico City, October 16, 2004.
- “Diabetes tipo MODY: Aspectos Genéticos”, Congreso Internacional Sobre Diabetes, Cd. Reynosa, Tamaulipas, Mexico, October 13, 2004
- “Genetics of Type 2 Diabetes and Its Complications”, Baylor College of Medicine, Endocrinology Grand Rounds, September 30, 2004
- “Genetics and Epidemiology of Type 2 Diabetes and its Complications”, Texas Southern University, Houston, Texas, September 13, 2004
- “Principles and Practices of Getting Grants” – 2 lectures and ran a workshop session, University of South Florida, Tampa, Florida, May 22, 2004
- “Genes, Genome, Genomics and More”, Short Course for High School Teachers, Houston, Texas, July 7, 2003
- “Genetics Research Advancing the Management and Control of Diabetes”, From the Bench to Bedside: Applications of Genetics, Houston, Texas, December 5, 2002
- “Genetics of Diabetes: Why Don’t We Know More”, Short Course for High School Teachers, Houston, Texas, July 10, 2002
- “Genetics of Type 2 Diabetes and Its Complications”, Baylor College of Medicine, Endocrinology Grand Rounds, March 21, 2002
- “Genetics and Epidemiology of Diabetes and Its Complications”, University of Pittsburgh, Department of Epidemiology, October 23, 2001
- “Genetic Susceptibility to Type 2 Diabetes Among Mexican Americans”, Hispanic Serving Health Professionals Annual Conference, Bethesda, Maryland, November 10, 2000
- “Uncovering the Genes for Diabetes: Identification of a Susceptibility Gene among Mexican Americans in Starr County, Texas”, 6th Biennial UT System Border Health Symposium, South Padre Island, Texas, November 3rd, 2000.
- “Identification of *Calpain 10* as a Type 2 Diabetes Susceptibility Gene Among Mexican Americans in Starr County, Texas”, UTHSC Human Genetics Center Seminar, September 13, 2000
- “An Overview of the Genetics of Type 2 Diabetes”, Genaissance Pharmaceuticals, New Haven, Connecticut, December 15, 1999.
- “Genes, Diabetes and Implications”, Kingwood Medical Center and Diabetes Management Center, Kingwood, Texas, November 9, 1999
- “Genetics of Diabetes Among Mexican Americans: Identification of a Gene”, Distinguished Lecturer, University of Cincinnati Department of Environmental Health, Division of Epidemiology. Cincinnati, Ohio, November 3, 1999
- “Heredity and the Family Tree”, University of Texas Houston Health Science Center Distance Learning Wellness Program (Interactive TV), Houston, Texas, September 15, 1999.
- “Genetic Epidemiology of Type 2 Diabetes”, Harvard School of Public Health, Boston, Massachusetts, April 16, 1999.
- “Locating Genes for Type 2 Diabetes: An 18 Year Search”, Joslin Diabetes Center, Boston Massachusetts, April 15, 1999.
- “Locating Type II Diabetes Genes”, Baylor College of Medicine Endocrinology Group, March 10, 1998
- “Genome Searching for Type 2 Diabetes Genes”, Southwestern Oklahoma State University, November 1997
- “Genetics of Diabetes and Hypertension” - Hispanic Cardiovascular Health Conference - University of Texas Health Science Center, November 1, 1997

- “Diabetes Among Mexican Americans” - Texas/Mexico Border Health Continuing Education Symposium, April 11, 1997
- “Genetics of Type 2 Diabetes in Mexican Americans”, Prairie View A&M University, Biology Department, October 21, 1996
- “A Genome Search for Type II Diabetes Genes”, Baylor College of Medicine Endocrine Grand Rounds, September 12, 1996
- “Genetic and Epidemiology of Diabetes Among Mexican Americans in Starr County, Texas”, GSBS Distance Learning Program to UT Pan Am, Summer 1996
- “Finding Type II Diabetes Genes”, University of Texas Health Science Center at Houston Medical School Summer Research Program, July 11, 1996
- “Genetics of Common Disease: Locating Diabetes Genes”, University of Eastern New Mexico, Portales, New Mexico, November 13, 1995
- “Cuando Uno Tiene Diabetes”, Special Populations Research, Laredo, Texas, November 20, 1991, Invited presenter.
- “Diabetes in Starr County, Texas”, United States Mexican Border Health Association - Lower Rio Grande Valley Binational Health Council. McAllen, Texas, February 9, 1990.
- “Diabetes Among Mexican-Americans”, American Diabetes Association Texas Affiliate, Minority Awareness Initiative, Houston, Texas. April 13, 1988.
- “The Genetics of Chronic Disease Among Mexican-Americans”, University of Texas Health Science Center, Medical School, Department of Pediatrics. Houston, Texas. April 1, 1988.
- “The Genetics of Blood Pressure and Weight”, University of New Mexico Tumor Registry, Albuquerque, New Mexico. July 17, 1986.
- “Admixture at the Population and Individual Levels and the Relation to Diabetes and Gallbladder Disease”, University of Michigan Department of Human Genetics, Ann Arbor, Michigan. January 27, 1986.
- “Genetics and Epidemiology of Diabetes Among Mexican Americans”, Universidad Havariana Medical School, Bogota, Colombia. October 17, 1985.
- “Genetic Epidemiology of Chronic Disease Among Mexican Americans: Diabetes, Gallbladder Disease, and Hypertension”, University of New Mexico Tumor Registry, Albuquerque, New Mexico. February 6, 1985.

GRANT SUPPORT

- PAST:* "Genetic Analysis of Multivariate Human Data". Biomedical Research Support Award.
March 1, 1982 - June 30, 1983; \$3,075
Principal Investigator 20%
- "Genetic Epidemiology of Mexican Americans: Pilot Studies". Biomedical Research Support Award.
September 1, 1983 - June 30, 1984 \$12,065
Co-Principal Investigator 10%

"Statistical Problems in the Genetics of Diabetes". New Investigator Award from the National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases.
R23-AM32895; July 1, 1983 - June 30, 1986. \$73,805
Principal Investigator 50%

"Genetic Epidemiology of Diabetes in Mexican Americans". Renewal, National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases.
RO1-AM27582; September 1, 1984 - August 31, 1986. \$95,803
Co-investigator 20%

Gallbladder Disease Aggregation among Mexican-Americans". National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases.
RO1-AM34666, December 1, 1984 - November 30, 1991. \$1,281,340
Co-principal Investigator 25%

"Cardiovascular Risk Profile Among Mexican-Americans". National Heart, Lung and Blood Institute.
RO1-HL34823, April 1, 1986 - March 31, 1991. \$301,829
Principal Investigator 25%

"Genetic and Epidemiologic Approaches to Chronic Disease". Research Career Development Award, National Institute of Diabetes & Digestive & Kidney Diseases.
KO4-DK01748, March 1, 1987 - February 28, 1992
\$240,600
Principal Investigator 100%

"Risk factors of retinopathy among Mexican-American diabetics in Starr County, Texas". Kleberg Foundation
July 1, 1990 - June 30, 1992, \$29,944
Principal Investigator 10%

"Dynamics of Retinopathy Among Mexican American Diabetics". National Eye Institute.
RO1-EY06231, August 1, 1986 - July 31, 1991. \$532,970
Principal Investigator 25%

"Small Instrumentation Grant in Response to RFA PA-93-020". Natl Inst of Health.
GM 50490. September 1, 1993 - August 31, 1994 \$37,398
Principal Investigator

"Unidos en Salud: Weight Loss for Mexican Americans". National Heart Lung and Blood Institute. HL47052
RO1, August 1, 1993 - July 31, 1998 \$992,632
Principal Investigator (This represents a subcontract to Baylor) 15%

"Education and Group Support for Diabetic Hispanics". National Institute of Diabetes, Digestive and Kidney Disease

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| RO1 DK, July 1, 1994 - June 30, 1999 Principal Investigator (subcontract to UT Austin) | \$125,000 10% |
| "Studies on the Genetics of NIDDM: Starr County Family Acquisition Center". American Diabetes Association. June 1, 1993 - December 31, 1999 Principal Investigator | \$654,799 8% |
| "Studies on the Genetics of NIDDM: Central Data Center". American Diabetes Association. June 1, 1993 - December 31, 2000 Co-Investigator | \$534,654 5% |
| "Genetics of Diabetic Retinopathy". National Eye Institute RO1 EY12386, January 1, 1999 - December 31, 2005 Principal Investigator | \$2,493,748 20% |
| "Education and Group Support for Diabetic Hispanics". National Institute of Diabetes, Digestive and Kidney Disease RO1 DK, April 1, 1999 - March 31, 2004 Principal Investigator (this is a subcontract to UT Austin) | \$840,883 10% |
| "Consortium Linkage Studies for Type 2 Diabetes". National Institute of Diabetes, Digestive and Kidney Disease U10 DK058026, October 1, 1999 - August 31, 2004 Principal Investigator (this is a subcontract to U Chicago) | \$354,603 10% |
| "Injury and Illness Surveillance in Migrant Farmworkers", NIH-NIOSH OH04041: September 30, 1999 - August 31, 2002 Co-Investigator (Sharon Cooper, PI) | \$743,888 5% |
| "Supplement in Genetic Epidemiology Education", NIH-NCI CA57730: April 1, 1999 March 31, 2004 Co-Investigator (R. Chamberlain, PI) | \$101,193 |
| "Pharmacogenomics and Minority Populations", NIH-NGI April 1, 2000 – March 31, 2004 Principal Investigator (This is subcontract to the Mark Rothstein of the University of Houston Health Policy Law Institute) | \$144,200 |
| "NIDDM Genes in Hispanics, Blacks and Non-Hispanic Whites". National Institute for Diabetes, Digestive and Kidney Diseases. RO1 DK47487, September 30, 1993 - September 30, 2006 Principal Investigator | \$3,781,183 20% |
| "Genes and High BP: Mexican American Field Center". National Heart, Lung and | |

Blood Institute
RO1 HL54504, September 5, 1995 - August 31, 2006 \$2,269,400
Principal Investigator 15%

“Genomic Approaches to Common Chronic Disease”, NHGRI (Sing)
P50 GM065509, July 01, 2001 – June 30, 2006 \$921,556
Co-Investigator 5%

Develop evolutionary-population genetic methods for identifying subsets of sites to be used in genotyping-phenotyping studies and apply these strategies for predicting metabolic and physiologic measures of health in African-American and non-Hispanic European-American populations.

PRESENT: "Starr County Diabetes Related Service Activities". University of Texas System
Valley/Border Health Services Delivery Project
September 1, 1988 - August 31, 20016 \$789,001
Principal Investigator 5%

This project provides funding for diabetes and related screening for up to 100 individuals per week at our field office in Starr County, Texas.

“Creation of a Hispanic Health Research Center in the Lower Rio Grande Valley: Diabetes Core”

P20 MD000170, February 01, 2003 – January 31, 2008 \$791,444
Principal Investigator of Core 10%

This project is to develop a research core related to type 2 diabetes in the Lower Rio Grande Valley of Texas. The amount here is the total for only the diabetes core and not for the entire project.

“Genetics of Diabetic Retinopathy in African Americans with Type 1 Diabetes”
Juvenile Diabetes Research Foundation, September 1 2004 – March 31, 2007

Principal Investigator of Subcontract 10% \$614,941

This is a subcontract to the University of New Jersey to provide genotyping and analytic support to the parent project headed by Dr. Monique Roy

“Genetics of Diabetic Retinopathy”

EY012386, January 1, 1999 – August 31, 2009 \$2,119,862
Principal Investigator 20%

The purpose of this project is to identify the genes involved in the complications of diabetes with special focus on diabetic retinopathy. The amount here is for the competing continuation that is currently active.

“Mapping T2DM Genes in GENNID Families”

DK077110, April 1, 2006 – March 31, 2011 \$891,268
Principal Investigator of Subcontract 15%

The purpose of this project is map and identify genes for type 2 diabetes using the American Diabetes Association’s GENNID repository of samples and data. The PI of the project is Dr. Steven Elbein at the University of Arkansas. We share analysis and follow-up responsibilities of particular regions of the genome.

“Genome-Wide Association Mapping of Metabolic, Lung and Cardiovascular Phenotypes”

HL084715, July 1, 2006 – June 30, 2006

\$132,091

Principal Investigator of Subcontract

5%

The purpose of this project is to develop and apply analytic methods to genome-wide association data. This subcontract to the University of Chicago (Dr. Nancy J. Cox) is to develop pathway approaches and maintain the key data sets involving Mexican Americans from Starr County, Texas.

PATENTS

- Bell GI, Horikawa Y, Oda N, Cox NJ, Hanis CL “A Novel Calpain-Like Cysteine Protease in Type 2 Diabetes”. U.S. Provisional Application No. 60/105,052
- Polonsky KS, Otani K, Bell GI, Horikawa Y, Oda N, Cox NJ, Hanis CL, Zhou YP, Sreenan S. “Methods of Treatment of Type 2 Diabetes”. U.S Patent Application No. 09/422,869
- Polonsky KS, Otani K, Bell GI, Horikawa Y, Oda N, Cox NJ, Hanis CL, Zhou YP, Sreenan S. “Methods of Treatment of Type 2 Diabetes”. International Patent Application No. PCT/US99/248909.

PUBLICATIONS

Refereed Articles in Journals

- Hanis CL, Sing CF, Clarke WR, and Schrott HG (1983). Multivariate models for human genetic analysis: Aggregation, coaggregation and tracking for systolic blood pressure and weight. *Am J Hum Genet* 35:1196-1210.
- Hanis CL, Ferrell RE, Barton SA, Aguilar L, Garza-Ibarra A, Tulloch BR, Garcia CA, Schull WJ (1983). Diabetes among Mexican-Americans in Starr County, Texas. *Am J Epidemiol* 118:659-672.
- Ferrell RE, Hanis CL, Aguilar L, Tulloch B, Garcia C, Schull WJ (1984). Glycosylated hemoglobin determination from capillary blood samples: Utility in an epidemiological survey of diabetes. *American Journal of Epidemiology*. 119:159-166.
- Mueller WH, Joos SK, Hanis CL, Zavaleta AN, Eichner J, and Schull WJ (1984). The diabetes alert study: Growth, fatness and fat patterning, adolescence through adulthood in Mexican Americans. *Am J Phys Anthro* 64:389-399.
- Joos SK, Mueller WH, Hanis CL, and Schull WJ (1984). Diabetes alert study: Weight history and upper body obesity in diabetic and non-diabetic Mexican American adults. *Annals of Human Biology*. 11:167-171.
- Hanis CL and Chakraborty R (1984). Nonrandom sampling in human genetics: Familial correlations. *J Math Applied in Medicine and Biology*. 1:193-213.
- Weiss KM, Ferrell RE, and Hanis CL (1984). Genetics and epidemiology of gallbladder disease in new world native peoples. *Am J Hum Genet* 36:1259-1278.
- Weiss KM and Hanis CL (1984). All "silent" gallstones are not silent. *New Engl J Med* (letter). 310:657-658.
- Hanis CL, Chakraborty R, Hewett-Emmett D (1985). How much variability in apolipoprotein AII concentration is explained by polymorphism adjacent to apo AII

- gene? *Lancet* (letter) i:1339-1340.
- Hanis CL, Ferrell RE, and Schull WJ (1985). Hypertension and sources of blood pressure variability among Mexican-Americans in Starr County, Texas. *Intl J Epidemiol* 14:231-238.
- Hanis CL, Ferrell RE, Tulloch BR, and Schull WJ (1985). Gallbladder disease epidemiology in Mexican Americans in Starr County, Texas. *Am J Epidemiol* 122:820-829.
- Stunkard A, Sorensen TIA, Hanis CL, Teasdale TW, Chakraborty R, Schull WJ, and Schulsinger F (1986). An adoption study of human obesity. *New Engl J Med* 314:193-198.
- Barton SA, Hanis CL, and Schull WJ (1986). Fertility characteristics of Mexican Americans participating in the Starr County, Texas studies. *Border Health* vol II:16-26.
- Hanis CL, Chakraborty R, Ferrell RE, and Schull WJ (1986). Individual admixture estimates: Disease associations and individual risk of diabetes and gallbladder disease among Mexican Americans in Starr County, Texas. *Am J Phys Anthro* 70:433-441.
- Stunkard A, Sorensen TIA, Hanis CL, Teasdale TW, Chakraborty R, Schull WJ, and Schulsinger F (1986). Adoption study of obesity (Letter). *New Engl J Med* 315:130.
- Barton SA, Hanis CL, and Schull WJ (1987). Diabetes and gallbladder disease among Mexican-Americans in Starr County, Texas. *Border Health* (accepted subject to revision).
- Reichley KB, Mueller WH, Hanis CL, Tulloch BR, Garcia CA, and Schull WJ (1987). Centralized obesity and cardiovascular risk factors in Mexican Americans from Starr County, Texas. *Am J Epidemiol* 125:373-386.
- Bahhage FS, Mueller WH, Hanis CL, Barton SA, and Schull WJ (1987). Socioeconomic status, obesity and non-insulin dependent diabetes in Mexican Americans in Starr County, Texas. *The Ecology of Food and Nutrition* 20:163-170.
- Chakraborty R and Hanis CL (1987). Nonrandom sampling in human genetics: skewness and kurtosis. *Genet Epidemiol* 4:87-101, 1987.
- Mueller WH, Weir M, Barton SA, Hanis CL, and Schull WJ (1987). Body circumferences as alternatives to skinfold measurements of body fat distribution in Mexican-Americans. *Intl J Obesity* 11:309-318.
- Chakraborty R and Hanis CL (1987). Nonrandom sampling in human Genetics: Estimation of familial correlations, model testing and interpretation. *Statistics in Medicine* 6:629-646.
- Samet JM, Coultas DB, Howard CA, Skipper BJ, and Hanis CL (1988). Diabetes, gallbladder disease, obesity and hypertension among Hispanics in New Mexico. *Am J Epidemiol* 128:1302-1311.
- Schull WJ and Hanis CL (1990). Genetics and public health in the 1990s. *Ann Rev Publ Health* 11:105-125.
- Chakraborty R, Boerwinkle E, Hanis CL (1990). Effect of a marker locus on the variability of a quantitative trait. *Am J Hum Genet* (accepted subject to revision).
- Kohl HW, McPherson RS, Hanis CL, Garcia G, Nichaman MZ (1990). Methods for the validity assessment of dietary intake instruments. *Epidemiol* (submitted).
- Hanis CL, Bertin TK (1990). Identification of an insulin receptor exon 8 *Nsi*I polymorphism using the polymerase chain reaction. *Nucl Acids Res* 18:5923.
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