CURRICULUM VITAE

Karen A. Weissbecker

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ACADEMIC DATA

Education

B.A. - 1982	University of Virginia (UVa), B.A., Biology
Ph.D. - 1988	Medical College of Virginia, (MCV), Virginia Commonwealth Univ. Ph.D., Human Genetics Advisor: Walter Nance, M.D., Ph.D.

Professional Employment

1988 - 1990	NIH Postdoctoral Fellow, University of California, Los Angeles (UCLA) Medical Genetics Training Fellowship. Mentor: M. Anne Spence, Ph.D.
Feb. - June, 1990	Research Associate, UCLA, Departments of Neurology and Ophthalmology
June,1990 - Feb,1992	NIH Postdoctoral Fellow, Louisiana State University (LSU) Department of Biometry and Genetics. Mentor: Robert C. Elston, Ph.D.
Sept., 1990	American Board of Medical Genetics, Diplomate Certified in Medical Genetics
Feb.,1992 - June, 1994	Instructor, LSU Department of Biometry and Genetics
Dec., 1994 - Dec., 1995	Adjunct Assistant Professor, Tulane University School of Medicine Department of Psychiatry and Neurology
July, 1994 - 1996	Assistant Professor, Louisiana State University Department of Biometry and Genetics
Jan, 1996 – present	Adjunct Assistant Professor, Louisiana State University Departments of Genetics and Pediatrics
March, 1994 - present	Co-Director, Children's Hospital Neurofibromatosis Clinic LSU, Department of Pediatrics
Oct., 1997- present	Adjunct Assistant Professor, Tulane University School of Public Health and Tropical Medicine, Department of International Health and Development.
Jan., 1996 - present	Research Assistant Professor, Tulane University School of Medicine Department of Psychiatry and Neurology, and the Hayward Genetics Program

Other Professional Experience

1994 - 1997	Faculty Member, LSUMC Human and Molecular Genetics Center of Excellence
1995 - 1996	Member, Departmental Computer Equipment Committee, LSUMC
1996	Graduate Faculty, School of Graduate Studies, LSUMC
1997- 2000	Member, Ph.D Medical Genetics Committee for the 1999 American Board of Medical Genetics Certification Examination
1997 - present	Archivist for International Genetic Epidemiology Society (IGES)
1998 - present	Member, Departmental Graduate Student Committee, Hayward Genetics Program
1999 – present	Director of the Genetics Seminar series for the Hayward Genetics Program
2002	Organizing committee for "Medical Symposium on Neurofibromatosis" CME program
2002 – present	Director of Graduate Students, Hayward Genetics Program
2003 – present	Member, Graduate Faculty, Tulane University Graduate School
2003 – present	Founding member, Obsessive Compulsive Foundation Genetics Collaborative

Advisory/Review Committees:

1994 -	Member, NIH Advisory Board for the Third edition of Basic Mechanisms of the Epilepsies, eds. Delgado-Escueta, A.V., Wilson, W., Olsen, R.W., and Porter, R.J.
1999	Scientific Peer Reviewer, Department of Defense (DoD), U.S. Army Medical Research and Materiel Command, Neurofibromatosis Research Program
2000, 2002, 2003	Grant reviewer, NIH, NIGMS Minority Biomedical Research Support (MBRS) Program

Journal Reviewer

1992	American Journal of Medical Genetics; Genomics
1994	Neuropsychiatric Genetics section of the American Journal of Medical Genetics
1995	Pediatric Nephrology; Neurology
1996	Epilepsia, Neuropsychiatric Genetics, section of the American Journal of Medical Genetics
1997	Neuropsychiatric Genetics, section of the American Journal of Medical Genetics, Neurology
1998	Neuropsychiatric Genetics, section of the American Journal of Medical Genetics, Neurology
1999	Neuropsychiatric Genetics, section of the American Journal of Medical Genetics, American Journal of Human Genetics, Neurology
2000	Neuropsychiatric Genetics, section of the American Journal of Medical Genetics, Neurology
2001	Neurology, CNS Spectrum
2002	Neurology
2004	Neurology

Awards/Fellowships

Phillip Morris Inc. Undergraduate Achievement Scholarship, 1978 -1982
Intermediate Academic Honors, U.Va., 1980
Phi Sigma Biology Honor Society, U.Va., 1980
NSF Undergraduate Research Fellowship, Summer, 1981
Roscoe D. Hughes Predoctoral Fellowship in Human Genetics, 1986
Louisiana Education Quality Support Fund Awardee, 1994 (declined)

Professional Organizations

America Society of Human Genetics, 1982 - present
Sigma Xi Research Society, Full member, 1985 - present
American Association for the Advancement of Science, 1991 - present
International Genetic Epidemiology Society, Founding member, 1992 - present
American College of Medical Genetics, Founding Fellow, 1993 - present
National Neurofibromatosis Foundation, member, 1994 - present
International Society of Psychiatric Genetics, member, 1996 – present
Tourette Syndrome Association, member, 2000 – present
Obsessive Compulsive Foundation, Professional member, 1999 – present
Obsessive Compulsive Foundation Genetics Collaborative, Founding member 2003 - present

Clinical Experience

1983 - 1984	Genetic Counseling Clinic, Medical College of Virginia
1988 - 1989	Tay Sachs Clinic, UCLA
1988 - 1990	Genetic Counseling Clinic, UCLA
1988 - 1990	Cleft Lip and Palate Clinic, Rancho Los Amigos, Los Angeles
1990	Jules Stein Ophthalmology Dept., UCLA, Retinitis Pigmentosoa Clinic
1994 - 1995	Genetics Clinic, Children's Hospital, New Orleans
1994 - present	Co-Director, Children's Hospital Neurofibromatosis Clinic

Students Advised:

Pornprot Limprasert - Member of Ph.D. dissertation committee, graduated LSU, Dec. 1995
Katie Hanson - Member of M.S. thesis committee, graduated LSU, Dec. 1995
Diptasri Mandal - Member of Ph.D. dissertation committee, graduated LSU, Dec, 1996
Smita Premkumar - Member of Ph.D. dissertation committee, graduated LSU, Dec, 1996
Janice Prist - Member of Ph.D. dissertation committee, graduated LSU, Dec, 1996
Browyn Westling - Chair of M.S. thesis committee, graduated, Aug, 1997
Soojin Kim - Supervisor of "capstone" research project. Tulane Univ. School of Public Health, 1997
Nathan Markward - Supervisor of "capstone" research project. Tulane School of Public Health, 1997
Christina Macias Justice - Member of Ph.D. dissertation committee. graduated LSU, Dec, 1998
Elliot Dimberg - Supervisor of research project. Tulane Univ. School of Medicine, 1999
Jennifer Bramer O'Conner – Supervisor, M.S. research project, Tulane Univ. School of Medicine, 2002
Larry Chan – Supervisor, M.S. thesis, Tulane Univ., Hayward Genetics Program, 2003
Mailekaluhea Ahuna – Supervisor, M.S. thesis, Tulane Univ., Hayward Genetics Program, 2003
Tara Turley - Member of Ph.D. dissertation committee, (LSU)
Matthew Comeaux – Supervisor, lab rotation, Tulane University, Hayward Genetics Program, 2003
Cong Xing Li - Member of Ph.D. dissertation committee (Tulane, Hayward Genetics Program)

Teaching Experience

1980 - 1981	Laboratory Assistant, Intro. Biology Lab., Uva. (undergraduate students)
1981	Teaching Assistant, Intro. Biology, UVa, (prenursing students)
1981 - 1982	Tutor, Intro. Biology course, UVa, (premedical students)

Teaching Experience (continued):

1983 - 1986 Lecturer, "Cell Biology", MCV, (first year medical students) - 3 lectures
1984 - 1986 Lecturer, "Dental Genetics", MCV, (first year dental students) - 3 lectures
1984 - 1986 Lecturer, "Linkage Analysis", Intro. Human Genet, MCV, (undergrad/graduate students)
1984 Course director, (lecturer, 1983, 1985, 1986), "Human Genetics", (high school program)
1989 Lab director, "Mathematical Modeling in Human Genetics", UCLA. (graduate students)
1990 Lecturer, Human Genetics course, University of California, Irvine, (graduate students)
1992 - 1995 Instructor, "Statistical Methods in Human Genetics", LSU (graduate students)
1994 Instructor, "Advanced Topics in Genetics-Linkage", LSU (graduate students)
1996 - present Lecturer, "Human Genetics", Tulane Medical School (medical students) - 4 lectures
1997 Guest lecturer, "Genetic Epidemiology of Mental Illness"; and "Epidemiology of OCD" - in "Epidemiology of Mental Illness", Tulane School of Public Health (graduate students)
2000, '01,'04 Co-director "Seretonin and Human Behavior" Medical School elective (medical students)
2000 - 2002 T-2 Human Behavior Small Group facilitator.Tulane Medical School (medical student)
2005 Lecturer, "Foundations in Medicine II: Normal and Abnormal Human Behavior" course. Tulane Medical School (medical students)
1999 - present Co-director, "Population Genetics", Tulane/LSU joint course (graduate students)
2003 Course Director, "Genetic Dissection of Complex Traits", Special Topics course, Tulane School of Medicine (graduate students)

Workshops chaired:

"Is there a fast track to mapping human epilepsy genes?" Workshop at the Third International Symposium and Workshops: Basic Mechanisms of the Epilepsies, San Diego, CA, April, 1996.

"Psychiatric Genetics: progress and promise?" Educational Workshop. Co-organizer and moderator, American Society of Human Genetics, Los Angeles CA, November, 2003.

Invited Addresses and seminars :

"Polymorphism" - to Advanced Human Genetics, graduate course, MCV, 1984.
"Hemoglobinopathies" - to Advanced Human Genetics, graduate course, MCV, 1984 - 1986.
"Career opportunities in genetics" - to Intro. Biology course, JS Reynolds Community College, 1985.
"Genetic disorders in man" - to Sr. nursing class, Richmond Memorial Hospital, 1985, 1986.
"Genetic and biochemical study of biotinidase activity" - Yale Univ. Pop. Genetics Group, 1987 and UCLA, Harbor Med. Center, Division of Med. Genetics, 1987.
"Linkage analysis of Juvenile Myoclonic Epilepsy" - MCV Alumni Symposium, 1989, Indiana Univ., Dept. of Genetics, 1990, Univ. of Minn., Institute of Human Genetics, 1990 and Univ. of Maryland, Dept. of Human Genetics, 1990.
"Psychiatric and behavioral genetics" - Psychiatric Residents, Harbor, UCLA, 1989.
"Genetic analysis of epilepsy syndromes" - Tulane Univ. School of Med., Hayward Genetics Program, Spring, 1994.
"Genetic aspects of Neurofibromatosis" - Children's Hospital, New Orleans, 1994
"The Genetics of Obsessive-Compulsive Disorder" - Robert G. Heath Lectureship, Tulane Univ., 1994.
"New research in Neurofibromatosis" - LA Chapter of National Neurofibromatosis Foundation, 1995.

Invited Addresses and seminars (continued):

"Medical Genetics - Psychiatry" - Third Annual Yale/Ochsner Comprehensive Review of Psychiatry and Neurology, New Orleans, Sept., 1995; Oct., 1996; Oct., 1997.
"Using LIPED and LODLINK computer programs" - S.A.G.E. annual workshop, 1994; and "Advanced Topics in Genetics-Linkage", LSU Graduate course
"Overview of genetics of the epilepsies" - Third International Symposium and Workshops: Basic Mechanisms of the Epilepsies, San Diego, CA, April, 1996.
"Population genetics for forensic uses" - Forensic Genetics Workshop, Tulane Univ. Dept. of Biochemistry, Nov, 1996, Dec, 1997
"The Genetics of Obsessive-Compulsive Disorder"- seminar, Tulane Univ. Hayward Genetics Program, Dec, 1996.
"OCD and Tourette's syndrome: Genetic implications" - Tulane Univ., Dept of Psychiatry and Neurology, "Obsessive Compulsive Spectrum Disorders" Continuing Education Program, Dec, 1996.
"Issues in Mental Illness and Health Research" (panel discussant) - Contemporary Issues Involving Risks/Benefits in Research meeting, New Orleans, March, 1997.
"Genetics of Psychiatric Disorders" - Manic-Depressive Support Group at DePaul Hosptial, June, 1997.
"Juvenile myoclonic epilepsy with absence linked to chromosome 1p." - Southern Genetic Group meeting, July, 1997.
"The Genetics of Obsessive-Compulsive Disorder" - Grand Rounds, Tulane University, Department of Psychiatry and Neurology, Dec., 1997.
"Neurofibromatosis type 1 - an Update" seminar, Tulane Univ. Hayward Genetics Program, Dec, 1998.
"The Genetics of Obsessive-Compulsive Disorder"- Tulane Med. School Psych. journal club, Feb, 1999.
"Twin Studies" seminar, Tulane Univ. Hayward Genetics Program, Nov, 1999.
"Human Genetics" guest teacher, 3rd through 7th grade, Torah Academy of New Orleans, Dec, 1999.
"A complete genome screen in sib pairs affected by Gilles de la Tourette syndrome" journal club presentation. Tulane Univ. Hayward Genetics Program, Jan., 2000.
"Genetics of Psychiatric Disorders" – Lousiana State Universtity Health Science Center, Psychiatry Residency Program, Oct. 2000, May 2001
"Genetic Epidemiology of Cardiovascular Disease" presented to Graduate students in School of Public Health, course in Cardiovascular Disease Epidemiology, February 2001, 2002
"The genetics of neurofibromatosis" The LA chapter of the National Neurofibromatosis Foundation, March, 2001.
"Understanding research in the genetics of psychiatric disorders" - Manic-Depressive Support Group at DePaul Hosptial, July, 2001.
"Issues and Calculations for Forensic Evidence" seminar, Tulane Univ. Hayward Genetics Program, March, 2001.
"Pharmacogenetics of antipsychotic treatment: Lessons learned from Clozapine" seminar, Tulane Univ. Hayward Genetics Program, January, 2002.
"Genetic Epidemiology and Obsessive-Compulsive" seminar, Tulane Univ. School of Public Health, Department of Epidemiology, March, 2002.
"Update on the genetics studies of Obsessive Compulsive Disorder" seminar, Tulane Univ. Hayward Genetics Program, March, 2003.
"Human Genetic Disease" New Orleans Jewish Day School, fifth grade science class, November 2003.

GRANTS AND CONTRACTS

Present funding:

NIH/NHLBI : Genetic Epidemiology of Blood Pressure Intervention. Principal Investigator: Jiang He, M.D, $5,621,158, direct costs, 10/01/02 - 09/30/06. Role on project: Co-Investigator

Obsessive Compulsive Foundation: Clinical and genetic studies of Obsessive Compulsive Disorder with and without tics. $30,000 direct costs, 7/1/03 – 6/30/04. Role on project: Principal Investigator.(extend through 12/30/04)

Past Funding:

Contract with Jules Puschett, M.D., Tulane University Medical School, Department of Medicine. "Study of the Mechanism of Volume Mediated Hypertension." Supported by the Brown Foundations. Role on project: Co-Investigator 4/01-4/03

NIH/NIMH FIRST award: Family Studies of Obsessive-Compulsive Disorder, Principal Investigator, $349,907 direct costs, 5 years, 6/1/94 -5/31/00.

National Alliance for Research on Schizophrenia and Depression (NARSAD) Young Investigator Award: Comorbidity, Familial Aggregation and the Inheritance of Obsessive-Compulsive Disorder., role on project: Principal Investigator, $60,000 direct costs, 2 years, 07/01/94 - 06/30/97.

NIH/NHLBI grant (HL388-44): Early Natural History of Arterioslcerosis., role on project: Consultant, Principal Investigator: Gerald Berenson, 03/01/92 - 02/28/97.

NIH (Subcontract with UCLA): Clinical and Molecular Genetics of Juvenile Myoclonic, Childhood Absence, and Grand Mal Epilepsies., role on project: Consultant. Principal Investigator: Antonio Delgado-Escueta, $10,689 subcontract direct costs, 1 year, 12/01/94 - 11/30/95.

NIH/NHLBI grant: Major Genes for Cardiovascular Disease Risk Factors., role on project: Research Associate, Principal Investigator: Robert Elston, $44,600, direct costs, 03/01/92 - 03/29/93.

PUBLICATIONS

Original articles in referred journals:

1. Wolf, B., Heard, G.S., Jefferson, L.G., Proud, V.K., Nance, W.E., and **Weissbecker, K.A.**: Clinical Findings in four children with biotinidase deficiency detected through a statewide neonatal screening program. New Eng. J. Med. 313:16-19, 1985.

2. Wolf, B., Heard, G.S., **Weissbecker, K.A.**, McVoy, J.R.S., Grier, R.E., and Leshner, R.T.: Biotinidase deficiency: Initial clinical features and rapid diagnosis. Annals of Neurology 18:614-617, 1985.

3. Heard, G.S., Wolf, B., Jefferson, L.G., **Weissbecker, K.A.**, Nance, W.E., Napolitano, A., Mitchell, P.L., Lambert, F.W., and Linyear, A.S.: Newborn screening for biotinidase deficiency: Results of a one-year pilot study. J. Pediatr. 108(1):40-46, 1986.

4. Wolf, B., Heard, G.S., Jefferson, L.G., **Weissbecker, K.A.**, McVoy, J.R.S., Nance, W.E., Mitchell, P.L., Lanbert, F.W., and Linyear, A.S.: Neonatal screening for biotinidase deficiency; An update. J.Inher.Metab.Dis. 9 (Suppl.) 2:303-306, 1986.

5. Burton, B.K., Roach, E.S., Wolf, B., **Weissbecker, K.A.**: Sudden death associated with biotinidase deficiency. Pediatrics. 78(3):482-483, 1987.

6. O' Hanlon, K., **Weissbecker, K.A.**, Cortessis, V., Spence, M.A., and Azen, E.A., Genes for salivery proline-rich proteins and taste for phenylthiourea are not closely linked in humans. Cytogenet. and Cell Genet., 49:315-317, 1988.

7. **Weissbecker, K.A.**, Gruemer, H-D., Heard, G, Miller, G., Nance, W.E., and Wolf, B.: An automated system for analyzing biotinidase activity in human serum. Clin. Chem. 35(5):831-833, 1989.

8. Delgado-Escueta, A.V., Greenberg, D., **Weissbecker, K.A.**, Liu, A. Treiman, L., Sparkes, R., Park M.S., Barbetti, A., and Terasaki, P.I.: Gene mapping in the idiopathic generalized epilepsies: Juvenile myoclonic epilepsy, childhood absence epilepsy, epilepsy with grand mal seizures, and early childhood myoclonic epilepsy. Epilepsia, 31(S3):19-29, 1990.

9. **Weissbecker, K.A.**, Durner, M., Scaramelli, A., Janz, D., Sparkes, R.S. and Spence, M.A.: Confirmation of linkage between Juvenile Myoclonic Epilepsy and the HLA region of chromosome 6., Am. J. Med. Genet., 38:32-36, 1991

10. Delgado-Escueta, A.V., Greenberg, D., **Weissbecker, K.A.**, Serratosa, J.M., Liu, A., Treiman, L., Sparkes, R., Park M.S., and Barbetti, A.: The choice of epilepsy syndromes for genetic analysis. Epilepsy Res Suppl, 4:147-159, 1991.

11. Smith, M.L., Pellett, O.L., Cahill, T.C., David, D.N., Kaskel, F.J., Smolin, L.A., Greene, A.A., **Weissbecker, K.A.**, Dean, M., and Schneider, J.A.: Biochemical and Genetic analysis of a Child with Both Cystic Fibrosis and Cystinosis., Am. J. Med. Genet., 39:84-90, 1991.

Original articles in referred journals (continued):

12. **Weissbecker, K.A.**, Wolf, B., Eaves, L.J. and Nance, W.E.: Statistical approaches for the detection of heterozygotes for biotinidase deficiency, Am. J. Med. Genet. 39:385-390, 1991.

13. Nicolini H, **Weissbecker K**, Baxter L, Hanna G, Spence MA. Segregation analysis of obsessive compulsive and related disorders; preliminary results. Ursus Medicus Journal 1:25-28, 1991.

14. Nicolini, H., **Weissbecker, K.A.,** Mejia, J.M., and Sánchez de Carmona, M.: Family study of Obsessive-compulsive Disorder in a Mexican population. Archives of Medical Research 24:193-198, 1993.

15. **Weissbecker, K.A.**, Wolf, B., Eaves, L.J., Marazita, M., and Nance, W.E.: Combined pedigree and twin family study to determine the sources of variation in serum biotinidase activity: The usefulness of multiple study designs. Am. J. Med. Genet. 47:231-240, 1993.

16. **Weissbecker, K.A.**: Segregation analysis of diastolic blood pressure in a large pedigree. Genet. Epidemiology. 10:659-664, 1993.

17. Delgado-Escueta, A.V., Serratosa, J.M., Lui, A., **Weissbecker, K.A.**, Medina, M.T., Gee, M, Treiman, L.J., and Sparkes, R.S.: Progress in mapping epilepsy genes. Epilepsia 35(S1):29-40,1994.

18. Nicolini, H., Cruz, C., Camerena, B., Orozco, B., Kennedy, J.L., King, N., **Weissbecker, K.A.**, De la Fuente, JR.and Sidenberg, D: DRD2 , DRD3 and 5HT2A receptor genes polymorphisms in Obsessive-Compulsive Disorder. Molecular Psychiatry 1:461-465, 1996.

19. Korczak, J.F., Bergen, A.W., Goldstein, A.M., and **Weissbecker, K.A**.: Sib-pair linkage analysis of alcoholism: Dichotomous and quantitative measures. In: Goldin L, Amos CI, Chase GA, Goldstein AM, Jarvik GP, Martinez MM, Suarez BK, Weeks DE, Wijsman EM, and MacCluer JW. Genetic Analysis Workshop 11: Analysis of genetic and environmental factors in common diseases. Genetic Epidemiology, 17:S205-S210, 1999.

20. Bergen, A.W., Korczak, J.F., **Weissbecker, K.A**., and Goldstein, A.M.: A genome-wide search for loci contributing to smoking and/or alcoholism. In: Goldin L, Amos CI, Chase GA, Goldstein AM, Jarvik GP, Martinez MM, Suarez BK, Weeks DE, Wijsman EM, and MacCluer JW. Genetic Analysis Workshop 11: Analysis of genetic and environmental factors in common diseases.Genetic Epidemiology, 17:S55-S60, 1999.

21. Townsend, M.H., **Weissbecker, K.A.**,Barbee, J., Pena, JM., Snider, LM, Tynes, LL, Tynes, S. Boudoin, C., Green-Leibovitz, MI, and Winstead, D.: Compusive Behavior in General Anxiety Disorder and Obsessive Compulsive Disorder. J Nervous and Mental Disease 187(11):697-699,1999.

22. Mandal, D.M., Wilson, A.F., Elston, R.C., Keats, B.J., **Weissbecker, K.A**., and Bailey-Wilson, J.E.: Effect of misspecification of allele frequencies on the type I error of model free linkage analysis using computer simulation. Human Heredity 50(2):126-132, 2000

<u>Original articles in referred journals(continued)</u>:

23. Narayan, A., Tuck-Muller, C., **Weissbecker, K**., Smeets, D., and Ehrlich, M.: Hypersensitivity to radiation-induced non-apoptotic and apoptotic death in cell lines from patients with the ICF chromosome instability syndrome. Mutation Research 456:1-15, 2000.

24. Bailey-Wilson, J.B., Sorant, A.J.M, Malley, J. D., Presciuttini, S, Redner, R.A., Severini, T.A, Badner, J.A., Pajevic, S., Jufer, R., Baffoe-Bonnie, A, Kao, L, Doan, B.Q., Goldstein , J, Holmes, T.N., D Behnemann, D., Mandal, D.M., Turley , T., **Weissbecker, K.A.,** O'Neill, J., Pugh, B.W. Comparison of novel and existing methods for detection of linkage disequilibrium using parent-child trios in the GAW12 genetic isolate simulated data. In Wijsman EM, Almasy L, Amos CI, et al. (2001). Analysis of complex genetic traits: Applications to asthma and simulated data. In Genetic Epidemiology, Volume 21(Suppl 1), pgs. S1-S853, 2001.

25. Tsien, F., Fiala, E.S., Youn, B., Long, T.I., Laird, P.W., **Weissbecker, K.,** and Ehrlich, M. Prolonged culture of normal chorionic villus cells yields ICF syndrome-like chromatin decondensation and rearrangements. Cytogenetics and Genome Research, 98:13-21, 2002.

26. Klein , A.P., Kovac , I., Sorant , A.J.M., Baffoe-Bonnie, A, Doan, B., Ibay , G., Lockwood ,E., Mandal, D., Santhosh ,L., **Weissbecker, K.A.,** Woo, J., Zambelli-Weiner, A., Zhang , J., Naiman,D.Q., Malley, J., and Bailey-Wilson, J.E.: Importance Sampling Method of Correction for Multiple Testing in Affected Sib-pair Linkage Analysis. In: Almasy L, Amos CI, Bailey-Wilson JE, Cantor RM, Jaquish CE, Martinez M, Neuman RJ, Olson JM, Palmer LJ, Rich SS, Spence MA, MacCluer JW (eds), Genetic Analysis Workshop 13: Analysis of longitudinal family data for complex diseases and related risk factors. BMC Genet 2003.

27. Jiang G. Yang F. Li M. **Weissbecker K**. Price S. Kim KC. La Russa VF. Safah H. Ehrlich M. Imatinib (ST1571) provides only limited selectivity for CML cells and treatment might be complicated by silent BCR-ABL genes. Cancer Biology & Therapy. 2(1):103-8, 2003

28. Morava E, Czako M, Karteszi J, Cser B, **Weissbecker K**, Mehes K.: Ulnar/fibular ray defect and brachydactyly in a family: a possible new autosomal dominant syndrome. Clin Dysmorphol. 2003 Jul;12(3):161-5.

29. **Weissbecker, K**., O'Conner, J.B., Peña, JM., Snider, LM, Tynes, LL, Tynes, S , Boudoin, C , Green-Leibovitz, MI, and Winstead, DK: Effect Of Co-Morbid Major Depression On Symptoms And Familial Aggregation Of Obsessive Compulsive Disorder. (in preparation)

Articles in non-referred journals:

1. **Weissbecker, K.A.**, Lacassie, Y., Thomas, I.T.: Neurofibromatosis type 1. Children's Hospital Pediatric Review XI (1):1-3, 1997.

2. **Weissbecker, K.A.,** Lemelle, T., Deeney, T, and Lacassie, Y.: Clinical Variability of Neurofibromatosis type 1. Children's Hospital Pediatric Review XV (10) 1-3, 2001.

Book Chapters:

1. Wolf, B., Heard, G.S., Jefferson, L.G., Weissbecker, K.A., McVoy, J.R.S., Nance, W.E., Mitchell, P.L., Lanbert, F.W., and Linyear, A.S.: Newborn screening for biotinidase deficiency. In Genetic Diseases: Screening and Management, Alan R. Liss, New York, N.Y., 1986.

2. Delgado-Escueta, A.V., Greenberg, D., Weissbecker, K.A., Serratosa, J.M., Liu, A., Treiman, L., Sparkes, R., Park M.S., Barbetti, A., and Terasaki, P.I.: The choice of epilepsy syndromes for genetic analysis. In Genetic Strategies in Epilepsy Research , ed. by Anderson, V.E., Hauser, W.A., Leppik, T.E. Nobels, J.L., Rich, S.S., Elsevier Science Publications, pp.143-155, 1991.

3. Weissbecker, K.A., Elston, R.C., Greenberg, D.A., and Delgado-Escueta, A.V. : Genetic epidemiology and the search for epilepsy genes., In Jasper's Basic Mechanisms of the Epilepsies, Third edition, Advances in Neurology, Vol 79, ed. by A.V. Delgado-Escueta, W. Wilson, R.W. Olsen, and R.J. Porter, Lippincott Williams and Wilkins, Philidelphia, pp.323-340, 1999.

4. Delgado-Escueta, A.V., Medina, M.T., Serratosa, J.M., Castroviejo, I.P., Gee, M.N., Weissbecker, K.A., Westling, B, et al.: Mapping and positional cloning of common idiopathic generalized epilepsies: Juvenile myoclonic epilepsy and Childhood absence epilepsy. In Jasper's Basic Mechanisms of the Epilepsies, Third edition, Advances in Neurology, Vol 79, ed. by A.V. Delgado-Escueta, W. Wilson, R.W. Olsen, and R.J. Porter, Lippincott Williams and Wilkins, Philidelphia, pp.351-374, 1999.

Abstracts:

1. Franco, M., **Weissbecker, K.**, Hartig, P.C., and Webb, S.R.: Strain selection of coxsackievirus B4 can overcome host resistance to virus-induced diabetes. Am. Microbio. Assoc., 1982.

2. Heard, G.S., **Weissbecker, K.A.**, and Wolf, B.: A continuous flow procedure for determining biotinidase activity in serum. Society for the Study of Inborn Errors of Metabolism, 22nd Symposium, 1984.

3. Martin, N.G., Eaves, L.J., Mellon, B.G., Slaugh, R.A., **Weissbecker, K.A.**: Some problems with the generalized mixed model. Am. J. Hum. Genet. 36:174S (515), 1984.

4. **Weissbecker, K.A.** Napolitano, A., Heard, G.S., and Wolf, B.: Implications of developmental changes in biotinidase activity for neonatal screening of biotinidase deficiency. Am. J. Hum. Genet. 36:199S (591), 1984.

5. Heard, G.S., Wolf, B. Jefferson, L.G., **Weissbecker, K.**, Nance, W.E., Napolitano, A., Mitchell, P.L., Lambert, F.W., and Linyear, A.S.: Results of a pilot newborn screening program for biotinidase deficiency. Am. J. Hum. Genet. 37:A219 (649), 1985.

6. **Weissbecker, K.A.**, Wolf, B., Piussan, C., and Nance, W.E.: Detection of heterozygotes for biotinidase deficiency. Am. J. Hum. Genet. 37:A81 236), 1985.

7. Wolf, B., Heard, G.S., Jefferson, L.G., **Weissbecker, K.A.**, Nance, W.E., Mitchell, P.L., Lambert, F.W., and Linyear, A.S.: Neonatal screening for biotinidase deficiency. Society for the Study of Inborn Errors of Metabolism, 23rd Symposium, 1985.

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