CURRICULUM VITAE

Karen Weissbecker, LMSW, Ph.D

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Legal Name: Karen Weissbecker Remer

EDUCATION

1982 **Bachelor of Arts**, University of Virginia, Biology

1988 **Doctor of Philosophy**
Medical College of Virginia (MCV)
Field of study: Human Genetics
Dissertation advisors: Walter Nance, Ph.D., M.D., and Barry Wolf, Ph.D., M.D

2009 **Masters of Social Work**,
Tulane University School of Social Work

Postdoctoral Training

1988 - 1990 **Postdoctoral Fellowship**
University of California, Los Angeles (UCLA),
Neuro-Psychiatric Institute and Department of Pediatrics
Field of study: Medical Genetics and Genetic Epidemiology
Mentor: Anne Spence, Ph.D.

1990 – 1992 **Postdoctoral Fellowship**,
Louisiana State University Health Science Center (LSUHSC)
Department of Biometry and Genetics
Field of study: Statistical Human Genetics
Mentor: Robert Elston, Ph.D.

LICENSURE & BOARD CERTIFICATION

1990 **American Board of Medical Genetics**, Board certification
Diplomat, Ph.D. Medical Geneticist

2011 **Louisiana Board of Social Work**
Board Certified Licensed Master of Social Worker (LMSW)

ACADEMIC APPOINTMENTS

Faculty and Research Appointments

1990	**Research Associate** UCLA, Departments of Neurology and Ophthalmology
1992 - 1994	**Instructo**r Louisiana State University Health Science Center (LSUHSC) Department of Biometry and Genetics
1994 - 1995	**Adjunct Assistant Professor (non-salaried)** Department of Psychiatry and Neurology, Tulane University School of Medicine
1994 - 1996	**Assistant Professor** Department of Biometry and Genetics, Louisiana State University Health Science Center
1994 - present	**Assistant Professor and** **Co-director Children's Hospital Neurofibromatosis Clinic** Department of Pediatrics, Division of Genetics Louisiana State University Health Science Center
1995 - 2005	**Assistant Research Professor** Department of Psychiatry and Neurology and Hayward Genetics Center Tulane University School of Medicine
1997 - 2001	**Adjunct Assistant Professor** Department of International Health and Development Tulane University School of Public Health and Tropical Medicine
Sept, 2005 - 2006	**Guest Researcher** NIH/National Human Genome Research Institute (NHGRI)
2006 - 2008	**Independent Research Contractor** NIH/National Human Genome Research Institute (NHGRI)
Feb-July, 2006	**Volunteer Adjunct Assistant Professor**, (post Hurricane Katrina appointment) Department of Psychiatry and Neurology and Hayward Genetics Center Tulane University School of Medicine
July, 2006 - 2017	**Adjunct Assistant Professor** (part-time) Department of Psychiatry and Neurology and Hayward Genetics Center Tulane University School of Medicine
July, 2017 - 2019	**Assistant Professor** (full time) Department of Psychiatry and Hayward Genetics Center Tulane University School of Medicine
Jan, 2019 - present	**Associate Professor** (full time) Department of Psychiatry and Hayward Genetics Center Tulane University School of Medicine

ACADEMIC APPOINTMENTS (continued)

Administrative Appointments

2000 - present **Director of Graduate Studies,** Hayward Genetics Center
Faculty administrator for the Master's in Medical Genetics and Genomics program and the chair of the Genetic Center's Graduate Education Committee.

- Communicate with prospective students interested in the program; review applications, chair the Admissions Committee
- Work to promote the Master's program by speaking to pre-medical interest groups; keep the website and Facebook page for the program up to date and active
- Oversee students' progress and address specific student issues
- Prepare, revise, and update the departmental graduate student handbook, the student orientation book, and the self-assessment report for the Graduate School
- Coordinate course scheduling and teaching responsibilities
- Write letters of recommendation for medical schools, other professional schools and employment opportunities; perform mock interviews with students
- Counsel graduate students on career-related, academic, and personal issues
- Collect data, perform statistics and track alumni progress and careers
- Represent the Genetics Center at SOM education- related committees

2015 - present **Director of Student Support and Wellness,** Office of Student Affairs
Primary responsibility is to help medical students navigate personal and academic issues; serve as ombudsperson; assist students with issues of professionalism; foster a culture of "wellness" in the Medical School.

- Counsel students regarding academic, personal, and professional issues; make referrals to mental health providers and lawyers, etc.
- Increase awareness and assessment of wellness/support/professionalism
- Work with students and the Mental Health and Wellness Coalition (MHWC) to coordinate initiatives geared toward improving mental health and wellness
- Organize support groups and workshops for students
- Liaise with Tulane Counseling Center (CAPS), The Office of Accessibility and Tulane Office of Student Resources and Support Services.
- Advocate for increased resources on the Medical School campus
- Serve as faculty leader for the Tulane Learning Communities (TLC)
- Identify and advocate for wellness education in the curriculum

Honors and Awards

1980 Phi Sigma Biology Honor Society

1980 Intermediate Academic Honors, University of Virginia

1986 Roscoe D. Hughes Pre-doctoral Fellowship in Human Genetics (MCV)

1994 Louisiana Education Quality Support Fund Awardee

2016, 2018, 2020
2022, 2024 W. Clifford Newman Student Advocacy Award, Tulane Owl Club

CLINICAL ACTIVITIES

1983 - 1984	**Student intern**, Genetic Counseling Clinic, Medical College of Virginia
1988 - 1989	**Postdoctoral Fellow**, Tay Sachs Clinic, UCLA
1988 - 1990	**Postdoctoral Fellow**, Genetic Counseling Clinic, UCLA
1988 - 1990	**Postdoctoral Fellow**, UCLA Cleft Lip and Palate Clinic, Rancho Los Amigos
1990	**Counselor**, Jules Stein Ophthalmology Dept, UCLA, Retinitis Pigmentosa Clinic
1994 - 1995	**Counselor,** General Genetics Clinic, Children's Hospital, New Orleans
2007 - 2009	**Social Work Intern**, Catholic Charities of New Orleans
2011 - 2012	**Coordinator**, Children's Hospital Down Syndrome Clinic
1994 - 2018	**Founding Co-Director**, Children's Hospital Neurofibromatosis Clinic

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

1982 - present	**Membe**r, America Society of Human Genetics
1985 - 2005	**Membe**r, Sigma Xi Research Society
1991 - 2006	**Membe**r, American Association for the Advancement of Science
1992 - 2006	**Founding Member**, International Genetic Epidemiology Society
1993 - present	**Founding Fellow**, American College of Medical Genetics
1994 - present	**Member,** National Neurofibromatosis Foundation
1996 - 2006	**Member**, International Society of Psychiatric Genetics
2000 - 2005	**Member**, Tourette syndrome Association
1999 - 2007	**Professional Member**, Obsessive Compulsive Foundation
2003 - 2006	**Founding Member**, Obsessive Compulsive Foundation Genetics Collaborative
2010 - present	**Membe**r, Association of Professors of Human and Medical Genetics (APHMG)
2015 - present	**Member,** International Association of Science Educators (IAMSE)
2015 - present	**Member,** Association of American Medical Colleges, Group on Student Affairs

Board Membership

1997 - 2006	**Archivist**, International Genetic Epidemiology Society (IGES)
2012 - 2016	**Executive Board Member**, Course Directors Special Interest Group Association of Professors of Human and Medical Genetics

NATIONAL ADVISORY/REVIEW COMMITTEES

Reviewer: grants and projects

1994	**Member**, NIH Advisory Board for the 3rd edition Basic Mechanisms of the Epilepsies
1999	**Scientific Peer Grant Reviewer**, Department of Defense (DoD), U.S. Army Medical Research Material Command, Neurofibromatosis Research Program
2000 - 2004	**Grant Reviewer**, NIGMS Minority Biomedical Research Support (MBRS) Program
2009	**Grant Reviewer**, Obsessive Compulsive Foundation
2015, 2016	**Abstract Reviewer** for the American Society of Human Genetics annual meeting: section on Genetic Counseling, ELSI, Education, and Health Services Research

NATIONAL ADVISORY/REVIEW COMMITTEES (continued)

Scientific Journal Ad Hoc Reviewer

Neuropsychiatric Genetics,
Genomics
Pediatric Nephrology
Epilepsia
American Journal of Human Genetics
Neurology
CNS Spectrum
American Journal of Psychiatry
Medical Science Educator
Trends in Genetics
BMJ Open
Teaching and Learning in Medicine
Genetics in Medicine

PROFESSIONAL EXPERIENCE AND SERVICE

National Service and Committees

1993	**Founding Fellow**, American College of Medical Genetics
1997 - 2000	**Item Writer**, Ph.D. Medical Genetics Board exam for the 1999 American Board of Medical Genetics Certification Examination
2002	**Organizing Committee Chair** "Medical Symposium on Neurofibromatosis"
2002	**Member**, **Executive Committee** "Louisiana Genetics Education Partnership: Science in the New Millennium"
2003	**Co-Chairman**, American Society of Human Genetics Educational Session: "Psychiatric Genetics: Progress and Promise?"
2003	**Founding member**, Obsessive Compulsive Foundation Genetics Collaborative
2012- 2013	**Section leader,** Genetics Competencies Review Committee Association of Professors of Human and Medical Genetics
2012- 2015	**Executive committee member** and **Meeting Planning committee** Course Directors Special Interest Group Association of Professors of Human and Medical Genetics (APHMG)

Departmental and University Service and Committees

Louisiana State University Health Sciences Center

1994 – 1996	**Member**, LSUHSC Dept. of Genetics Graduate Student Committee
1994 - 1996	**Member**, LSUHSC Dept. of Genetics Computer Equipment Committee
1994 - 1997	**Member**, LSUHSC Human and Molecular Center of Excellence
1994	**Member**, LSUHSC Graduate Faculty Council, School of Graduate Studies

PROFESSIONAL EXPERIENCE AND SERVICE (continued)

Departmental and University Service and Committees (continued)

Louisiana Cancer Research Consortium

2002, 2003 **Mentor**, Summer Cancer Research Internship Program
2004 - 2015 **Judge**, Summer Cancer Research Internship Program

Tulane University School of Medicine

1998 - present **Member**, Graduate Education Committee, Hayward Genetics Center
2010 - present **Interviewer**, Tulane Medical School Admissions
2010 - present **Facilitator**, Foundations in Medicine Ethics sessions
2010 - 2015 **Member,** T1 Course Directors committee
2011 - 2013 **Member**, Student Affairs Committee
2012 - 2014 **Member**, HEAL-X curriculum committee
2013 - present **Founding Member**, Tulane Society for Women in Medical Education Research
2013 - present **Member**, Admissions committee
2013 - 2016 **Member,** Curriculum committee
2014 - 2016 **Member,** School of Medicine Curriculum committee
2014 - 2016 **Electives sub-committee**, School of Medicine Curriculum committee
2014 - 2016 **T1 Course directors committee,**
2014 - 2016 **Chair,** Professionalism sub-committee of T1 Course Directors committee
2014 - present **Member,** Biomedical Science Graduate Curriculum Committee
2015 - present **Tulane Learning Communities**, Community Director
2016 - present **Tulane Learning Communities**, Executive Committee, Faculty Advisor
2015 - 2017 **Member**, Ad Hoc Committee on Student Promotion and Professionalism
2017 - 2020 **Member,** Medical Education Research Cohort
2018 – present **Executive Committee Member**, Tulane School of Medicine Wellness Committee
2018 – present **Faculty member,** The Program in Medical Ethics & Human Values
2022 - present **Member**, Department of Psychiatry and Behavioral Sciences JEDI CAT (Justice, Equity, Diversity, and Inclusion Curriculum and Training) Committee

Community Service

1994-2018 Children's Tumor Foundation, LA Chapter, Clinical Support
2001-2023 New Orleans Jewish Day School, President and Board Member
2006-2010 New Orleans Melton School, Chair, Advisory Committee
2006-present Congregation Anshe Sfard , Board Member, Treasurer, and Secretary
2012 Organizer, Genetic Carrier Testing, Tulane Hillel
2012 Jewish Family Services, volunteer delivery of Passover baskets
2012 Avodah Jewish Service Corps, Chair, Annual Fundraiser
2013-present Avodah Jewish Service Corps, Advisory Board Member
2014 Genetic Carrier Screening volunteer, TribeFest, New Orleans
2015-2018 Limmud Fest, Advisory committee, Co-chair Spirituality program committee
2019-2024 Jewish Federation volunteer corps, member
2022-present Jewish Children's Regional Service – Case Committee member (determine support for special needs cases)
2024-present Albert Schweitzer Fellowship advisory board

EDUCATIONAL ACTIVITIES

Course Directorships (courses for which I had primary responsibility or large contribution)

1984	**Course Director and Lecturer**, "Human Genetics", Explorer Scouts (high school)
1989	**Lab Director**, "Mathematical Modeling in Human Genetics", UCLA (1 hour/week, 8 week quarter, undergraduate students)
1990	**Instructor,** "Genetic Risk Assessment", University of California, Irvine (two day short course, genetic counseling students)
1992 - 1995	**Instructor,** "Statistical Methods in Human Genetics", LSU (3 lectures)
1995	**Co-director**, "Advanced Topics in Genetics - Linkage", LSUHSC Dept. of Genetics and Biometry, graduate students (3 hours per week; 14 week semester)
2000 – 2004	**Co-Director**, "Serotonin and Behavior", Tulane University School of Medicine Elective (2 hours/week; 8 weeks, medical students)
2003	**Course Director**, "Genetic Dissection of Complex Traits", Tulane School of Medicine (3 hours per week; 14 week semester, Masters student)
1996-present	**Co-instructor**, "Introduction to Medical Genetics", Hayward Genetics Center, annually (5 lectures of 22, Masters students)
2006 - present	**Course Director**, "Research Methods", Tulane University, annually (team taught: 4 lectures of 22, plus administrative duties for course, Masters students)
2008-present	**Director**, Hayward Genetics Grand Rounds, (1 hour/week, 30 weeks annually)
1999-present	**Course Director**, "Population Genetics and Genetic Epidemiology", Tulane University, annually (3 hours per week; 14 week semester, Masters students) Sole instructor for course
1996-present	**Instructor,** "Medical Genetics" First Year Medical Students course, (6 lectures of 25)
2010 - 2015	**Course Director**, "Medical Genetics" Tulane School of Medicine First Year (T1) course, annually (6 lectures of 25, medical students) Full administrative duties for course 2010- 2015, Lecturer 1996 - present.
2011-present	**Facilitator**, Foundations in Medicine Ethics sessions (6 per year, medical students)
2015	**Course Director, "**Understanding Ancestry" Special Topics course (3 hours per week; 14 week semester, 1 Masters student)
2018-2020	**Facilitator,** Self-Directed Learning for first year Medical Students
2021-2024	**Course Director**, Elective in Mind Body Medicine, Medical students

Teaching assistantships

1981	**Teaching Assistant**, Intro Biology, UVA, (pre-nursing students)
1981 - 1982	**Tutor**, Intro Biology course, UVA, (premedical students)
1983 - 1986	**Lecturer**, "Cell Biology", MCV, (3 lectures, medical students)
1984 - 1986	**Lecturer**, "Dental Genetics", MCV, (3 lectures, dental students)
1984 - 1986	**Lecturer**, "Linkage Analysis", Intro Human Genetics, MCV, (graduate students)
1989	**Teaching Assistant, "**Medical Genetics", UCLA**,** (medical students)
1989	**Teaching Assistant, "**Genetics Epidemiology" UCLA, (graduate students)

EDUCATIONAL ACTIVITIES (continued)

Single Lectures in other Courses

1995, 1996	**Lecturer,** "Medical Genetics - Psychiatry" - Third Annual Yale/Ochsner Comprehensive Review of Psychiatry and Neurology, (Board review for MDs)
1997	**Lecturer**, "Genetic Epidemiology of Mental Illness"; and "Epidemiology of OCD" lectures for "Epidemiology of Mental Illness", Tulane School of Public Health
1999	**Guest Teacher**, "Human Genetics", 3rd - 7th grade, Torah Academy of New Orleans
2000 - 2005	**Lecturer**, "Genetic Epidemiology of Cardiovascular Disease" in Cardiovascular Disease Epidemiology, Tulane School of Public Health, (graduate students), annually
2000 - 2005	**Small Group Facilitator**, "Human Behavior", Tulane (medical students)
2003	**Lecturer**, "Psychiatric Genetics" lecture in "Foundations in Medicine II: Normal and Abnormal Human Behavior" course. Tulane School of Medical, (medical students)
2003, 2004	**Guest Teacher**, "Human Genetics", New Orleans Jewish Day School (5th grade)
2007, 2011	**Guest Teacher**, "Human Genetics", Lusher Middle School (7th grade)
2008 - present	**Lecturer**, "Psychiatric Genetics" lecture in "Clinical Aspects", Hayward Genetics Center, Tulane School of Medicine, (graduate students), annually
2009 - present	**Lecturer**, "Psychiatric Genetics" lecture in "Nursing Genetics", Louisiana State University School of Nursing. (Nursing students), biannually
2010- present	**Lecturer**, "Pharmacogenetics and personalized medicine " lecture in "Genetic Epidemiology and Population Genetics", LSUHSC, (graduate students), annually
2014	**Lecturer,** "Genetic aspects of OCD", Tulane T3 Psychiatry clinical rotation
2021	**Session leader**, "Be well to lead well", workshop for Leadership in Healthcare course (Graduate and medical students)
2018- present	**Lecturer,** "Psychiatric Genetics and Genetic Counseling" lecture in "Brain, Mind and Behavior" Tulane, second year medical school course, annually
2023	**Presenter** "Residency Day: how not to get overwhelmed" Tulane medical students
2024	**Presenter** "Educational and Behavioral research" Tulane medical students, ASPIRE program

Ph.D. Dissertation Committee Member

1995	Pornprot Limprasert – Member, LSUHSC Dept. of Genetics
1996	Janice Prist – Member, LSUHSC Dept. of Genetics
1996	Diptasri Mandal – Member, LSUHSC Dept. of Genetics
1997	Smita Premkumar – Member, LSUHSC Dept. of Genetics
1998	Christina Macias Justice – Member, LSUHSC Dept. of Genetics
2005	Tara Turley – Member, LSUHSC Dept. of Genetics
2008	Cong Xing Li – Member, Tulane Hayward Genetics Program
2008	Chunbo Shao – Member, Tulane Hayward Genetics Program
2012	Elisa Ledet – Member, LSUHSC Dept. of Genetics

EDUCATIONAL ACTIVITIES (continued)

Masters Thesis Committee

1995 Katie Hanson – Member, LSUHSC Dept. of Genetics
1997 Browyn Westling – Chair, LSUHSC Dept. of Genetics
2002 Jennifer O'Conner – Chair, Tulane Hayward Genetics Program

Tulane Hayward Genetics Center Masters Research Paper Mentor

2003 Larry Chan, Mailekaluhea Ahuna
2004 William Guntherson, Amy Stratton
2005 Yasir Kahn, Zeina Khodr
2006 April Adams, Sean DeBarros
2007 James Huggins
2008 Will Moiser
2009 Xiaoying Fu
2010 Alex Woehlke, Megan Killion,
2011 Michael De France
2012 Nicholas Broccoli, Bendan Reiser, Mansoor Zaheer
2013 James Ulrich, Travis Kerr
2014 Zach Hansen
2015 Zaid Choudhry
2016 Kourtney Castille, Nathan Dvorkin
2017 Fendhua Zhu, Brittany Bosarge
2018 Jerome Tuttle-Roache, Jawn Manning
2019 Mary Kate Luddy, Eric Chow
2020 Rachel Greenberg, Timothy Nass
2021 Deborah Ofuso, Ethan Diamond
2022 Anna Padua, Mallory Britz
2023 Tea Natelauri
2024 Hayley Winslow

Faculty Advisor for Student Interest Groups

2014- present Mentor, American College of Medical Genetics (ACMG) Student Interest Group
2015- present Phoenix Society (Student group for Wellness)
2016- present Mental Health and Wellness Coalition (MHWC)
2017-2019 Fitness and Medicine (FaM)
2017-present Tulane Wilderness Interest Group (TWIG)
2020-2022 Medical students with disabilities and chronic illnesses
2021-present Medical Genetics Interest Group

Other mentorship positions

2020 Albert Schweitzer Fellowship – mentor for Althea Alquitran

EDUCATIONAL ACTIVITIES (continued)

Teaching Awards

2011	Nominated for Best First Year Class: Medical Genetics – course director
2012	Nominated for Best First Year Class: Medical Genetics – course director
2013	Nominated for Best First Year Class: Medical Genetics – course director
2014	Nominated for Best First Year Class: Medical Genetics – course director

Curriculum Development

2011	Foundations in Medicine course: Creator of discussion session on "Ethical Issues in Genetics"
2012-2014	Health Education Adaptive Learning Experience (HEAL-X): Genetics curriculum director - HEAL-X was an accelerated MD curriculum created for students with PhDs
2013-present	First year (T1) Medical School Integration Curriculum Development committee
2014-2016	Chair, T1 Professionalism committee - Designed an approach for documenting and remediating lapses in professionalism. Created an interactive session for first year medical students to address issues of professionalism and giving feedback
2018-present	Program in Medical Ethics and Human Values, member- working to increase ethics and humanities in the medical school curriculum
2018-present	Foundations in Medicine course: Creator and facilitator of session on "Professionalism and Feedback"
2018-present	Foundations in Medicine course: Creator and facilitator of session on "Wellness plan for Medical school"
2019-present	Foundations in Medicine course: Creator and facilitator of Inter-professionalism session on "Social Determinants of Health"
2019	Interdisciplinary Seminar (IDS): Creator and facilitator 'Eeny, meeny, miny, moe': Personal values, specialty choices and dealing with the stress of decision making
2023	Foundations in Medicine course: Creator and facilitator of session on "Ethical issues in Medical Genetics"
2025	Interdisciplinary Seminar (IDS): Creator and facilitator "Ethnicity, Ancestry, Race, 'Population of origin' – what does it all mean?

Workshops Developed for Student Support and Wellness

Taming the Tiger I: Dealing with Step Anxiety
Taming the Tiger II: Well-being during Step
Workshop on Test Anxiety
Wellness Workshop
Confronting Imposter Syndrome
Mind Body Medicine – Workshop on mindfulness
Wellness for Step
Wellness for clerkships

INVITED ADDRESSES

Intramural

Tulane Hayward Genetics Center Grand Rounds

"Genetic Analysis of Epilepsy Syndromes", Spring 1994
"The Genetics of Obsessive Compulsive Disorder", Dec. 1996
"Neurofibromatosis type 1 - an Update", Dec. 1998
"Twin Studies", Nov. 1999
"A Complete Genome Screen in Sib Pairs Affected by Tourette Syndrome" Jan. 2000
"Issues and Calculations for Forensic Evidence", March 2001
"Pharmacogenetics of Antipsychotic Treatment: Lessons Learned From Clozapine", Jan. 2002
"Update on the Genetics Studies of Obsessive Compulsive Disorder", March 2003
"Neurofibromatosis: Update of Treatment and Cognitive Issues", November, 2012
"What is new in medical (genetics) education? March, 2017
"Journal Club: False positives in Direct to Consumer testing", September, 2018
"State of Medical Genetics education" April, 2019
"How to Talk about Race in the Genomics Era" Oct, 2020
"Jews, Genes and Identity" April, 2020, February 2021, and January 2023
"Ethnicity, Ancestry, Race, 'Population of origin' – what does it all mean?", Sept, 2024
"Assessing information and disinformation" February, 2025

Tulane Department of Psychiatry and Neurology Grand Rounds

"The Genetics of Obsessive Compulsive Disorder", Dec. 1997
"The Genetics of Obsessive-Compulsive Disorder", 1999
"Psychopharmacogenetics", 2009
"Genetics in Psychiatry", October, 2014

Tulane University Department of Epidemiology

"Genetic Epidemiology and Obsessive Compulsive Disorder", March 2002

Tulane Student Bioethics Special Interest Group

"Case studies in Genetics and Ethics", Oct, 2015
"More case studies in Genetics and Ethics", February 2017

Tulane Student Psychiatry Interest Group

"Genetics in Psychiatry", November, 2015
"Obsessive Compulsive Disorder and why it is hard to find genes" November, 2018

Tulane Student Genetics Interest Group and Jewish Student Association

"Jews and Genes: The history of Jewish Genetic Disorders", March 2017
"Jews, Genes and Identity" Dec 2024

Tulane ASPIRE Research Group

"Educational and Behavioral Research", June 2019, 2023, 2024

Tulane Counseling Center

"The culture and stressors of medical school", October, 2022

INVITED ADDRESSES

Local

1. "Polymorphism" - Advanced Human Genetics Graduate Course, MCV, 1984
2. "Hemoglobinopathies" - Advanced Human Genetics Graduate Course, MCV, 1984 – 1986
3. "Career Opportunities in Genetics" - Intro Biology, JS Reynolds Community College, 1985
4. "Genetic Disorders in Man" - Nursing Class, Richmond Memorial Hospital, 1985, 1986
5. "Psychiatric and Behavioral Genetics" - Psychiatric Residents, Harbor, UCLA, 1989
6. "Genetic Aspects of Neurofibromatosis" - Children's Hospital, New Orleans, 1994
7. "Advanced Topics in Genetics-Linkage" - LSUHSC Graduate Course, 1994
8. "New Research in Neurofibromatosis (NF)" - LA Chapter, National NF Foundation,1995
9. "Population Genetics for Forensic Uses" - Forensic Genetics Workshop, Tulane Univ. Dept. of Biochemistry, Nov, 1996, Dec, 1997
10. "Issues in Mental Illness and Health Research" (panel discussant) - Contemporary Issues Involving Risks/Benefits in Research meeting, New Orleans, March, 1997
11. "Genetics of Psychiatric Disorders" Manic-Depressive Support Group, DePaul, June, 1997
12. "Genetics of Psychiatric Disorders" - Louisiana State University Health Science Center, Psychiatry Residency Program, Oct. 2000, May 2001
13. "The Genetics of Neurofibromatosis" The LA chapter of the National Neurofibromatosis Foundation, March, 2001
14. "Understanding research and the genetics of psychiatric disorders" Manic-Depressive Support Group at DePaul Hosptial, July, 2001
15. "Neurofibromatosis and Cognitive deficits" 1st Medical Symposium on Neurofibromatosis, Children's Hospital, March 2007
16. "Neurofibromatosis" 2ond Medical Symposium on Neurofibromatosis, Children's Hospital, November, 2010
17. "Neurofibromatosis: Update of Treatment and Cognitive Issues" Children's Hospital Genetics meeting, Nov. 2012
18. "Genetics", Lusher Middle School seventh grade science class, 2012
19. "Jewish ethics and the Jewish Response to Genetic Testing", Limmud, New Orleans, 2012
20. "Neurofibromatosis Overview", Neurofibromatosis Symposium for Patients and Families Children's Hospital of New Orleans, February, 2014
21. "Clinical Issues in Neurofibromatosis" Children's Hospital Grand Rounds, July 2014.
22. "Genetic testing and Jewish Genetic disorders", Congregation Anshe Sfard, February, 2015
23. "Genetics of Addiction" Grace House, New Orleans, May, 2015.
24. "23 and You: Jews and Genes", Limmud, New Orleans, 2018
25. "CRISPR and ethical issues", Shir Chadash Synagogue, 2023

National

1. "Genetic and Biochemical Study of Biotinidase Activity" - Yale Univ. Pop. Genetics Group, 1987 and UCLA, Harbor Med. Center, Division of Med. Genetics, 1987
2. "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

INVITED ADDRESSES (National cont.)

3. "Genetics of Obsessive-Compulsive Disorder" - Robert Heath Lectureship, Tulane University Department of Psychiatry Continuing Education symposium, 1994
4. "Using LIPED and LODLINK computer programs" - S.A.G.E. annual workshop, 1994
5. "OCD and Tourette's syndrome: Genetic implications" - Tulane Univ. Dept of Psychiatry and Neurology, "Obsessive Compulsive Spectrum Disorders" CME Program, Dec, 1996
6. "Juvenile myoclonic epilepsy with absence linked to chromosome 1p." - Southern Genetic Group meeting, July, 1997
7. "Neurofibromatosis 101" Children's Tumor Foundation Forum June, 2012.
8. "Tulane's Masters Program in Human Genetics" Southern Genetic Group meeting, Jacksonville FL, July, 2012
9. "Genes for Generalist" American College of Physicians, New Orleans, LA April, 2018
10. **"**23 and Us: Jews, Genes and Identity", Jewish Women's group, Richmond, Va. Dec 2018

International

1. "Is there a fast track to mapping human epilepsy genes?', Third International Symposium and Workshops: Basic Mechanisms of the Epilepsies, San Diego, CA, April, 1996
2. "Overview of genetics of the epilepsies" Third International Symposium and Workshops: Basic Mechanisms of the Epilepsies, San Diego, CA, April, 1996
3. "Genetic Analysis of Complex Diseases", Keynote speaker, Universidad de la Ciudad de Mexico, Coloquio En Internacional En Investigación Genómica (International Colloquiumon Genetic Research), 2004

WORKSHOPS CHAIRED AT NATIONAL OR INTERNATIONAL MEETINGS

1. "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 1996
2. "Psychiatric Genetics: progress and promise?" Educational Workshop. Co-organizer and Moderator, American Society of Human Genetics, Los Angeles CA, 2003
3. "Neurofibromatosis" 1st Medical Symposium on Neurofibromatosis, Children's Hospital of New Orleans, 2007
4. "Neurofibromatosis" 2nd Medical Symposium on Neurofibromatosis, Children's Hospital of New Orleans, 2010
5. Neurofibromatosis Symposium for Patients and Families, Children's Hospital of New Orleans, 2014
6. "Genetics Education Across the UME Continuum **"** Course Directors Special Interest Group Association of Professors of Human and Molecular Genetics meeting. Napa, CA, 2014
7. "Genetics/Genomics Education: From Pupils to Parents" Co-Chair, Concurrent platform session American Society of Human Genetics meeting, Baltimore, MD, 2015
8. "Reflections on Curriculum Transitions through a Genetics Lens" Course Directors Special Interest Group Association of Professors of Human and Molecular Genetics meeting. Clearwater, FL, 2015
9. "Watch Out for the Bumps! Transitioning to a Systems-Based Curriculum", International Association of Medical Science Educators (IAMSE), San Diego, CA, 2015

Workshop Participant or panelist

1. Genetic Analysis Workshop 8, Pajaros, Dunes, CA, 1992
   "The Genetic Analysis Workshops (GAWs) are a collaborative effort among genetic epidemiologists to evaluate and compare statistical genetic methods. For each GAW, topics are chosen that are relevant to current analytical problems in genetic epidemiology, and sets of real or computer-simulated data are distributed to investigators worldwide. Results of analyses are discussed and compared at meetings."
2. Genetic Analysis Workshop 11, 2001
3. Genetic Analysis Workshop 12, 2003
4. Obsessive Compulsive Disorder Genetics Consortium, 2003. This workshop discussed the formation of a consortium of researchers interested in the Genetics of OCD. The group eventually became part of the Obsessive Compulsive Foundation.
5. AAMC 2021 Integrating Quality Conference "Mitigating the COVID-19 Pandemic's Impact on Medical Student Well-Being". Presenter, June, 2021

GRANTS AND CONTRACTS

Intramural

6/2018 – 6/2019 **Tulane Office of Medical Education's Mini-Grant Award**
"Screening and Assessment of Learning and Study Strategies". $2000
Role on project: Principal Investigator /mentor

6/2018 – 6/2019 **Tulane Center for Engaged Learning and Teaching**
Faculty Learning Community Grant, $500
"What predicts future success for students who struggled in the first 2 years of medical school?"
Role on project: Principal Investigator

07/01/19 – 06/30/20 **Carol Lavin Bernick Faculty travel award**
travel funds to attend the Faculty Training in Mind-Body Medicine retreat given by the Institute for Integrative Health

Tulane Student Summer ASPIRE grants Faculty mentor for the following projects:

2020: "Exploring the Relationship between Resilience and Psychological Well Being in Tulane Medical Students". Student researcher: Alexandria Jones.

2021: "One-year Impact of COVID-19 on the Mental Health and Well-being of Tulane Medical Students" Student researcher: Zabrina Reyes.

2021: "Effects of Early Clinical Exposure on Medical Student Wellbeing"
Student Researcher: Andrew Parker

2022: "Impact of COVID-19 on Medical Student Mental Health."
Student researcher: Aizaria Ermekbaeva

2023: "Rates of Perceived Stress, Anxiety and Depression Amongst Tulane Medical Students"
Student Researcher: Ameena Oyesile

2024: "Assessing diversity, equity, and inclusion (DEI) curriculum"
Student researchers: Ahona Mukherjee and Kailin Citron.

2024: "Mental health and well-being of medical students across the curriculum"
Student researcher: Katie McLeod

National

03/01/92 - 03/29/93 **NIH/NHLBI,** Robert Elston (PI)
"Major Genes for Cardiovascular Disease Risk Factors."
$44,600, direct costs, 1 year. *Role on Project: Research Associate*

03/01/92 - 02/28/97 **NIH/NHLBI (HL388-44)**, Gerald Berenson (PI)
"Early Natural History of Arterioslcerosis"
Role on project: Consultant

06/01/94 - 05/31/99 **NIH/NIMH 3 R29 MH49755, Karen Weissbecker** (PI)
"Family Studies of Obsessive-Compulsive Disorder."
$349,907 direct costs
Role on project: Principal Investigator

07/01/94 - 06/30/97 **NARSAD Young Investigator Award, Karen Weissbecker** (PI) (National Alliance for Research on Schizophrenia and Depression)
"Comorbidity, Familial Aggregation and the Inheritance of Obsessive-Compulsive Disorder.", $59,920 direct costs over two years.
Role on project: Principal Investigator

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

04/01/01 - 04/01/03 **Contract with Brown Foundation**, Jules Puschett, M.D. (PI)
Tulane University Medical School, Department of Medicine. Supported by the Brown Foundation, "Study of the Mechanism of Volume Mediated Hypertension." *Role on project: Co-Investigator*

07/01/03 - 12/30/04 **Obsessive Compulsive Foundation, Karen Weissbecker** (PI)
"Clinical and Genetic Studies of Obsessive Compulsive Disorder With and Without Tics." $30,000 direct costs. *Role on project: Principal Investigator*

10/01/02 - 06/30/05 **NIH/NHLBI,** Tran He **(PI)**
"Genetic Epidemiology of Blood Pressure Intervention." This projects studies the interaction between genes and environment on the reduction of hypertension in Chinese population put on a salt restricted diet. $5,621,158 direct costs. *Role on project: Co-Investigator*

9/01/05 - 8/30/07 **SERGG**
"A Pilot Project to Study the Effects of 3 Cofounders on NBS" $35,664 direct costs. *Role on project: Co-investigator*

02/01/06 - 01/31/07 **NIH/NHGRI Subcontract**
"The Frequency of Smith-Lemli-Opitz Syndrome and Hypocholesterolemia in a Population with Autism." *Role on Project: Consultant*

2015- 2016 **LSU Pediatrics Intramural Clinical and Translational Grant**
Regina Zambrano, M.D (PI).
"The Use of Dermatoglyphics as a Diagnostic Tool in the Genetics Clinic"
Role on project: Co-Investigator

2010 – 2018 **Children's Tumor Foundation - Clinic Network**
Support for annual Medical Symposium and travel to meeting
$6000 or $1000 direct costs annually (depending on year)
Role on Project: Clinic and Workshop Coordinator

4/30/19 – 2023 **Association of Pediatric Program Directors Learn grant**
"Identifying Electronic Residency Application Service filters that predict medical student success in pediatric residency"
Jessica Debord, PI, *Role on project: Investigator*

RESEARCH PROJECTS – (presently unfunded)

1. Assessing Medical Student Mental Health and Wellness – A multisite initiative
2. Genetics Master's Program assessing outcomes and impact on career choices and attitudes and knowledge of genetics testing
3. Assessment of Tulane wellness initiatives
4. Assessment of Tulane Learning Communities
5. Racial and Social Justice in Medical Education alumni survey

PUBLICATIONS

Refereed Journal Articles

1. Wolf B. Heard GS. **Weissbecker** KA.McVoy JR. Grier RE. Leshner RT. Biotinidase deficiency: initial clinical features and rapid diagnosis. Annals of Neurology. 18(5):614-617, 1985
2. Wolf, B., Heard, G.S., Jefferson, L.G., Proud, VK, Nance, WE, **Weissbecker,** K.A.: Clinical findings in four children with biotinidase deficiency detected through statewise neonatal screening program. N Engl J Med Jul 4;313(1):16-19, 1985
3. Heard GS. Wolf B. Jefferson LG. **Weissbecker** KA. Nance WE. McVoy JR. Napolitano A. Mitchell PL. Lambert FW. Linyear AS. Neonatal screening for biotinidase deficiency: results of a 1-year pilot study. Journal of Pediatrics. 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 BK. Roach ES. Wolf B. **Weissbecker** KA. Sudden death associated with biotinidase deficiency. Pediatrics. 79(3):482-283, 1987
6. O'Hanlon K. **Weissbecker** K.Cortessis V. Spence MA. Azen EA. Genes for salivary proline-rich proteins and taste for phenylthiourea are not closely linked in humans. Cytogenetics& Cell Genetics. 49(4):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 AV. Greenberg D. **Weissbecker** K. Liu A. Treiman L. Sparkes R. Park MS. Barbetti A. Terasaki PI. 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 Suppl 3:S19-29, 1990
9. Delgado-Escueta AV. Greenberg DA. **Weissbecker** K.Serratosa JM. Liu A. Treiman LJ. Sparkes R. Park MS. Barbetti A. The choice of epilepsy syndromes for genetic analysis. Epilepsy Research - Supplement. 4:147-159, 1991
10. Smith ML. Pellett OL. Cahill TC. David DN. Kaskel FJ. Smolin LA. Greene AA. **Weissbecker** K. Dean M. Schneider JA. Biochemical and genetic analysis of a child with cystic fibrosis and cystinosis. Am. J Med Genet 39(1):84-90, 1991
11. Smith ML. Pellett OL. Cahill TC. David DN. Kaskel FJ. Smolin LA. Greene AA. **Weissbecker** K. Dean M. Schneider JA. Biochemical and genetic analysis of a child with cystic fibrosis and cystinosis. Am. J Med Genet 39(1):84-90, 1991

PUBLICATIONS - Refereed Journal Articles (cont.)

12. **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
13. **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.
14. 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.
15. 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.
16. **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.
17. **Weissbecker,** K.A**.**: Segregation analysis of diastolic blood pressure in a large pedigree. Genet. Epidemiology. 10:659-664, 1993.
18. Delgado-Escueta, A.V., Serratosa, J.M., Liu, A., **Weissbecker**, K.A., Medina, M.T., Gee, M, Treiman, L.J., and Sparkes, R.S.: Progress in mapping epilepsy genes. Epilepsia, 35(S1):S29-S40, 1994.
19. Delgado-Escueta, Antonio. V., Serratosa, J. M., Liu, A., **Weissbecker, K**., Medina, M. T., Gee, M., Treiman, L. J. and Sparkes, R. S.: Genetic Heterogeneity in the Epilepsies. Psychiatry and Clinical Neurosciences, 48: 197–199, 1994.
20. Nicolini, H., Cruz, C., Camerena, B., Orozco, B., Kennedy, J.L., King, N., **Weissbecker,** K.A., De la Fuente, JR.andSidenberg, D: DRD2 , DRD3 and 5HT2A receptor genes polymorphisms in Obsessive-Compulsive Disorder. Molecular Psychiatry 1:461-465, 1996.
21. 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, et. al,. Genetic Analysis Workshop 11: Analysis of genetic and environmental factors in common diseases. Genetic Epidemiology, 17:S205-S210, 1999.
22. Bergen, A.W., Korczak, J.F., **Weissbecker,** K.A., Goldstein, A.M.: A genome-wide search for loci contributing to smoking and/or alcoholism. In: Goldin L, Amos CI, Chase GA, et al., Genetic Analysis Workshop 11: Analysis of genetic and environmental factors in common diseases. Genetic Epi., 17:S55-S60, 1999.
23. Townsend, M.H., **Weissbecker,** K.A., Barbee, J., Pena, JM., Snider, LM, Tynes, LL, Tynes, S. Boudoin, C., Green-Leibovitz, MI, and Winstead, D.: Compulsive Behavior in General Anxiety Disorder and OCD. J Nervous and Mental Disease 187(11): 697-699,1999.
24. 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
25. Narayan A. Tuck-Muller C. **Weissbecker** K., Smeets D. 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(1-2):1-15, 2000.

PUBLICATIONS - Refereed Journal Articles (cont.)

26. Bailey-Wilson, J.B., Sorant, A.J.M, Malley, J. D.,…**Weissbecker,** K.A., et al.: 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. (eds.) Analysis of complex genetic traits: Applications to asthma and simulated data. Genetic Epi., 21(1), S378-S853, 2001.
27. 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.
28. Klein, A.P., Kovac, I., Sorant, A.J.M.,**Weissbecker,** K.A., et al.:Importance Sampling Method of Correction for Multiple Testing in Affected Sib-pair Linkage Analysis. In: Almasy L, Amos CI, Bailey-Wilson JE, et al.(eds), Genetic Analysis Workshop 13: Analysis of longitudinal family data for complex diseases and related risk factors. BMC Genet 4:73, 2003.
29. 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):103-108, 2003
30. 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. Jul;12(3):161-165. 2003
31. Medina MT., Duron RM., Alonso ME., Dravet C, Leon L., Lopez-Ruiz M. ,Ramos-Ramirez R. ,Castroviejo IP., **Weissbecker**K.,Westling B. et al. and Delgado-Escueta AV. Childhood absence epilepsy evolving to juvenile myoclonic epilepsy: electroclinical and genetic features. Advances in Neurology. 95:197-215, 2005
32. Nishiyama R., Qi, l., Tsumagari, K., **Weissbecker,** K., Dubeau, L., Champagne, M., Sikka, S., Nagai, H., Ehrlich, M.: A DNA repeat, NBL2, is hypermethylated in some cancers but hypomethylated in others. Cancer BiolTher. Apr; 4 (4):440-448. 2005
33. Camerena B., Loyzaga C., Aguilar A., **Weissbecker** K., Nicolini H.: Association study between the dopamine receptor D(4) gene and obsessive-compulsive disorder. European Neuropsychopharmacology. 17(6-7):406-409, 2007 May-Jun.
34. **Weissbecker, KA,** Gibson, JW, Chakraborti, C: Tracking professionalism competencies across the curriculum: Medical Science Educator. July, 2016.
35. Maria L. Alkureishi MD[1], Devika Jaishankar BA[2], Shivam Dave BS[2], Swetha Tatineni BA[2], Mengqi Zhu MS[3], Katherine C. Chretien MD[4]**,** James N. Woodruff MD[3], Amber Pincavage MD[3], Wei Wei Lee MD MPH[3] and the **Medical Student Well-being Research Consortium**: Impact of the Early Phase of the COVID-19 Pandemic on Medical Student Well-being: A Multisite Survey. Journal for General Internal Medicine. 2021 (role on project: part of Consortium)
36. Dagher, T., Alkureishi, M.A., Vayani, O.R., Chakmers, K, Zhu, M, Woodruff, JN, Lee, WW for the **Medical Student Well-being Research Consortium:**. One Year into the COVID-19 Pandemic: an Update on Medical Student Experiences and Well-being. Journal for General Internal Medicine. 2023 (role on project: part of Consortium)
37. Shea, S, Tu, K, Jones, A, Ermekbaeva, A, Carmody, T, Myint, MM, **Weissbecker, K**, Trivedi, MH, Greer, TL: Impact of COVID-19 on Medical Student Mental Health (submited to Academic Psychiatry)
38. Debord, J, Lazarus, C, Gibson, J, Weissbecker, K.: Predicting applicant success in pediatric residency: Do USMLE scores of honor society memberships matter? (in progress)

PUBLICATIONS

Non-peer-referred articles

1. **Weissbecker**, KA, Lacassie, Y., Thomas, I.T.: Neurofibromatosis type 1. Children's Hospital Pediatric Review XI (1):1-3, 1997.
2. **Weissbecker**, KA, Lemelle, T., Deeney, T, and Lacassie, Y.: Clinical Variability of Neurofibromatosis type 1. Children's Hospital Pediatric Review XV (10) 1-3, 2001.
3. **Weissbecker, KA**: Genetics Core Competencies. Office of Medical Education Newsletter, vol 6, issue 3, Summer/Fall, 2013

Chapters in Books

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** KA. Elston RC. Greenberg D. Delgado-Escueta AV. Genetic epidemiology and the search for epilepsy genes. In Jasper's Basic Mechanisms of the Epilepsies, third edition, ed. by A.V. Delgado-Escueta, W. Wilson, R.W. Olsen, and R.J. Porter, Lippincott-Raven Publishers, pp 323-340, 1999.
4. Delgado-Escueta AV. Medina MT. Serratosa JM. Castroviejo IP. Gee MN. **Weissbecker** K.Westling BW. Fong CY. Alonso ME. Cordova S. Shah P. Khan S. Sainz J. Rubio-Donnadieu F. Sparkes RS. Mapping and positional cloning of common idiopathic generalized epilepsies: juvenile myoclonus epilepsy and childhood absence epilepsy**.** In Jasper's Basic Mechanisms of the Epilepsies, third edition, ed. by A.V. Delgado-Escueta, W. Wilson, R.W. Olsen, and R.J. Porter, Lippincott-Raven Publishers, pp.351-374, 1999.

Online publications

1. Hyland, KM, Dasgupta, S, Garber, K, Gold, J-A, Toriello, H, **Weissbecker, K**, Waggoner, D: Medical School Core Curriculum in Genetics, Association of Professors of Human and Medical Genetics website, 2013
   http://docs.wixstatic.com/ugd/3a7b87_e338afb6862747c7b6c6f9183d086a7b.pdf

Published Abstracts/Poster or Oral Presentations at Scientific Meetings:

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. American Society of Human Genetics meeting, 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. American Society of Human Genetics meeting 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. American Society of Human Genetics meeting 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. American Society of Human Genetics meeting 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.
8. Wolf, B., Heard, G.S., Jefferson, L.G., Nance, W.E. and **Weissbecker**, K.: Biotinidase deficiency detected by a statewide neonatal screening program. Pediatric Research 19:256A (875), 1985.
9. **Weissbecker**, K.A., Martin, N.G., Wolf, B. and Nance, W.E.: Genetic and environmental contributions to variation in biotinidase activity. Intl. Cong. Twin Studies 5:72, 1986.
10. Spence, M.A., **Weissbecker**, K.A., Durner, M., Scaramelli, A., and Janz, D.: Linkage analysis of Juvenile Myoclonic Epilepsy and the HLA region. Am. J. Hum. Genet. 43:A159(634), 1988.
11. **Weissbecker**, K.A., Wolf, B., Eaves, L., Marazita, M.L., and Nance, W.E.: Contributions of a major locus, polygenic and environmental effects to variation in biotinidase activity. American Society of Human Genetics meeting , Am. J. Hum. Genet., 43:A223(890), 1988.
12. **Weissbecker**, K.A., Baxter, L., Schwartz, J., Sparkes, R.S. and Spence, M.A.: Linkage analysis of obsessive compulsive disorder. 10th Intnl. Workshop on Human Gene Mapping, 1989.
13. **Weissbecker**, K.A., Nance, W.E., Eaves, L.J., Puissan, C. and Wolf, B.: Statistical methods for heterozygote detection: application to biotinidase deficiency. American Society of Human Genetics meeting, Am. J. Hum. Genet., 45:A12, 1989.
14. Nicolini, H., Baxter, L., Hanna, G., **Weissbecker**, K.A., and Spence, M.A.: Segregation Analysis of Obsessive Compulsive Disorder. American Society of Human Genetics meeting, Am. J. Hum. Genet., 47:A141(0551), 1990.
15. Nicolini, H., **Weissbecker**, K.A., Baxter, L., Hanna, G., and Spence, M.A.: Analisis de segregacion y mapeocromosomicodeltrastornoobsesive compulsive. XI CongresoNacional de Psiquiatria. Asociacion Psiquiatrica Mexicana, November 1989. Morelia, Mich, Mexico.

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16. Serratosa, J.M., **Weissbecker**, K.A., and Delgado- Escueta, A.V.: Childhood Absence Epilepsy: an Autosomal Recessive Disorder?, American. Epilepsy Society, 1990.

17. Delgado-Escueta, A.V., Greenberg, D., **Weissbecker**, K.A., Serratosa, J., Abad-Herrera, P., Treiman,L., Liu, A., Sparkes, R.S., Park, M.S., and Terasaki, P.I.: Family Studies and the JME locus in 6p - Significance for CAE (Childhood Absence Epilepsy) and ECME (Early Childhood Myoclonic Epilepsy). International Conference on Genetics and Epilepsy, Minnesota, 1990.

18. Serratosa, J.M., Delgado-Escueta, A.V., **Weissbecker**, K., Liu, A., Sparkes, R.S., and Treiman, L.J.: Family studies on childhood absence epilepsy (CAE). 43rd Annual meeting of the Amer. Acad. of Neurol., Neurol. 41:A128, 1991.

19. Liu, A.W., **Weissbecker**, K.A., Delgado-Escueta, A.V., Serratosa, J.M., Treiman, L., Sparkes, R.S., and Parks, M.S.: Linkage studies of juvenile myoclonic epilepsy. 11th International Workshop in Human Gene Mapping, 1991.

20. **Weissbecker**, K.A., Delgado-Escueta, A.V., Liu, A. Treiman, L., Serratosa, J.M., Sparkes, R.S.: Sib pair analysis of the linkage of juvenile myoclonic epilepsy to HLA. International Congress of Human Genetics, Am. J. Hum. Genet. 49(suppl): A363(2041), 1991.

21. Liu, A.W., **Weissbecker**, K.A., Delgado-Escueta, A.V., Serratosa, J.M., Treiman, L., and Sparkes, R.S.: Centromeric markers in chromosome 6p and juvenile myoclonic epilepsy (JME). American Epilepsy Soc. meeting, Philadelphia, PA, Epilepsia 32(S3):100, 1991.

22. Liu, A.W., Delgado-Escueta, A.V., **Weissbecker**, K.A., Serratosa, J.M., Treiman, L., Sparkes, R.S., and Greenberg, D.: Juvenile myoclonic epilepsy and reference markers of chromosome 6p. American Epilepsy Soc. meeting, Epilepsia 33(S3):73, 1992.

23. **Weissbecker**, K.,: Segregation and linkage analysis of diastolic blood pressure in a large pedigree. Eighth Genetic Analysis Workshop, Pajaros Dunes, CA, Nov. 1992.

24. Delgado-Escueta, A.V., Liu, A., **Weissbecker**, K.A., Serratosa, J.M., Medina, M.T., Gee, M, Treiman, L.J., and Sparkes, R.S.: Juvenile myoclonic epilepsy: Is there heterogeneity? International Workshop on Idiopathic Generalized Epilepsies, Alsace, France, 1993.

25. **Weissbecker**, K.A., Berenson, G.S., Wilson, A.F. and Elston, R.C.: Linkage analysis of cardiovascular disease risk factors in three large pedigrees. American Society of Human Genetics annual meeting, New Orleans, Am. J. Hum. Genet. 53(suppl):A878, 1993.

26. **Weissbecker**, K.A., Berenson, G.S., Wilson, A.F., Srinivasan, S.R., and Elston, R.C.: Is there a major gene for the HDL-C/LDL-C ratio? International Genetic Epidemiology Society meeting, New Orleans, Genet. Epidemiology 10:344A, 1993.

27. Delgado-Escueta, A.V., Liu, A., Serratosa, J.M., **Weissbecker**, K.A., Medina, M.T., Gee, M, Treiman, L.J., and Sparkes, R.S.: The genetics of epilepsy: Progress in mapping epilepsy genes. European Society for Pediatric Research meeting, Edinburgh, Scotland, 1993.

28. Nicolini, H., Mejía, J., Sanchez-Carmona, M., **Weissbecker**, K., Camarena, B., and Cruz, C.: Family study of Obessive-Compulsive disorder in a Mexican population. World Congress on Psychiatric Genetics, New Orleans, Psychiatric Genet. 3:184 A169, 1993.

29. **Weissbecker**, K.A., Delgado-Escueta, A.V., Medina, M.T., Gee, M., Serratosa, J.M., Maldonado, H., Abad-Herrera, P., Spellman, J., and Sparkes, R.S.: Segregation analysis of Juvenile Myoclonic Epilepsy. American Society of Human Genetics 44th annual meeting, Montreal, Am. J. Hum. Genet. 55(suppl):A974, 1994.

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30. Lacassie, Y., **Weissbecker**, K.A., Arriaza, M.I., McElveen, C., Bobadilla, O.: Three unusal patients sharing features with the Simpson-Golabi-Behmel syndrome: A clinical dilemma. American Society of Human Genetics 44th annual meeting, Montreal, Quebec, October, Am. J. Hum. Genet. 55(suppl):A1812, 1994.

31. **Weissbecker**, K.A., Lacassie, Y., Thomas,T.: To operate or not to operate? - That is the question. A discussion of a patient with a massive, segmental neurofibroma. National Neurofibromatosis Foundation, 11th Annual Clinical Care Symposium, Los Angeles, CA., March, 1995.

32. Nicolini, H., Camarena, B., Orozco, b., Cruz, C., Mejía, J., Páez, F., De La Fuente, J.R., and **Weissbecker**, K.A.: Taq1-A2 DRD2 homozygous genotype gives and increased risk to Obsessive-Compulsive Disorder. Psych. Genet. 5(supplement 1):S107, 1995.

33. Westling, B., **Weissbecker**, K.A., Serratosa, J.M., Jara-Prado, A., Alonso, M.E., Cordova, S., Medina, M.T., Gee, M., Iranmanesh, R. and Delgado-Escueta, A.V.: Evidence for linkage of Juvenile myoclonic epilepsy with absence to chromosome 1p. American Society of Human Genetics annual meeting, Am. J. Hum. Genet. 59(suppl):A1392, 1996.

34. **Weissbecker**, K.A., Rice, J., Tynes, S.F., D'Huyvetter, K., Pena, J.M., Snider, L M., Tynes, L.L., and Winstead, D.K.: Reliability of diagnosis: the importance of being honest. World Congress of Psychiatric Genetics meetings, Psych. Genet. 6:173, 1996.

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59. Goodman, E, Budnick, I, Kabashagawa, E, Jones, C and **Weissbecker, K:** Cultivating Resiliency Through Humanism and Community. To be presented as a roundtable at The Gold Humanism Honor Society National Conference, March 2017
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63. Ker, J, Chow, E, McAllister, J, Mclean, C, **Weissbecker, K**, Myint, MT: Coping strategies in Medical Students at Tulane University School of Medicine. Louisiana Psychiatric Medical Association meeting, Feb 2019.
64. Weissbecker, K, Gibson, J: Utility of pre-clinical peer evaluations: Can they predict professionalism and/or academic issues? Academy for Professionalism in Healthcare conference, May 2019
65. Tran T, Ker J, Ho D, **Weissbecker K**: Night of Resilience and Mental Health. Poster presentation at Tulane Health Science Education Day, April, 2019
66. Haskins, P, Ker J, Naquin G, **Weissbecker K:** Assessment of Learning and Study Strategies and the Development of a Proactive Support Model to Target Learner-Specific Deficits. Submitted to the Medical Education Learning Specialists workshop. Phoenix, AZ, Nov 2019
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