

CURRICULUM VITAE

Chun Li

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Personal Information

Business Address: Center for Human Genetics Research
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<http://biostat.mc.vanderbilt.edu/ChunLi>

Education

B.A. in Mathematical Statistics, Nankai University 1992
M.S. in Statistics, Ohio State University 1998
Ph.D. in Biostatistics, University of Michigan 2002
Dissertation: "Association Methods for Mapping Genes for Complex Diseases"
Advisor: Michael Boehnke, Ph.D.

Professional Experience

Teaching Assistant, Department of Statistics, Ohio State University 1996-1998
Research Assistant, Department of Biostatistics, University of Michigan 1998-2002
Assistant Professor, Department of Molecular Physiology and Biophysics,
Vanderbilt University 2002-2004
Investigator, Center for Human Genetics Research, Vanderbilt University 2002-Present
Director, Genetic Data Analysis Core, Vanderbilt Center for Human Genetics Research 2003-2005
Assistant Professor, Department of Biostatistics, Vanderbilt University 2004-Present

Award

Oswald T. Avery Teacher of the Year 2005-2006
From Vanderbilt University Ph.D. Program in Human Genetics

Software

GWAsimulator: A program that simulates genotype data from SNP chips. It implements a rapid moving-window algorithm to simulate whole genome case-control or population samples. Freely available at <http://biostat.mc.vanderbilt.edu/GWAsimulator>

GIST (Genotype-IBD Sharing Test): A software package testing if marker genotype can account in part for the evidence of linkage in the marker region. Freely available at <http://biostat.mc.vanderbilt.edu/GIST>

Professional Memberships

American Society of Human Genetics
American Statistical Association
Institute of Mathematical Statistics
International Biometric Society
International Genetic Epidemiology Society

Academic Activities

Organizer, Statistical and Computational Genetics Journal Club, Vanderbilt University, 2003-Present

Member, Ph.D. Search Committee, Department of Biostatistics, Vanderbilt University, 2004-Present

Manuscript review for

American Journal of Epidemiology (2007),
American Journal of Human Genetics (2002-2004),
American Journal of Respiratory and Critical Care Medicine (2004),
Annals of Human Genetics (2003-2005, 2007),
Annals of Neurology (2007),
Cancer Informatics (2006),
Circulation (2005),
Diabetes (2006-2007),
Genetic Analysis Workshop 14 (2005), 15 (2007),
Genetic Epidemiology (2003, 2006, 2008),
Genetics (2004),
Genome Research (2005),
Genomics (2003),
Human Heredity (2001-2005, 2007),
Molecular Diagnosis & Therapy (2008),
Neuropsychiatric Genetics (2003),
Obesity (2007),
Pacific Symposium on Biocomputing (2004),
Science (2001)

Grant review for

National Institute of Child Health and Human Development (NICHD, 10/17/2003),
American Diabetes Association (ADA, 2004),
National Heart, Lung, and Blood Institute (NHLBI, 10/20/2005),
Vanderbilt Kennedy Center for Research on Human Development (VKC, 2006),
National Heart, Lung, and Blood Institute (NHLBI, HLBP study section, 04/16/2007)

Book proposal review for

Oxford University Press (2008)

Member, Core Advisory Board, Vanderbilt Center for Human Genetics Research, 2003-2005

Secretary, Middle Tennessee Chapter, American Statistical Association, 2004-2005

President, Middle Tennessee Chapter, American Statistical Association, 2005-2006

Organizer, Mini-Symposium on Statistical Genetics, SIAM Conference on Discrete Mathematics, June 13, 2004, Nashville, Tennessee

Chair, Session on Imaging of Brain Activity, IBS/ENAR meeting, March 22, 2005, Austin, Texas

Chair, Ph.D. Candidacy Committee for Ms. Rebecca Lynn Zuvich (advisor Haines), 2007

Teaching Experience

Course Instructors:

Tutorials in Human Genetics, Spring, 2005 (with Marylyn Ritchie), 2007 (with Marylyn Ritchie and Dana Crawford)

Organize student presentation on key methodology papers in statistical genetics, and provide comments and feedback to students.

Tutorials in Statistical and Population Genetics (MPB 371), Spring, 2008 (with Dana Crawford)

Organize student presentation on review papers in statistical and molecular genetics, and provide comments and feedback to students. (Note: Compared to earlier years, although the course title appeared to be more focused, the scope was actually more expanded.)

Statistics for Biomedical Research (IGP 304), Spring, 2006

<http://biostat.mc.vanderbilt.edu/IntroBiostatCourse2006>

(Note: I was awarded Teacher of the Year by the Ph.D. Program in Human Genetics for this course.)

Statistics for Biomedical Research (IGP 304), Spring, 2007 (with Leena Choi)

<http://biostat.mc.vanderbilt.edu/IntroBiostatCourse2007>

Lectures:

Human Genetics (MPB 340), Spring, 2004

Lectures on population genetics and linkage analysis

Statistical Thinking in Biomedical Research (short course series), October 28, 2004

Lecture on experimental design and analyzing serial measurements

Bioregulation (IGP 300), Fall, 2005, 2006

One lecture on “Experimental Design and Analyzing Serial Measurements”

Human Genetics (MPB 341), Spring, 2005-2008

Five lectures on population genetics and quantitative trait locus analysis

Student

Mame Diop

Initiative for Minority Student Development (IMSD) program (2004-2005)

Currently a graduate student in the Department of Epidemiology, University of Washington

Major Fields of Academic Interest

Human genetics: Genetic and physical mapping of genes for complex diseases

Genetics of diabetes: Underlying genetic mechanism of various forms of diabetes and its complications, especially diabetic retinopathy

Statistics / biostatistics: Statistical genetics, statistical computing, statistical theory and its applications, statistics education

Grants

Pending grant:

Developing Statistical Methods for Disease Gene Discovery (PI Chun Li; R01), 1R01HG004517-01A1, NIH/NHGRI, 07/01/2008-06/30/2013.

Genetics of Diabetic Retinopathy (PI Chun Li; R21), 1R21EY018924-01A1, NIH/NEI, 11/01/2008-10/31/2010.

Past grants:

Developing New Statistical Methodologies for Human Genetics Studies (PI Chun Li), Vanderbilt Center for Human Genetics Research, 07/01/2005-06/30/2006. 5% effort. \$20,000 direct cost.

The Genetics of Diabetic Retinopathy (PI Chun Li), Vanderbilt Center for Human Genetics Research, 07/01/2005-06/30/2006. 5% effort. \$30,000 direct cost.

New Statistical Methods for Diabetes Genetics Studies (PI Chun Li), Vanderbilt Diabetes Center, 04/01/2003-03/31/2005. 25% effort. \$80,000 direct cost.

Publications

1. Ghosh S, Watanabe RM, Valle TT, Hauser ER, Magnuson VL, Langefeld CD, Ally DS, Mohlke KL, Silander K, Kohtamäki K, Chines P, Balow J, Birznieks G, Chang J, Eldridge W, Erdos MR, Karanjawala ZE, Knapp JI, Kudelko K, Martin C, Morales-Mena A, Musick A, Musick T, Pfahl C, Porter R, Rayman JB, Rha D, Segal L, Shapiro S, Sharaf R, Shurtleff B, So A, Tannenbaum J, Te C, Tovar J, Unni A, Welch C, Whiten R, Witt A, Blaschak-Harvan J, Douglas JA, Duren WL, Epstein MP, Fingerlin TE, Kaleta HS, Lange EM, **Li C**, McEachin RC, Stringham HM, Trager E, White PP, Eriksson J, Toivanen L, Vidgren G, Nylund SJ, Tuomilehto-Wolf E, Ross EH, Demirchyan E, Hagopian WA, Buchanan TA, Tuomilehto J, Bergman RN, Collins FS, Boehnke M (2000) The Finland-United States investigation of non-insulin-dependent diabetes mellitus genetics (FUSION) Study. I. An autosomal genome scan for genes that predispose to type 2 diabetes. *American Journal of Human Genetics* 67:1174-1185 (PMID: 11032783)
2. Watanabe RM, Ghosh S, Langefeld CD, Valle TT, Hauser ER, Magnuson VL, Mohlke KL, Silander K, Ally DS, Chines P, Blaschak-Harvan J, Douglas JA, Duren WL, Epstein MP, Fingerlin TE, Kaleta HS, Lange EM, **Li C**, McEachin RC, Stringham HM, Trager E, White PP, Balow J, Birznieks G, Chang J, Eldridge W, Erdos MR, Karanjawala ZE, Knapp JI, Kudelko K, Martin C, Morales-Mena A, Musick A, Musick T, Pfahl C, Porter R, Rayman JB, Rha D, Segal L, Shapiro S, Sharaf R, Shurtleff B, So A, Tannenbaum J, Te C, Tovar J, Unni A, Welch C, Whiten R, Witt A, Kohtamäki K, Ehnholm C, Eriksson J, Toivanen L, Vidgren G, Nylund SJ, Tuomilehto-Wolf E, Ross EH, Demirchyan E, Hagopian WA, Buchanan TA, Tuomilehto J, Bergman RN, Collins FS, Boehnke M (2000) The Finland-United States investigation of non-insulin-dependent diabetes mellitus genetics (FUSION) Study. II. An autosomal genome scan for

diabetes-related quantitative-trait loci. *American Journal of Human Genetics* 67:1186-1200 (PMID: 11032784)

3. **Li C**, Scott LJ, Boehnke M (2004) Assessing whether an allele can account in part for a linkage signal: The Genotype-IBD Sharing Test (GIST). *American Journal of Human Genetics* 74:418-431 (PMID: 14872409) (Software at <http://biostat.mc.vanderbilt.edu/GIST>)
4. Silander K, Scott LJ, Valle TT, Mohlke KL, Stringham HM, Wiles KR, Duren WL, Doheny KF, Pugh EW, Chines P, Narisu N, White PP, Fingerlin TE, Jackson AU, **Li C**, Ghosh S, Magnuson VL, Colby K, Erdos MR, Hill JE, Hollstein P, Humphreys KM, Kasad RA, Lambert J, Lazaridis KN, Lin G, Morales-Mena A, Patzkowski K, Pfahl C, Porter R, Rha D, Segal L, Suh YD, Tovar J, Unni A, Welch C, Douglas JA, Epstein MP, Hauser ER, Hagopian W, Buchanan TA, Watanabe RM, Bergman RN, Tuomilehto J, Collins FS, Boehnke M; Finland-United States Investigation of NIDDM Genetics (FUSION) (2004) A large set of Finnish affected sibling pair families with type 2 diabetes suggests susceptibility loci on chromosomes 6, 11, and 14. *Diabetes* 53:821-829 (PMID: 14988269)
5. Silander K, Mohlke KL, Scott LJ, Peck EC, Hollstein P, Skol AD, Jackson AU, Deloukas P, Hunt S, Stavrides G, Chines PS, Erdos MR, Narisu N, Conneely KN, **Li C**, Fingerlin TE, Dhanjal SK, Valle TT, Bergman RN, Tuomilehto J, Watanabe RM, Boehnke M, Collins FS (2004) Genetic variation near the hepatocyte nuclear factor-4 alpha gene predicts susceptibility to type 2 diabetes. *Diabetes* 53:1141-1149 (PMID: 15047633)
6. Ren Z, Cai Q, Shu XO, Cai H, **Li C**, Yu H, Gao YT, Zheng W (2004) Genetic polymorphisms in the IGFBP3 gene: Association with breast cancer risk and blood IGFBP-3 protein levels among Chinese women. *Cancer Epidemiology, Biomarkers & Prevention* 13:1290-1295 (PMID: 15298948)
7. McCauley JL, **Li C**, Jiang L, Olson LM, Crockett G, Gainer K, Folstein SE, Haines JL, Sutcliffe JS (2005) Genome-wide and ordered-subset linkage analyses provide support for autism loci on 17q and 19p with evidence of phenotypic and interlocus genetic correlates. *BMC Medical Genetics* 6:1 (PMID: 15647115)
8. Epstein MP, Veal CD, Trembath RC, Barker JN, **Li C**, Satten GA (2005) Genetic association analysis using data from triads and unrelated subjects. *American Journal of Human Genetics* 76:592-608 (PMID: 15712104)
9. Sutcliffe JS, Delahanty RJ, Prasad HC, McCauley JL, Han Q, Jiang L, **Li C**, Folstein SE, Blakely RD (2005) Allelic heterogeneity at the serotonin transporter locus (*SLC6A4*) confers susceptibility to autism and rigid-compulsive behaviors. *American Journal of Human Genetics* 77:265-279 (PMID: 15995945)
10. **Li C**, Boehnke M (2006) Haplotype association analysis for late onset diseases using nuclear family data. *Genetic Epidemiology* 30:220-230 (PMID: 16470533)
11. Kurnik D, Muszkat M, **Li C**, Sofowora GG, Solus J, Xie HG, Harris PA, Jiang L, McMunn C, Ihrie P, Dawson EP, Williams SM, Wood AJJ, Stein CM (2006) Variations in the α_{2A} -adrenergic receptor gene and their functional effects. *Clinical Pharmacology & Therapeutics* 79:173-185 (PMID: 16513442)
12. O'Day DM, **Li C** (2006) The failure rate of candidates for board certification: An educational outcome measure. *Transactions of the American Ophthalmological Society* 104:129-142 (PMID: 17471333)

13. Yi Y, **Li C**, Miller C, George AL (2007) Strategy for encoding and comparison of gene expression signatures. *Genome Biology* 8:R133 (PMID: 17612401)
14. Statnikov A, **Li C**, Aliferis CF (2007) Effects of environment, genetics and data analysis pitfalls in an esophageal cancer genome-wide association study. *PLoS ONE* 2(9):e958 (PMID: 17895998)
15. **Li C**, Li M, Lange EM, Watanabe RM (2008) Prioritized subset analysis: Improving power in genome-wide association studies. *Human Heredity* 65:129-141 (PMID: 17934316)
16. **Li C**, Li M (2008) GWAsimulator: A rapid whole genome simulation program. *Bioinformatics* 24:140-142 (PMID: 18006546) (Software at <http://biostat.mc.vanderbilt.edu/GWAsimulator>)
17. Leon A, Donahue SP, Morrison DG, Estes RL, **Li C** (2008) The age-dependent effect of anisometropia magnitude on anisometropic amblyopia severity. *Journal of AAPOS* 12:150-156 (PMID: 18155938)
18. Recchia FM, Chen E, **Li C**, Maguluri S (2008) Use of COX-2 inhibitors in patients with retinal venous occlusive disease. *Retina* 28:134-137 (PMID: 18185149)
19. Cai Q, Kataoka N, **Li C**, Wen W, Smith JR, Gao YT, Shu XO, Zheng W (2008) Haplotype analyses of *CYP19A1* gene variants and breast cancer risk: Results from the Shanghai Breast Cancer Study. *Cancer Epidemiology, Biomarkers & Prevention* 17:27-32 (PMID: 18199708)
20. Li M*, **Li C***, Guan W (2008) Evaluation of coverage variation of SNP chips for genome-wide association studies. *European Journal of Human Genetics* 16:635-643 (Detailed results at <http://biostat.mc.vanderbilt.edu/SNPChipCoverage>) (* **co-first author**) (PMID: 18253166)
21. **Li C**, Li M, Long JR, Cai Q, Zheng W (2008) Evaluating cost efficiency of SNP chips in genome-wide association studies. *Genetic Epidemiology* (in press) (Detailed results at <http://biostat.mc.vanderbilt.edu/SNPChipCostEfficiency>) (PMID: 18271056)
22. Menon R, Thorsen P, Vogel I, Jacobsson B, Morgan N, Jiang L, **Li C**, Williams SM, Fortunato SJ (2008) Racial disparity in amniotic fluid concentrations of tumor necrosis factor (TNF)-alpha and soluble TNF receptors in spontaneous preterm birth. *American Journal of Obstetrics and Gynecology* (in press) (PMID: 18279834)
23. Schwarz UI, Ritchie MD, Bradford Y, **Li C**, Dudek SM, Frye-Anderson A, Kim RB, Roden DM, Stein CM (2008) Genetic determinants of response to warfarin during initiation of anticoagulation. *New England Journal of Medicine* 358:999-1008 (PMID: 18322281)
24. Jiang S, Moriarty-Craige SE, **Li C**, Lynn MJ, Cai J, Jones DP, Sternberg P (2008) Associations of plasma-soluble Fas ligand with aging and age-related macular degeneration. *Investigative Ophthalmology & Visual Science* 49:1345-1349 (PMID: 18385048)
25. O'Day DM, **Li C** (2008) First-time failure rates of candidates for board certification: An educational outcome measure. *Archives of Ophthalmology* 126:548-553 (PMID: 18413528) (**Associated Editorial** by John G. Clarkson, *Arch Ophthalmol.* 2008, 126:562-563)
26. Statnikov A, **Li C**, Aliferis CF (2008) A statistical reappraisal of the findings of an esophageal cancer genome-wide association study. (Letter to the Editor) *Cancer Research* 68:3074-3075 (PMID: 18413779)
27. Parbhu KC, Galler KE, **Li C**, Mawn LA (2008) Underestimation of soft tissue entrapment by computed tomography in orbital floor fractures in the pediatric population. *Ophthalmology* (in press) (PMID: 18440640)

28. Li M, **Li C** (2008) Assessing departure from Hardy-Weinberg equilibrium in the presence of disease association. *Genetic Epidemiology* (in press)
29. Ryckman KK, Jiang L, **Li C**, Haines JL, Williams SM (2008) A prevalence based association test for case-control studies. *Genetic Epidemiology* (in press)

Book Chapter

30. **Li C** (2005) Detecting gene-gene interaction in linkage analysis. In *Current Protocols in Human Genetics*, edited by Dracopoli NC, Haines JL, Korf BR, Morton CC, Seidman CE, Seidman JG, Smith DR. Chapter 1, Unit 1.15. John Wiley & Sons (PMID: 18428369)

Manuscripts Submitted

31. Beeghly-Fadiel A, Long JR, Gao YT, **Li C**, Qu S, Cai Q, Zheng Y, Ruan ZX, Levy S, Deming S, Snoddy J, Shu XO, Lu W, Zheng W (2008) Common MMP-7 polymorphisms and breast cancer susceptibility: a multi-stage study of association and functionality. To *Cancer Research* (reviewed, revision submitted)
32. Kurnik D, **Li C**, Sofowora GG, Friedman EA, Muszkat M, Xie H-G, Harris PA, Williams SM, Nair UB, Wood AJJ, Stein CM (2008) β_1 -adrenoceptor genetic variants and ethnicity independently affect response to β -blockade. To *Pharmacogenetics and Genomics* (reviewed, revision to be submitted)
33. Campbell DB, **Li C**, Sutcliffe JS, Persico AM, Levitt P (2008) Genetic evidence implicating multiple genes in the MET receptor tyrosine kinase pathway in autism spectrum disorder. To *Autism Research* (reviewed, revision to be submitted)
34. Joos KM, **Li C**, Calkins DJ (2007) Short-term intermittent elevations in intraocular pressure induce morphometric changes in the rat optic nerve. To *Investigative Ophthalmology & Visual Science*
35. **Li C**, Li M (2007) Case-only analysis ignoring control genotypes is efficient for detecting gene-gene interactions in case-control association studies. To *Genetic Epidemiology*
36. Beeghly-Fadiel AC, Long JR, Gao YT, **Li C**, Cai Q, Cai H, Snoddy J, Shu XO, Zheng W (2008) MMP-7 polymorphisms and breast cancer survival: a report from the Shanghai Breast Cancer Study. To *Journal of Clinical Oncology*
37. Li M, Wang K, Grant S, Hakonarson H, **Li C** (2008) A powerful multipoint association test using optimally weighted markers. To *Genetic Epidemiology*
38. Parl FF, Crooke PS, **Li C**, Egan KM (2008) Estrogen exposure, metabolism, and enzyme variants in a model for breast cancer risk prediction. To *Cancer Causes and Control*

Seminars

Association Analysis for Mapping Genes Using Affected Sibships

February 5, 2002 Department of Statistics, University of California, Berkeley, California
 February 14, 2002 Program in Human Genetics, Department of Molecular Physiology and
 Biophysics, Vanderbilt University, Nashville, Tennessee

- February 18, 2002 Division of Statistical Genetics, Department of Biostatistics, University of Iowa, Iowa City, Iowa
- February 21, 2002 Division of Biostatistics, Washington University, St. Louis, Missouri
- February 25, 2002 Department of Biostatistics, University of North Carolina, Chapel Hill, North Carolina
- March 4, 2002 Department of Human Genetics, Emory University, Atlanta, Georgia
- March 27, 2002 Division of Biostatistics, Department of Preventive Medicine, University of Southern California, Los Angeles, California
- April 18, 2002 Department of Human Genetics, Genome Therapeutics Corporation, Waltham, Massachusetts

Design and Data Analysis for Genetic Studies for Complex Diseases

- January 30, 2003 Program in Human Genetics, Vanderbilt University, Nashville, Tennessee

Allele-Sharing Linkage Analysis on Subsets of Families Stratified Based on an Associated Allele

- April 17, 2003 Division of Biostatistics, Vanderbilt-Ingram Cancer Center, Nashville, Tennessee

Connecting Linkage and Association Results: The Genotype-IBD Sharing Test (GIST)

- October 5, 2004 Section on Biostatistics, Department of Public Health Sciences, Wake Forest University, Winston-Salem, North Carolina

Evaluation of Ophthalmology Residency Training Programs in the U.S.: Rank them or not?

- May 25, 2005 Department of Biostatistics, Vanderbilt University, Nashville, Tennessee

A Discussion of Bayesian and Frequentist Statistics

- June 15, 2005 Department of Biostatistics, Vanderbilt University, Nashville, Tennessee
Co-Presenter: Dr. Sebastien Haneuse

Association Analysis in Human Genetics Studies

- July 26, 2006 Kennedy Center for Research on Human Development, Vanderbilt University, Nashville, Tennessee

Issues in Genome-Wide Association Studies

- October 24, 2006 Center for Health Services Research, Vanderbilt University, Nashville, Tennessee

What is Interaction? & A New Approach to Detecting Gene-Gene Interactions in Case-Control Studies

- May 23, 2007 Department of Biostatistics, Vanderbilt University, Nashville, Tennessee

What is Interaction for A Binary Outcome?

- September 19, 2007 Kennedy Center for Research on Human Development, Vanderbilt University, Nashville, Tennessee

Issues in Genome-wide Association Studies: Coverage, Efficiency, and Prioritized Subset Analysis

- February 12, 2008 Department of Biostatistics and Epidemiology, University of Pennsylvania, Philadelphia, Pennsylvania

Coverage Variation and Cost Efficiency in Genome-wide Association Studies

- April 1, 2008 Vanderbilt Epidemiology Center, Institute for Medicine and Public Health, Vanderbilt University, Nashville, Tennessee

Genome-wide Association Studies: Coverage, Efficiency, and Prioritized Subset Analysis

- April 14, 2008 Shanghai Cancer Institute, Shanghai, China

Coverage Variation and Cost Efficiency in Genome-wide Association Studies

April 16, 2008 Department of Bioinformatics and Biostatistics, Shanghai Jiao Tong University, Shanghai, China

Empirical Bayes in Action: Evaluation of Ophthalmology Residency Training Programs in the U.S.

April 17, 2008 Department of Statistics, Nankai University, Tianjin, China

Invited Talks/Lectures at Conferences/Workshops

Genetic Analysis of Quantitative Traits

April 6, 2004 Genetic Analysis of Complex Human Diseases Workshop, April 4-7, 2004, Duke University, Durham, North Carolina

May 17, 2005 Genetic Analysis of Complex Human Diseases Workshop, May 15-18, 2005, Duke University, Durham, North Carolina

June 14, 2006 Genetic Analysis of Complex Human Diseases Workshop, June 12-15, 2006, Duke University, Durham, North Carolina

May 6, 2008 Genetic Analysis of Complex Human Diseases Workshop, May 5-8, 2008, University of Miami, Miami, Florida

Genetic Linkage Analysis

May 5, 2008 Genetic Analysis of Complex Human Diseases Workshop, May 5-8, 2008, University of Miami, Miami, Florida

Connecting Linkage and Association Results: An Integration

June 13, 2004 Society for Industrial and Applied Mathematics, Nashville, Tennessee

Genome-Wide Association Studies: Issues and Approaches

August 21, 2006 Conference on Analysis of Complex Data Sets, Nashville, Tennessee

Presentations at Meetings

Allele-Sharing Linkage Analysis on Subsets of Families Stratified Based on an Associated Allele

August 6, 2003 Joint Statistical Meetings, San Francisco, California

Haplotype Association Analysis for Late Onset Diseases Using Nuclear Family Data

November 4, 2003 International Genetic Epidemiology Society, Redondo Beach, California

A Uniform Measure of Linkage Disequilibrium for Markers with Two or More Alleles

March 31, 2004 International Biometric Society (Eastern North American Region), Pittsburgh, Pennsylvania

Combining Evidence from Linkage and Association Studies Using Dempster-Shafer Theory

March 21, 2005 International Biometric Society (Eastern North American Region), Austin, Texas

ArrayBLAST: Data Mining Tool for Gene Expression Signatures

March 29, 2006 International Biometric Society (Eastern North American Region), Tampa, Florida

Prioritized Subset Analysis in Genome-wide Association Studies

October 12, 2006 American Society of Human Genetics, New Orleans, Louisiana

Other Talks

Genetic Data Analysis and the Genetic Data Analysis Core

December 17, 2004 GCRC Research Skills Workshop Series, Vanderbilt University, Nashville,
Tennessee

Association Analysis in Human Genetics Studies

November 16, 2006 MS Statisticians meeting, Department of Biostatistics, Vanderbilt University

Haplotype Analysis

May 17, 2007 MS Statisticians meeting, Department of Biostatistics, Vanderbilt University