Curriculum Vitae

EDWARD R.B. McCABE, M.D., Ph.D.

1. Personal History:

Current Position: Senior Vice President and Chief Medical Officer, March of Dimes

Address: [redacted]

Telephone: [redacted]

Facsimile: [redacted]

Email: emccabe@marchofdimes.com

Date and place of birth: March 26, 1946; Baltimore, Maryland

Citizenship: United States

Marital Status: Married, 1967; two children

2. Education:

1963-1967	Johns Hopkins University, Baltimore, Maryland (B.A. with General Honors)
1967-1969	University of Maryland School of Medicine, Baltimore, Maryland (Years l & 2 of M.D./Ph.D. Program; Biochemistry Department, Dr. Samuel P. Bessman, Advisor)
1969-1972	University of Southern California School of Medicine, Los Angeles, California (Years 3, 4, & 5 of M.D./Ph.D. Program, Ph.D.in Pharmacology, Dr. Samuel P. Bessman, Advisor)
1972-1974	University of Southern California School of Medicine (Years 6 & 7 of M.D./Ph.D. Program, M.D.)
1974-1976	Internship and Residency, Department of Pediatrics, University of Minnesota Hospitals, Minneapolis, Minnesota
1976-1978	Fellowship, Pediatric Metabolism, University of Colorado School of Medicine, Denver, Colorado

3. Academic Appointments

1977-1978	Instructor, Department of Pediatrics, University of Colorado School of Medicine, Denver, Colorado
1978-1982	Assistant Professor, Department of Pediatrics, University of Colorado School of Medicine, Denver, Colorado
1980-1982	Assistant Professor, Dept. of Biochemistry, Biophysics, and Genetics, University of Colorado School of Medicine, Denver, Colorado
1982-1986	Associate Professor, Departments of Pediatrics, and Biochemistry, Biophysics, and Genetics, University of Colorado School of Medicine, Denver, Colorado
1986-1988	Associate Professor, Institute for Molecular Genetics and Department of Pediatrics, Baylor College of Medicine, Houston, Texas
1986-1994	Director, R.J. Kleberg, Jr., Clinical Center, Institute for Molecular Genetics, Baylor College of Medicine, Houston, Texas
1988-1994	Founder and Director, Baylor Mental Retardation Research Center, Baylor College of Medicine, Houston, Texas
1988-1994	Founder and Director, Baylor Laboratory Training Program, Institute for Molecular Genetics, Baylor College of Medicine, Houston, Texas
1988-1994	Professor, Institute for Molecular Genetics, Baylor College of Medicine, Houston, Texas
1988-1994	Professor, Departments of Pediatrics and Obstetrics and Gynecology, Baylor College of Medicine, Houston, Texas
1990-1994	Founder and Director, Baylor Child Health Research Center, Department of Pediatrics, Baylor College of Medicine, Houston, Texas
1992-1993	Chair, Scientific Advisory Committee, Clinical Research Center, Texas Children's Hospital
1992-1994	Vice Chair for Research, Department of Pediatrics, Baylor College of Medicine, Houston, Texas
1993	Acting Director, Institute for Molecular Genetics, Baylor College of Medicine, Houston, Texas
1993-1994	Program Director, Pediatric Clinical Research Center, Texas Children's Hospital, Houston, Texas
1994	Professor and Vice Chair, Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, Texas
1994-2010	Professor, Executive Chair (1994-2005) and Mattel Executive Endowed Chair (2005-2010), Department of Pediatrics, University of California, Los Angeles
1994-2010	Founder and Director, Pediatric Research, Innovation, and Mentoring Experience (PRIME) Program, Department of Pediatrics
1995-1998	Interim Co-Director, Human Genetics Program, University of California, Los Angeles

1996-2010	Founder (1996), Principal Investigator (1996-2010), Program Director (1996-1999) and Core Laboratory Director (1996-2006), UCLA Child Health Research Career Development Award
1998-2010	Founder and Director, Human and Molecular Development Training Program
2001-2010	Founder (2001), Director (2001-2004), Co-Director (2004-2010), UCLA Center for Society and Genetics
2008-2010	Founder and Director, UCLA NanoPediatrics Program
2008-2010	Founder and Director, International Network Initiative
2009-2010	Founder and Director, Personalized Genomic Medicine Center
2010-Present	Professor, Section of Clinical Genetics and Metabolism, Department of Pediatrics, University of Colorado School of Medicine
2010-2012	Executive Director, Linda Crnic Institute for Down Syndrome Anna and John J. Sie Endowed Chair in Down Syndrome Research and Clinical Care
2012-Present	Faculty Associate, Institute for Society and Genetics, UCLA
2012-Present	Trustee, March of Dimes Foundation Board of Trustees
2012-2013	Senior Vice President and Medical Director, March of Dimes

4. Hospital, Government or Other Professional Positions

1995-2010	Founder (1995), and Physician-in-Chief, UCLA Children's Hospital (1995-1998) and Mattel Children's Hospital at UCLA (1998-2010)

5. Honors, Special Recognitions and Awards:

1961-1969	Research Fellowship, National Institute of Mental Health Neurosciences Training Program, Pediatrics Research Laboratory, University of Maryland School of Medicine, Baltimore, Maryland
1963-1964	Maryland State Scholarship, Johns Hopkins University, Baltimore, Maryland
1963-1967	Kingsville-Perry Hall Lions Club Scholarship, Johns Hopkins University, Baltimore, Maryland
1963-1967	Johns Hopkins University Honorary Scholarship, Johns Hopkins University, Baltimore, Maryland
1967	B.A. with General Honors, Johns Hopkins University, Baltimore, Maryland
1967-1968	Warfield Freshman Merit Scholarship, University of Maryland School of Medicine, Baltimore, Maryland

1968-1969	Dr. Michael Vinceguerra Scholarship, University of Maryland School of Medicine, Baltimore, Maryland
1969-1972	Research Fellowship, National Heart and Lung Institute Training Grant, Department of Pharmacology, University of Southern California School of Medicine, Los Angeles, California
1971	Sigma Xi
1972	American Society of Pharmacology and Experimental Therapeutics Workshop -- Neuropsychopharmacology, Vanderbilt University, Nashville, Tennessee
1972-1973	Aull Scholarship, University of Southern California School of Medicine, Los Angeles, California
1973	Burns-Pine Award for Alcohol Related Research, University of Southern California School of Medicine, Los Angeles, California
1974	United Cerebral Palsy Foundation-J. William Hillman Medical Student Fellowship, Department of Obstetrics and Gynecology, University of Southern California School of Medicine, Los Angeles, California
1974	Alpha Omega Alpha
1974	Phi Kappa Phi
1977-1980	Clinical Associate Physician, Children's Clinical Research Center, University Hospital, Denver, Colorado
1981-1984	Basil O'Connor Starter Research Grantee, University of Colorado School of Medicine, Denver, Colorado
1989	Harry A. Waisman Memorial Lectureship, University of Wisconsin, Madison, Wisconsin
1991	Bishop John J. Russell and Sister Rita Thomas Lectureship, St. Mary’s Hospital, Richmond, Virginia
1993	E. Mead Johnson Award, Society for Pediatric Research
1995	Ben Kagan Lectureship, Cedars-Sinai Medical Center, Los Angeles, California
1995	J.C. Wilt Lectureship, School of Public Health, Winnipeg, Manitoba, Canada
1995	NICHD Lectureship, Perinatal Research Society Annual Meeting, Cape Cod, Massachusetts
1996	J. Edward Berk Annual Lectureship, University of California, Irvine, California
1997	Bilderback Lectureship, Oregon Health Sciences University, Portland, Oregon
1997	Harry Gordon Alumni Award for Outstanding Achievement in Academic Medicine, University of Colorado Health Sciences Center, Denver, Colorado
1998	Samuel W. Clausen Lectureship, University of Rochester School of Medicine, Rochester, New York

2000	Jimmy Simons Lectureship, Wake Forrest University School of Medicine, Winston-Salem, North Carolina
2001	Joseph W. St. Geme, Jr., Education Award, Western Society for Pediatric Research, Carmel, California
2001	Anna Borun and Harry Borun Foundation Visiting Professor in Cardiology, UCLA Department of Internal Medicine, April 12, 2001, Los Angeles, California
2001	Institute of Medicine
2001	First Florence Char, M.D., Visiting Professor, Department of Pediatrics, University of Arkansas
2003	Fellow of the American Association for the Advancement of Science
2003	Dorothy Waffarn Memorial Lecture, Department of Pediatrics, University of California, Irvine
2004	Distinguished Professor, Departments of Pediatrics and Human Genetics, UCLA
2005	Ben Kagan Lectureship, Cedars-Sinai Medical Center, Los Angeles, California
2005	Maureen Andrew Mentorship Award, Society for Pediatric Research
2005	Membership, Japanese Society for Inherited Metabolic Disease
2005	Mattel Executive Endowed Chair, Department of Pediatrics, David Geffen School of Medicine at UCLA
2006	Glasgow Visitng Professorship, Department of Pediatrics, University of Utah School of Medicine
2007	Nominted for the 2008 (24^{th}) Japan Prize for Medical Genomics and Genetics
2007	Vince Kidd Postdoctoral Fellow Memorial Lecture, St. Jude Children's Research Hospital
2007	Dean Eugene Weber Honors Collegium Distinguished Teaching Award, UCLA
2007	Adjunct Professor, Department of Pediatrics, Jikei University School of Medicine, Tokyo
2007	Scriver Family Visiting Professorship in Genetic Medicine, McGill University, Montreal, Quebec, Canada
2010	Distinguished Professor of Pediatrics and Human Genetics Emeritus
2010	Anna and John J. Sie Endowed Chair in Down Syndrome Research and Clinical Care
2011	15^{th} Annual Department of Paediatrics Laboratory Medicine Lectureship and 9^{th} Laurence E. Becker Symposium Keynote Address, The Hospital for Sick Children, University of Toronto, Toronto, Ontario, Canada
2011	Theodore D. Tjossen Research Award, National Down Syndrome Congress, to the Linda Crnic Institute for Down Syndrome

6. Membership in Professional Organizations:

American Association for the Advancement of Science (Since 1961)
Sigma Xi (Since 1972)
Phi Kappa Phi (Since 1972)
Alpha Omega Alpha (Since 1973)
Society for Inherited Metabolic Disorders-Charter Member (Since 1977)
Western Society for Pediatric Research (Since 1978)
American Society for Human Genetics (Since 1979)
American Academy of Pediatrics – Fellow (Since 1979)
Society for the Study of Inborn Errors Of Metabolism (Since 1980)
American Federation for Clinical Research (Since 1981)
Society for Pediatric Research (Since 1987), Emeritus (Since 2011)
Society for Newborn Screening (Since 1988)
New York Academy of Sciences (Since 1990)
American Pediatric Society (Since 1992)
American Society for Biochemistry and Molecular Biology (Since 1993)
American College of Medical Genetics – Fellow (Since 1993)
The Endocrine Society (Since 1994)
Southwest Pediatric Society (Since 1994)
Perinatal Research Society (Since 1995)
American Federation for Medical Research (Since 1996)
American Diabetes Association (Since 1997)
American Public Health Association (Since 2013)

7. Major Committee and Service Responsibilities:

University of Colorado School of Medicine:

1977-1979	Summer Camp Medical Director, Diabetes Mellitus -- American Diabetes Association, Colorado Affiliate
1978-1982	Alternate for Department of Pediatrics and Member of High-Risk Subcommittee, Human Subjects Committee
1978-1982	Medical Student Advisor, years 3 and 4
1979-1981	Research Coordinator, Diabetes Mellitus -- American Diabetes Association, Colorado Affiliate
1979-1986	By-Laws Committee of the Medical Staff, University Hospital
1980-1981	Chair, Research Committee, Department of Pediatrics
1980-1986	Member, Interdepartmental Genetics Committee
1980-1986	Graduate School Faculty
1981	Health Care Quality Assurance Committee, Consultant for Review of Pediatric Outpatient Management of Juvenile Diabetes
1981-1982	Chair, Curriculum Committee, Interdepartmental Genetics Program
1981-1982	Assistant Director, B. F. Stolinsky Research Laboratories, Department of Pediatrics

1981-1983	Chair, Housestaff Program Committee, Department of Pediatrics
1981-1986	Faculty Incentive Fund Committee, Department of Pediatrics
1981-1986	Affiliate Member, Nutrition Institute, Colorado State University
1982-1983	Member, Human Subjects Committee
1982-1986	Medical Student Advisor, Years 3 and 4, M.D.-Ph.D. Students
1983-1986	Associate Director, B. F. Stolinsky Research Laboratories, Department of Pediatrics
1984-1985	Acting Head, Section of Genetics, Department of Pediatrics
1984-1985	Acting Director, B.F. Stolinsky Research Laboratories, Department of Pediatrics
1985-1986	Member, Steering Committee and Recruiting Subcommittee, Medical Scientist Training Program (MSTP)
1977-1980	Member, Medical Advisory Board, Juvenile Diabetes Foundation, Denver Metro Chapter
1977-1983	Clinic Director, National Collaborative Study of Children Treated for PKU
1977-1986	Member, Medical Advisory Committee, Mountain States Newborn Screening Laboratory for Genetic Disease

Baylor College of Medicine:

1986-1989	Faculty Advisor, Bugher Molecular Cardiology Program
1986-1994	Training Faculty, Medical Genetics Research Fellowship Training Program
1987-1994	Faculty Advisor, Medical Scientist Training Program
1987-1989	Chair, Training Committee, Joseph P. Kennedy, Jr. Mental Retardation Fluid Research Grant
1988-1990	Member, Graduate Program Standing Examination Committee, Institute for Molecular Genetics
1988-1994	Director, Baylor Mental Retardation Research Center
1988-1994	Director, Baylor Laboratory Training Program
1988-1994	Member, Housestaff Selection Committee, Department of Pediatrics
1989-1994	Member, Clinical Investigation and Publications Committee, Texas Children's Hospital
1989-1994	Member, Department Seminar Committee, Institute for Molecular Genetics
1989-1994	Member, Development and Operations Advisory Committee, Institute for Molecular Genetics

1990	Chair, Liaison Committee on Medical Education Academic Unit Review Team, Department of Biochemistry
1990-1994	Member, Departmental Promotions Committee, Institute for Molecular Genetics
1990-1994	Program Director and Core Laboratory Director, Baylor Child Health Research Center
1990-1994	Member, Baylor Research Advisory Committee
1990-1994	Chair, Clinical Faculty Recruitment Committee, Institute for Molecular Genetics
1992-1994	Member, Executive Committee, Postdoctoral Training Program in Maternal/Infant/Child Nutrition, Baylor Clinical Nutritional Research Center
1992-1994	Member, Advisory Board, Molecular Biology Computer Resource
1992-1994	Chair, Clinical Services Committee, Institute for Molecular Genetics
1992-1994	Chair, Scientific Advisory Committee, Clinical Research Center, Texas Children's Hospital
1992-1994	Member, Medical Scientist Training Program Operating Committee
1993	Member, Search Committee for the Director, Clinical Nutrition Center
1993-1994	Member, Advisory Committee, Molecular Medicine Program
1993-1994	Program Director, Pediatric Clinical Research Center, Texas Children's Hospital, Houston, Texas
1993-1994	Chair, Space Committee, Institute for Molecular Genetics
1993-1994	Member, Department of Molecular Physiology and Biophysics Academic Unit Review Committee
1993-1994	Member, Advisory Committee, Gene Therapy Program
1994	Member, Academic Council, Department of Pediatrics

UCLA School of Medicine

1994-1997	Member, Search Committee for Chair, Department of Genetics
1994-2010	Editorial Board, UCLA Medicine
1995-1999	Member, Clinical Advisory Council
1995-1996	Chair, Search Committee for Chair, Department of Surgery
1995-2010	Member, Faculty Practice Group Board
1995-2010	Member, Mental Retardation Research Center Faculty Advisory Committee
1995-2010	Member, Medical Staff Executive Committee
1995-1998	Member, Credentials Committee

1995-2010	Member, Robert Wood Johnson Clinical Scholars Policy Advisory Committee
1995-1999	Member, Clinical Effectiveness Executive Steering Committee
1996-1999	Member, School of Medicine Frontiers of Medical Science Bridge Award Committee
1996-1997	Member, Rheumatology Search Committee
1996-2002	Member, School of Medicine Lectureship Committee
1996-2000	Member, Cancer Genetics Working Group
1996-1999	Member, Master Plan Steering Committee
1997-1998	Chair, Programs and Partnerships Committee, UCLA Medical Enterprise Master Planning
1997	Member, R-Net Research Community Panel
1997-1999	Member, School of Medicine Research Advisory Committee
1997-1999	Member, Design/Public Areas Planning Committee, UCLA Medical Center Physical Planning and Programming
1997-2010	Member, Human Research Policy Board; Chair, Subcommittee on Genetic Research (1998-2002)
1997-1999	Member, Faculty Advisory Committee, UCLA-DOE Lab of Structural Biology and Molecular Medicine
1998-2000	Member, Dean's Focus Group on Genetics/Genomics
1998-2000	Member, Dean's Focus Group on Developmental Biology
1998	Member, Gordon and Virginia MacDonald Distinguished Chair in Human Genetics Committee
1998-2010	Member, Health Services Research Policy Committee
2000-2003	Member, Clinical Enterprise Executive Committee; Chair, Finance Subcommittee
2000-2002	Chair, Neurology Chair Search
2000-2010	Member, Clinical Pharmacology Core Group
2001-2010	Member, Medical Center Board of Advisors
2001-2003	Member, UCLA/Drew Center of Excellence Advisory Board
2002	Member, Advisory Group for the Selection of the Executive Vice Chancellor at UCLA
2003-2004	Member, Human Genetics Chair Search
2003-2005	Member, Faculty Practice Group Executive Committee

2003-2010	Member, Vice Chancellor and Clinical Chairs
2003-2004	Member, Head of Hospital Search
2004-2010	Member, LCME Task Force
2004-2005	Member, Chief Operating Officer, UCLA Medical Center, Search
2005-2010	Member, Budget and Finance Committee, Faculty Practice Group
2007-2010	Member, Scientific Advisory Committee, LA Biomedical Research Institute
2008-2009	Member, Search Committee for UCLA Associate Vice Chancellor, Hospital System
2008-2010	Member, Board of Directors, Health Sciences Theme Community, Office of Residential Life
2009-2010	Member, Advisory Committee, The Burroughs Wellcome Fund Inter-school Training Program in Metabolic Diseases
2009-2010	Member, Vice Chancellor's Advisory Group on Strategic Planning

University of Colorado Denver:

2010-2012	Member, Dean's Executive Committee
2010-2012	Chair, Scientific Director Search Committee, Linda Crnic Institute for Down Syndrome
2010-2011	Chair, Assistant Professor Search Committee, Linda Crnic Institute for Down Syndrome
2011-2012	Member, Reseach Executive Steering Committee, Department of Pediatrics
2011-2012	Member, Genetics and Ethics Conference Steering Committee
2011-2012	Member, Assistant Professor Search Committee, CU Boulder
2012	Member, Dean's Advisory Committee

March of Dimes:

2012-Present	Member, March of Dimes Board of Trustees
2012-Present	Member, Program and Communications Committee, March of Dimes Board of Trustees

State, National and International Committees:

1977-2000	National Alumni Schools Committee, Johns Hopkins University, Interviewer for Undergraduate Applicants
1978	Chair, Program Committee, First Scientific Program, Society for Inherited Metabolic Disorders
1978-1980	Medical Staff, Children's Diabetes Foundation at Denver
1978-1981	Board of Directors, Diabetes Mellitus-American Diabetes Association Colorado Affiliate

1979	Member, Task Force on Biopterin, Subcommittee on Amino Acid Modified Diets, Committee on Nutrition, American Academy of Pediatrics
1980-1981	Consultant, Committee on Genetics, American Academy of Pediatrics
1983-1990	Member, Food and Drug Administration Orphan Drug Review Panel
1984-1986	Member, Food and Drug Administration-American Academy of Pediatrics Task Force on Special Formulas
1984-1986	Clinic Director, Maternal PKU Collaborative Study
1986-1987	Consultant, Committee on Genetics, American Academy of Pediatrics
1987-2000	Member, Health and Human Services Select Panel on Newborn Screening, Maternal and Child Health Bureau
1987-1991	Chair, Committee on Genetics, American Academy of Pediatrics
1988-1994	Interagency Council for Genetics Services in Texas, Chair (1988-1991); Representative of Private Contractors (1988-1994)
1988-1989	Member, Prevention of Mental Retardation and Related Disabilities in Texas Steering Committee
1988-1994	Member, Texas Sickle Hemoglobinopathy Advisory Committee
1989-1990	Member, Local Organizing Committee, Fifth International Congress of Inborn Errors of Metabolism
1989-1994	American Academy of Pediatrics Representative, Newborn Screening Committee, Council of Regional Networks for Genetic Services
1989	Member, Human Genetics Branch Site Visit Committee, National Institute of Child Health and Human Development
1990-1995	Section on Genetics, American Academy of Pediatrics, CoFounder (1990); Member of the Executive Committee and Program CoChair (1990-1993), Chair of the Executive Committee (1993-1995)
1990-1994	Delegate Representing the Texas Genetics Network, Council of Regional Networks for Genetic Services
1991-1994	Member, Advisory Board, Children's PKU Network
1991-1993	Chair, Subcommittee on Biochemical Proficiency Testing, and Member, Genetic Services Committee, American Society of Human Genetics
1991-1994	Member, Advisory Committee, State Governments and the Human Genome Project, The Council of State Governments
1992-1997	Member, Board of Directors, and Rules and Regulations Committee, and Chair, Accreditation Committee (1992-1994); Vice President (1993-1994); President (1995-1996);

	Member, Recertification Committee (1996-1997); Member, Credentials Committee (1997); American Board of Medical Genetics
1992-1994	American Academy of Pediatrics Representative, Consortium on Rare Diseases, Orphan Products Board, Food and Drug Administration
1992-1994	Chair, Scientific Advisory Committee on Neural Tube Defects, Department of Health, State of Texas
1992-1994	Member, Texas Office of Prevention of Developmental Disabilities Advisory Committee
1993-1994	Chair, Mental Retardation Research Center Directors
1993-1997	Member, Medical Genetics Residency Review Committee, Accreditation Council for Graduate Medical Education
1993-1994	Member, Working Group, NIGMS Human Genetic Mutant Cell Repository
1993-1994	Member, Nominations Committee, American Pediatric Society
1993-1999	Member, Joint Committee on Professional Practices, American College of Medical Genetics
1993-1995	Genetic Screening Subcommittee, Clinical Practice Committee, American College of Medical Genetics; Member (1993-1994); Chair (1994-1995)
1993-1995	Member, Quality Assurance Subcommittee and CAP/ACMG Joint Subcommittee, Laboratory Practice Committee, American College of Medical Genetics
1994-1996	Chair, National Institutes of Health Technical Assessment Conference on Gaucher Disease
1995-1996	President, Council of Medical Genetics Organizations
1995-1999	Association of Medical School Pediatric Department Chairmen, Member of the Executive Committee (1995-1998); Chair, Frontiers in Science Program (1995-1999)
1995-1996	Chair, Rapid Action Task Force on Informed Consent for Genetic Research, American Society for Human Genetics
1995-2005	Member, International Healthcare Leadership Council; Member, Health Advisory Board, Starbright
1995-1999	Member, National Advisory Child Health and Human Development Council of the National Institutes of Health; Member (1995-1997) and Chair (1998-1999), Subcommittee on Planning and Policy; Chair (1998-1999), Subcommittee on Center for Research for Mothers and Children
1995-2000	American Pediatric Society Representative to the Council on Pediatric Education, American Academy of Pediatrics; Member, Pediatric Subspecialists of the Future Work Group, Future of Pediatric Education II (FOPE)
1996-2000	Member, Committee on Certification, Subcertification, and Recertification (COCERT), American Board of Medical Specialties
1997-2006	Member, Selection Committee, Pediatric Scientist Development Program

1997-2000	Member, Program Committee, American Society of Human Genetics
1998-2002	Member, Biochemical Genetics Committee, Association of Professors of Human and Medical Genetics
1998-2001	Member, Genetic Testing Workgroup, Centers for Disease Control
1998	American Academy of Pediatrics Representative, Workshop on Ethical, Legal and Social Issues Surrounding Children in Clinical Research, Institute of Medicine
1998-2000	Member, NICHD Planning Committee for the Consensus Development Conference on Screening and Management for Phenylketonuria
1998	Commentator, Fragile X Syndrome Consensus Development Conference, NICHD
1998-2000	Member, Robert Wood Johnson Folic Acid Panel
1999-2004	President-Elect (1999-2000); President (2001-2002); and Immediate Past President (2003-2004), American College of Medical Genetics
1999-2003	Member, Selection Committee, Samuel Rosenthal Foundation Prize for Academic Achievement in Pediatrics
1999-2000	Co-Chair, Newborn Screening Task Force, Maternal and Child Health Bureau and American Academy of Pediatrics
1999-2002	Chair, Secretary's Advisory Committee on Genetic Testing
1999-2000	Member, Advisory Board, Rx Laughter
1999-2004	Member, External Advisory Board, Yale Child Health Research Center
1999-2004	Member, External Advisory Board, Minnesota Child Health Research Center
1999-2008	Member, Sponsor Committee, Glazer Pediatric Clinical Trials Network
2000-2006	Member, American Board of Pediatrics Subspecialties Committee
2001-2003	President-Elect (2001-2002) and President (2002-2003), Western Society for Pediatric Research
2001-2002	Member, Human Cloning Panel, Committee on Science, Engineering and Public Policy, National Academy of Sciences
2002-2008	American Pediatric Society Council: Member (2002-2005), Vice President (2005-2006), President (2006-2007), and Past-President (2007-2008)
2002	Co-Chair, Workshop to Develop Newborn Screening Technology for SCID, National Institute of Child Health and Human Development
2002-2005	Chair (2002-2004) and Member (2004-2005), Secretary's Advisory Committee on Genetics, Health and Society
2004-2007	Member, Blue Ribbon Panel Review and author of report, NICHD Division of Intramural Research

2005-2007	Member, Advisory Panel, National Children's Study
2005-2006	Member, External Review Committee, Mental Retardation and Developmental Disabilities Research Branch, NICHD
2005-2007	Member, Program Committee, Pediatric Academic Societies
2006-2007	Member, Residency Review and Redesign in Pediatrics Committee, American Board of Pediatrics
2006-2009	Chair, Japan-Pacific Rim Workgroup, American Pediatric Society
2007-2008	Chair, Maureen Andrew Mentor Award Committee, Society for Pediatric Research
2007-2009	Member, Advisory Board, IBM World Community Grid
2008-2011	President Elect (2008), President (2009) and Past President (2010-2011), American Society of Human Genetics
2008-2010	Genomics Strategic Program Area Expert Panel Member, VA Greater Los Angeles Center of Excellence for the Study of Healthcare Provider Behavior, RAND Corporation
2008-2010	Member, FASEB International Subcommittee
2008-2014	Member, Board of Appeals Panel for Medical Genetics, Accreditation Council for Graduate Medical Education
2009	President, International Congress on Inborn Errors of Metabolism
2010-2011	Member, Search Committee, Scientific Director, March of Dimes
2011-Present	Member, Advisory Board, Medical Genetics Milestone Project, Accreditation Council for Graduate Medical Education and American Board of Medical Genetics
2011-Present	Member, FASEB Scientific Policy Committee
2011-2012	Ex-Officio Member, NICHD Down Syndrome Research Consortium
2012-Present	Member, National Blood Disorders Program, National Heart. Lung and Blood Institute
2012-Present	Member, Board of Directors, FASEB
2012-Present	Member, International Advisory Board, Advanced Research Institute of Clinical Research and Asian Lysosomal Storage Disease Research Center, Jikei University, Tokyo, Japan
2013-Present	March of Dimes Representative and Member, Laboratory Standards and Procedures Subcommittee, Health and Human Services Secretary's Advisory Committee on Heritable Disorders in Newborns and Children
2013-Present	March of Dimes Representative and Member, U.S. Preventive Services Task Force
2013-Present	March of Dimes Representative and Member, Steering Committee, Congenital Heart Public Health Consortium

2013-Present	March of Dimes Representative and Member, Program Committee, Pediatric Academic Societies
2013-Present	Member, Lifelong Care Committee, Congenital Heart Public Health Consortium
2013-Present	Member, Blue Ribbon Public Health Employer's Advisory Board, Association of Schools and Programs of Public Health

8. Licensure and Board Certification:

Licensure:

State of California G-39458, June 18, 1979

State of Texas H0082, August 23, 1986

State of Colorado 20232, March 24, 2011

Board Certification:

Diplomate, National Board of Medical Examiners (No. 119535, July 1, 1975)

Diplomate, American Board of Pediatrics (No. 22685, April 8, 1979)

Diplomate, American Board of Medical Genetics, Clinical Genetics and Biochemical Genetics (No.1325, March 19, 1982)

Founding Fellow AMA, M.D. of the American College of Medical Genetics (February l, 1993)

Active Candidate Status, Clinical Molecular Genetics, American Board of Medical Genetics (February l0, 1993)

9. Inventions, Intellectual Property and Patents Held or Pending:

U.S. Patent 6,465,627B2, DAX1 Protein Methods for Production and Use Thereof (Eric Vilain, Tom Burris, Edward R.B. McCabe, Weiwen Guo)

U.S. Patent No. 7,691, 626, Self-Contained Cell Culture Apparatus and Method of Use (Edward R.B. McCabe, Urvashi Bhardwaj, Zakir Rangwala)

Provisional Patent 60/783,456, Rodent Genotyping Using Modified Pipette tips (Edward R.B. McCabe, Bing-Ling Huang, Yao-Hua Zhang, Nicole MacLennan)

10. Review and Referee Work:

Editorial Boards:

1979-1987	Biochemical Medicine
1987-1990	Associate Editor, Biochemical Medicine and Metabolic Biology
1989-1994	Associate Editor for Research News, National PKU Newsletter

1990-Present	Editor, Biochemical Medicine and Metabolic Biology (1990-1994); Biochemical and Molecular Medicine (1995-1997); Molecular Genetics and Metabolism (1998-Present)
1991-1994	Advisory Board, Screening
1991-1994	Communicating Editor, Human Mutation
1993-1994	Associate Editor, American Journal on Mental Retardation
1995-1997	Biochemical Genetics Section Editor, American Journal of Medical Genetics
1996	Guest Editor, The Molecular Medicine of Mental Retardation and Developmental Disabilities, Mental Retardation and Developmental Disabilities Reviews
2004-2010	Associate Editor, Pediatric Research
2006-Present	Member, Editorial Board, Current Opinions in Pediatrics
2009-Present	Member, Scientific Advisory Board, Journal of the Association for Laboratory Automation
2010	Guest Editor, NanoPediatrics Issue, Pediatric Research

Grant Review Committees and Study Sections:

1985	Member, National Institute of Child Health and Human Development Special Contract Review Panel
1988-1989	Consultant, National Institute of Child Health and Human Development Program Project Grant Review Panel
1988-1996	Maternal and Child Health Genetic Disease Program Ad Hoc Objective Review; Member (1988); Chair (1989, 1990, 1991, 1992, 1993, 1994, 1995, and 1996)
1989	Member, Nutritional Therapy of Inborn Errors of Metabolism, NIH Ad Hoc Review Panel
1989	Ad Hoc Member, NIH Biochemistry Study Section
1989-1992	Member (1989-1991) and Chair (1991-1992), Mental Retardation Research Committee, National Institute of Child Health and Human Development
1992	Ad Hoc Member, Grant Review Panel, March of Dimes Birth Defects Foundation
1992-2003	Member, National Institutes of Health Reviewers Reserve
1994-1999	Member (1994-1996) and Chair, (1997-1999), Basil O'Connor Award Committee,and Member (*Ex-Officio;* 1997-1999), Scientific Advisory Council, March of Dimes Birth Defects Foundation
1995-1998	Member (1995-1997) and Chair (1998), Scientific Advisory Committee, Hereditary Disease Foundation
2006	External Reviewer, Canadian Institutes of Health Research

2006-Present	Member, Review Panel, Office of Rare Disorders, National Institute of Child Health and Human Development
2010	Member, Stage 2 Distinguished Editorial Panel (Human Genetics, Biochemical Genetics; Genomics and Gene Therapy), Center for Scientific Review, National Institutes of Health
2012	Member, Review Panel, Medical Genetics Branch, National Human Genetics Research Institute

Ad Hoc Reviewer:
Science
Muscle and Nerve
Pediatric Research
American Journal of Diseases of Children
Journal of Pediatrics
Clinical Chemistry
American Journal of Human Genetics
American Journal of Medical Genetics
Dysmorphology and Clinical Genetics
Pediatrics
BioTechniques
Journal of Genetic Counseling
Nucleic Acid Research
Proceedings of the National Academy of Sciences, USA
Human Genetics
American Journal of Physiology: Endocrinology and Metabolism
PCR Methods and Applications
Biochemical Genetics
European Journal of Biochemistry
Genomics
Prenatal Diagnosis
Human Mutation
Human Molecular Genetics
Journal of Epidemiology
Journal of the American Medical Association
Prenatal Diagnosis
Circulation
Archives of Medical Research
Journal of Clinical Investigation
Journal of Clinical Endocrinology and Metabolism
Trends in Genetics
Molecular Genetics and Metabolism

11. Invited Extramural Lectures, Presentations and Visiting Professorships

University of Colorado Health Science Center – National:

Clinical Subtypes of Glycerol Kinase Deficiency, Their Diagnosis and Management, National Institutes of Health, June 1984, Washington, D.C.

Baylor – Local:

Basic Research in Sickle Cell Diagnosis: DNA Analysis, Sickle Cell: Twenty Years of Progress, September 14, 1991, Houston, Texas

Molecular Genetics of Glycerol Kinase Deficiency and Hexokinase Binding to Porin, Department of Pathology and Laboratory Medicine, University of Texas Health Science Center at Houston, April 2, 1992, Houston, Texas

Newborn Screening: Principles, Practice and Prudence, Pediatric Postgraduate Symposium, April l7, 1993, Houston, Texas

Evaluation of the Dysmorphic Child, Genetics Training Program for Nurses, Northwest Memorial Hospital, October 2, 1993, Houston, Texas

Newborn Screening: What Do Those Blood Spots Tell Us?, Genetics at a Turning Point, October 30, 1993, Houston, Texas

Molecular Pediatrics from Rare Disease to Public Health, Pediatric Grand Rounds, University of Texas Health Science Center, November 2, 1993, Houston, Texas

Baylor – Regional:

Introduction to Genetics, The Shape of Things to Come: Genetics for Clinic, Classroom and Community, Scott and White, October 2, 1992, Temple, Texas

Indications for Referral, The Shape of Things to Come: Genetics for Clinic, Classroom and Community, Scott and White, October 2, 1992, Temple, Texas

New Technologies/The Human Genome Project, The Shape of Things to Come: Genetics for Clinic, Classroom and Community, Scott and White, October 2, 1992, Temple, Texas

Molecular Genetics Follow-up, Newborn Screening Hemoglobinopathy Program Annual Meeting, February 22, 1993, Austin, Texas

Newborn Screening: PKU, Galactosemia, and the Hemoglobinopathies, A Practical Approach to Incorporating Genetics into Primary Health Care, Texas Medical Association, August 27, 1993, Austin, Texas

Baylor – National:

Molecular Genetic Approaches to Newborn Screening for Sickle Cell Disease and Other Disorders, Center for Disease Control, April 4-6, 1988, Atlanta, Georgia

Glycerol Kinase and Hexokinase: Biochemical and Molecular Genetic Investigations of Compartmented Enzymes, Department of Pharmacology, University of Southern California School of Medicine, May 20, 1988, Los Angeles, California

The Top Ten Problems in Screening Programs, 6th National Neonatal Screening Symposium, May 22-25, 1988, Portland, Oregon

Newborn Screening for Sickle Cell Disease: Molecular Genetic Strategy, 6th National Neonatal Screening Symposium, May 22-25, 1988, Portland, Oregon

Newborn Screening: New Diseases and New Directions, American Academy of Pediatrics Annual Meeting, October 20, 1988, San Francisco, California

Glycerol Kinase and Hexokinase: Genetics and Biology of Two Channel-Binding Enzymes, Oregon Health Sciences Center, May 25, 1989, Portland, Oregon

Newborn Screens for Genetic Diseases, Pediatric Grand Rounds, Wesley Medical Center, June 30, 1989, Wichita, Kansas

Glycerol Kinase Deficiency: A Contiguous Gene Syndrome Involving This Channel Binding Enzyme, University of Alabama School of Medicine, July 18, 1989, Birmingham, Alabama

Metabolic Emergencies, John A. Burns School of Medicine, University of Hawaii at Manoa, September 22, 1989, Honolulu, Hawaii

Glycerol Kinase Deficiency and Related Xp21 Loci, John A. Burns School of Medicine, University of Hawaii at Manoa, September 22, 1989, Honolulu, Hawaii

Recombinant DNA Diagnosis Using Blood Spots from Newborn Screening Blotters, John A. Burns School of Medicine, University of Hawaii at Manoa, September 22, 1989, Honolulu, Hawaii

Molecular Genetic Investigations of Mental Retardation, 17th Harry A. Waisman Memorial Lecture, Harry A. Waisman Center on Mental Retardation and Human Development, University of Wisconsin, October 5, 1989, Madison., Wisconsin

Molecular Genetic Analysis of Dried Blood Specimens on Filter Paper Blotters: Evolving Applications for Newborn Screening and Other Programs, 7th National Neonatal Screening Symposium, November 16-18, 1989, New Orleans, Louisiana

Glycerol Kinase Deficiency: A Contiguous Gene Syndrome Involving This Channel Binding Enzyme, Department of Pharmacology, University of Southern California School of Medicine, February 23, 1990, Los Angeles, California

Molecular Genetic Investigations of Mental Retardation, Sparks Center for Mental Retardation, University of Alabama School of Medicine, March 13, 1990, Birmingham, Alabama

Genetic Screening for the Next Decade: Application of Present and New Technologies, Keynote Address, New Technologies for Genetic and Newborn Screening, Yale University School of Medicine, April 23, 1990, New Haven, Connecticut

Molecular Genetic Applications to Newborn Screening, Southern Genetics Group, July 19-21, 1990, Destin, Florida

DNA Analysis on Dried Blood Spots: The New Genetics Comes to Newborn Screening, Nichols Institute, July 31, 1990, San Juan Capistrano, California

DNA from Dried Blood Specimens: Molecular Genetics Comes to Newborn Screening. Mountain States Regional Genetic Services Network Meeting, August 23-25, 1990, Vail, Colorado

DNA - Coming Soon to a Lab Near You, Special Genes Meeting/New York State Newborn Screening Program 25th Anniversary Celebration, September 14, 1990, Albany, New York

DNA Analysis in Newborn Screening, Pacific Southwest Regional Genetics Network, September 28, 1990, Berkeley, California

DNA Forensics: Effective Application to Pediatric Practice, American Academy of Pediatrics Annual Meeting, October 10, 1990, Boston, Massachusetts

Direct DNA Amplification without Microextraction Facilitates Molecular Genetic Analysis of Neonatal Screening Specimens, 8th National Neonatal Screening Symposium, January 31, 1991, Saratoga Springs, New York

DNA Analysis Using Newborn Screening Specimens: Evolving Applications for Dried Blood Spot Technology, DNA-Based Diagnosis: From Research to Application, The Banbury Center, Cold Spring Harbor Laboratory, March 31-April 3, 1991, Cold Spring Harbor, New York

DNA Forensics: Rape, Murder, Paternity, Bishop John J. Russell and Sister Rita Thomas Lectures, St. Mary's Hospital, April 3, 1991, Richmond, Virginia

The Impact of Genetic Information on the Practice of Pediatrics, Biotechnology and the Diagnosis of Genetic Disease, Georgetown University Medical Center, April 19, 1991, Arlington, Virginia

Molecular Genetics of Mental Retardation: Gene Mapping, Function, and Therapy, Minnesota Center for Research in Developmental Disabilities, University of Minnesota, May 14, 1991, Minneapolis, Minnesota

Congenital Adrenal Hypoplasia: Molecular Genetic Analysis and Diagnosis, The Nichols Institute, June 4, 1991, San Juan Capistrano, California

Developmental Expression, Evolution, and Structure to Function Analysis of a Cloned HKl cDNA, March of Dimes Birth Defects Foundation Pre/Postdoctoral Research Fellows Symposium, June 11, 1991, Hilton Head, South Carolina

Prenatal Genetics Laboratory Techniques, The Perinatal Scientist in the 1990's, 3rd Annual NICHD Aspen Conference, August 23, 1991, Aspen, Colorado

Molecular Medicine and Biotechnology: New Directions in Health Care Delivery, The Claremont Colleges, October 28, 1991, Claremont, California

Recognition and Management of Inborn Errors of Metabolism, American Academy of Pediatrics Annual Meeting, October 30, 1991, New Orleans, Louisiana

Biotechnology and Molecular Medicine: New Directions in Pediatric Practice, Pediatric Grand Rounds, Harbor UCLA Medical Center, October 31, 1991, Torrance, California

Glycerol Kinase and Hexokinase: Molecular Genetics and Mitochondrial Binding, Jefferson Medical College, March 12, 1992, Philadelphia, Pennsylvania

Molecular Genetic Investigations of Suspected Mitochondrial Disease, Role of Mitochondrial Genetics in Mental Retardation, NICHD Workshop, March 30-April l, 1992, Bethesda, Maryland

DNA Fingerprinting for Quality Control of the Organisms Used in Bacterial Inhibition Assays, Ninth National Newborn Screening Symposium, April 7-ll, 1992, Raleigh, North Carolina

Integration of DNA and RNA Methods into a Neonatal Hemoglobinopathy Screening Program; Ninth National Newborn Screening Symposium, April 7-ll, 1992, Raleigh, North Carolina

Contiguous Gene Syndromes: Role in the Etiology of Mental Retardation, American Academy of Pediatrics Spring Session, April ll-l6, 1992, New York, New York

Introduction to DNA Diagnosis and Gene Therapy, American Academy of Pediatrics Spring Session, April ll-l6, 1992, New York, New York

Complex Glycerol Kinase Deficiency: An Xp2l Contiguous Gene Syndrome, Human Genetics Seminar Series, The Mount Sinai Medical Center, April l4, 1992, New York, New York

Glycerol Kinase and Hexokinase: Molecular Genetics and Mitochondrial Targeting, Division of Pediatric Biochemistry, University of Maryland School of Medicine, May 4, 1992, Baltimore, Maryland

RNA and Primer Mismatch DNA Amplification from Initial Specimens Facilitate Neonatal Hemoglobinopathy Screening Confirmation, Society for Pediatric Research Annual Meeting, May 4-7, 1992, Baltimore, Maryland

Guthrie Cards as DNA Source, DNA Databanks and Repositories, Armed Forces Institute of Pathology, May l5-l6, 1992, Bethesda, Maryland

Glycerol Kinase and Hexokinase: Molecular Genetics and Mitochondrial Binding, Department of Pediatrics, University of Washington, June l7, 1992, Seattle, Washington

American Academy of Pediatrics Policy Statements and Issues Related to DNA and RNA Microextraction from Newborn Screening Blood Spots, Workshop on Genetic Diagnosis, Testing and Screening Services: Newborn Screening, Committee on Assessing Genetic Risks: Issues and Implications for Health, Institute of Medicine, June 27-29, 1992, Irvine, California

Regulation, Certification and Public Health, The Future of DNA-Based Diagnosis, The Banbury Center, Cold Spring Harbor Laboratory, January l3, 1993, Cold Spring Harbor, New York

Identification of the Glycerol Kinase Gene Using Genomic Scanning and Patient Deletions, Society of Inherited Metabolic Diseases Annual Meeting, March l5, 1993, Asilomar, California

DNA Diagnosis in Newborn Screening, Association of Maternal and Child Health Programs Annual Meeting, March 22, 1993, Washington, D.C.

Role of Biotechnology in Pediatrics, American Academy of Pediatrics Annual Meeting, March 23, 1993, Chicago, Illinois

Rapid Genomic Scanning for Expressed Sequences: Application to the Glycerol Kinase Region of Xp2l. Society for Pediatric Research Annual Meeting, May 4, 1993, Washington, D.C.

Molecular Pediatrics: From Rare Diseases to Public Health, E. Mead Johnson Award Presentation, Society for Pediatric Research Annual Meeting, May 5, 1993, Washington, D.C.

Epidemiology of Genetic Disorders, Primary Prevention of Developmental Disabilities, Vanderbilt University, May l7, 1993, Nashville, Tennessee

Progress Highlights of the Baylor Mental Retardation Research Center, American Association on Mental Retardation Annual Meeting, June 3, 1993, Washington, D.C.

DNA Diagnosis: Future Trends, Newborn Screening for Sickle Cell Disease Conference, June ll, 1993, Washington, D.C.

Inborn Errors of Metabolism: Emerging Opportunities and Potential Problems in Gene Therapy, Gene Therapy for Mental Retardation and Developmental Disabilities: Prospects and Strategies, NICHD Conference, July 8, 1993, Bethesda, Maryland

Microcompartmentation of Energy Metabolism at the Outer Mitochondrial Membrane: Role in Diabetes and Other Disorders, Energy Genes and Mitochondrial Disease Symposium, American Society for Human Genetics Annual Meeting, October 6, 1993, New Orleans, Louisiana

Automation of Molecular Genetic Screening, Annual Meeting of the Northeastern Section of the American Association for Clinical Chemistry, October 16, 1993, Albany, New York

Molecular Pediatrics: Role of Biotechnology in Clinical Practice, 4th Annual Pediatric Research Symposium, Department of Pediatrics, University of Michigan, October 22, 1993, Ann Arbor, Michigan

The Future of Molecular Genetics Testing in Newborn Screening, Annual American Public Health Association Meeting, October 26, 1993, San Francisco, California

Cloning of the Glycerol Kinase Gene by CAIGES: A New Genomic Scanning Approach, University of Kentucky School of Medicine, December 7-8, 1993, Lexington, Kentucky

Phenylketonuria: Newborn Screening and Gene Therapy, University of Kentucky School of Medicine, December 7-8, 1993, Lexington, Kentucky

Molecular Genetic Diagnosis and Treatment: The Future is Upon Us, Department of Genetics, Yale University School of Medicine, December 14, 1993, New Haven, Connecticut

New Directions in Newborn Screening, Mental Retardation Research Center Seminar, The Children's Hospital of Philadelphia, February 8, 1994, Philadelphia, Pennsylvania

DNA Analysis in Sickle Cell Disease, Southeastern Regional Genetics Group, February 25-27, 1994, Atlanta, Georgia

DNA Techniques for Population-Based Newborn Screening, Southeastern Regional Genetics Group, February 25-27, 1994, Atlanta, Georgia

Molecular Pediatrics: The Role of Biotechnology in Clinical Practice, Pediatric Grand Rounds, University of Minnesota Medical Center, March 9, 1994, Minneapolis, Minnesota

Complex Glycerol Kinase Deficiency: Genomic and Functional Insights from a Contiguous Gene Syndrome, Institute of Human Genetics, University of Minnesota Medical Center, March 10, 1994, Minneapolis, Minnesota

Genetic Disease Diagnosis, Advanced Biotechnology, Food and Drug Administration, April 12, 1994, Washington, D.C.

Metabolic Emergencies, California Association for Medical Laboratory Technicians Seminar, April 30, 1994, Walnut Creek, California

Molecular Genetic Screening: Technological Advances and Ethical Dilemmas; Society for Pediatric Research Annual Meeting, May 2, 1994, Seattle, Washington

Automated DNA Screening and Diagnosis, Society for Pediatric Research Annual Meeting, May 2, 1994, Seattle, Washington

Gene Therapies: Future Therapy for Mental Retardation, American Association for Mental Retardation Annual Meeting, June 3, 1994, Boston, Massachusetts

Automation of Molecular Genetic Screening, 10th National Neonatal Screening Symposium, June 10, 1994, Seattle, Washington

Newborn Screening: Sample Collection and Storage for Future Genetic Studies, Informed Consent for Genetic Studies Using Stored Tissue Samples, NIH/CDC Conference, July 7-8, 1994, Bethesda, Maryland

Baylor – International:

Glycerol Kinase Deficiency and Its Involvement with the Porin Microcompartmentation System, Department of Biology, University of Konstanz, September 1986, Konstanz, West Germany

Newborn Screening and the Diagnosis and Management of Inherited Metabolic Disease, Shanghai Children's Hospital, Xin-Hua Children's Hospital, First Medical College of Shanghai, and Genetics Society of Shanghai, June 1987, Shanghai, China

What's New in DNA/RNA?; Problems in Newborn Screening Programs in Developed Countries, Eighth International Neonatal Screening Symposium, November 12-15, 1991, Leura, Australia

Glycerol Kinase and Hexokinase: Molecular Genetics and Interactions with Porin, November 19, 1991, University of Konstanz, Konstanz, Germany

DNA Techniques for Screening of Inborn Errors of Metabolism, Selective Screening for Inborn Errors of Metabolism. November 20-22, 1991, Fulda, Germany

Role of Porin-Kinase Interactions in Disease, NATO ARW, Molecular Biology of Mitochondrial Transport Systems, September l7-2l, 1992, Pisa, Italy

Cloning the Complete Coding Sequence for the Glycerol Kinase Gene Using a New Genomic Scanning Approach, Department of Genetics, University of Leiden, June 24, 1993, Leiden, The Netherlands

Cloning and Expression of the Human Glycerol Kinase cDNA,University of Konstanz, June 28, 1993, Konstanz, Germany

Cloning the Complete Coding Sequence for the Glycerol Kinase Gene Using a New Genomic Scanning Approach, Institute for Clinical Chemistry, City Hospital, June 30, 1993, Munich, Germany

Cloning and Expression of the Human Glycerol Kinase cDNA, Institute for Cell Biology, ETH Honggerberg, July 2, 1993, Institute for Cell Biology, ETH Honggerberg, Zurich, Switzerland

Automation of Molecular Genetic Screening, 9th International Screening Symposium, September 16, 1993, Lille, France

UCLA – Local:

Xp21 Deletions and Duplications: Simple Explanations Emerge for Complex Phenotypes. UCLA Intercampus Medical Genetics Program Seminar, November 11, 1994, Los Angeles, California

Xp21 Contiguous Gene Syndrome Includes Multiple Loci for Mental Retardation, UCLA Mental Retardation Research Center Retreat, January 12, 1995, Los Angeles, California

Xp21 Disorders: Potential for Gene Therapy, Gene Therapy Program Seminar, Los Angeles, Children's Hospital, March 16, 1995, Los Angeles, California

Impact of Biotechnology on Pediatrics, Pediatric Grand Rounds, Santa Monica Hospital, May 24, 1995, Santa Monica, California

Adrenal Cortical Development and Its Disorders, Ben Kagan Lecture, Cedars-Sinai Medical Center, June 8, 1995, Los Angeles, California

Impact of Biotechnology on the Daily Practice of Pediatrics, Pediatric Grand Rounds, Children’s Hospital of Los Angeles, June 23, 1995, Los Angeles, California

Polymerase Chain Reaction for Bacterial Identification and Screening for Childhood Infections, Pediatric Grand Rounds, Huntington Memorial Hospital, September 20, 1995, Pasadena, California

Molecular Basis of Adrenal Hypoplasia Congenita, Hypogonadotropic Hypogonadism, and Sex Reversal, Combined Endocrine Conference, UCLA School of Medicine, September 27, 1995, Los Angeles, California

Evaluating the Dysmorphic Child, Pediatric Grand Rounds, UCLA School of Medicine, November 3, 1995, Los Angeles, California

Excursions on the X-Chromosome: Positional Cloning in an Xp21 Contiguous Gene Syndrome, Genetics Research Seminar, University of Southern California School of Medicine, November 6, 1995, Los Angeles, California

Positional Cloning of Genes in Xp21 Using a Novel Genomic Scanning Approach, Molecular Biology Institute Faculty Research Seminar, UCLA School of Medicine, November 7, 1995, Los Angeles, California

Molecular Basis of Adrenal Hypoplasia Congenita, Hypogonadotropic Hypogonadism and Sex Reversal, Combined Endocrine Conference, Harbor-UCLA Medical Center, December 5, 1995, Torrance, California

Excursions on the X-Chromosome: Positional Cloning in a Contiguous Gene Syndrome, Human and Molecular Development Research Seminar, UCLA School of Medicine, January 18, 1996, Los Angeles, California

Molecular Genetics: From Rare Disorders to Public Health, Pediatric Grand Rounds, Encino-Tarzana Medical Center, January 30, 1996, Tarzana, California

Metabolic Emergencies, Pediatric Grand Rounds, Olive View-UCLA Medical Center, February 28, 1996, Sylmar, California

Recognition and Management of Inborn Errors of Metabolism, Pediatric Grand Rounds, Memorial Miller Children's Hospital, March 1, 1996, Long Beach, California

Genetics for the Generalist, Harvard-UCLA Lecture Series, March 31, 1996, Long Beach, California

Impact of Biotechnology on Pediatrics, Pediatric Grand Rounds, University of Southern California School of Medicine, April 9, 1996, Los Angeles, California

Molecular Triage of Bacterial Infection, Specialty Laboratories, August 9, 1996, Santa Monica, California

Becoming a Scientist: Let Nature Ask the Questions, Junior Science and Humanities Symposium, Museum of Science and Industry, November 20, 1996, Los Angeles, California

Genetic Screening: Controversy and Opportunity, Southwest Pediatric Society, November 20, 1996, Los Angeles, California

Channel-Kinase Interactions at the Outer Mitochondrial Membrane, Anesthesia Research Seminar, UCLA School of Medicine, December 2, 1996, Los Angeles, California

Genetics Testing: Meeting the Ethical Challenges in the 21st Century, Harvard-UCLA Pri-Med Conference, April 5, 1997, Long Beach, California

Molecular Genetic Diagnosis of Infectious Diseases, Human and Molecular Development Research Seminar, UCLA, April 17, 1997, Los Angeles, California

Molecular Genetic Approaches to the Diagnosis of Infectious Disease, OB/GYN Grand Rounds, UCLA School of Medicine, June 6, 1997, Los Angeles, California

DNA Testing and New Technologies, California Newborn Screening Program Annual Meeting, October 8, 1997, Los Angeles, California

Molecular Genetics for the Practicing Physician, Internal Medicine Grand Rounds, White Memorial Hospital, October 16, 1997, Los Angeles, California

Hexokinase: Role in Diabetes and Cancer, Combined Endocrine Conference, UCLA Medical Center, November 26, 1997, Los Angeles, California

Advances in the Diagnosis of Genetic Disease, Grand Rounds, Department of Pediatrics, King/Drew Medical Center, February 10, 1998, Los Angeles, California

Integrating Newborn Screening into Health Care Delivery, American College of Medical Genetics Annual Meeting, March 1, 1998, Los Angeles, California

Hexokinase: Role in Diabetes Mellitus and Cancer, Basic Science Lecture, Department of Medicine, Harbor-UCLA Medical Center, April 21, 1998, Torrance, California

Genetic Discrimination and Confidentiality of Genetic Testing, Animal Cloning and Other Gene Manipulations: Ethical, Medical and Public Policy Issues Symposium, June 9, 1998, Beverly Hills, California

Genetic Testing: Meeting the Ethical Challenges of the 21st Century, UCLA Department of Medicine Grand Rounds, August 12, 1998, Los Angeles, California

Impact of the Human Genome Project on the Practice of Pediatrics, Grand Rounds, UCLA Department of Pediatrics, October 16, 1998, Los Angeles, California

Molecular Genetic Diagnosis of Bacterial Infection, Grand Rounds,UCLA Department of Pediatrics, February 19, 1999, Los Angeles, California

Preparing a Curriculum Vitae and Applying for Fellowships, UCLA Pediatric Resident Retreat, November 2, 1999, Lake Arrowhead, California

How to Apply for a Fellowship, Life After Residency, January 14, 2000, Marina Del Rey, California

Solving a Clinical Puzzle at the Bench: Odyssey on the X Chromosome, Medical Scientist Training Program, UCLA, January 31, 2000, Los Angeles, California

Molecular Genetics of Glycerol Kinase Deficiency, UCLA ACCESS Graduate Program Meet the Professor Lunch, February 16, 2000, Los Angeles, California

The Importance of Collaboration, American Association of Administrators of Pediatrics, February 17, 2000, Universal City, California

New Pathogenesis of Glycerol Kinase Deficiency: Functional Genomics, Basic Science Lecture, Harbor/UCLA Medical Center, February 22, 2000, Torrance, California

Implications of Genetic Research and Biotechnology, UCLA Anderson School of Business Graduate Seminar, February 28, 2000, Los Angeles, California

Presymptomatic Genetic Testing and Predictive Medicine, Pediatric Grand Rounds, UCLA, April 14, 2000, Los Angeles, California

Mapping Human Genes for Diagnosis and Treatment: Exciting Possibilities and Ethical Dilemmas, Center for Research and Training in Humane and Ethical Medical Care, Santa Monica-UCLA Medical Center, April 18, 2000, Santa Monica, California

Phenotypes of Patients with "Simple" Mendelian Disorders Are Complex Traits: Thresholds, Modifiers and Systems Dynamics, UCLA Department of Human Genetics Research Seminar, April 25, 2000, Los Angeles, California

Respondent to Playing God With Our Genes? The Cloning and Stem Cell Controversies, UCLA Center for the Study of Religion, May 1, 2000, Los Angeles, California

Post-Genomic Medicine: Presymptomatic Testing for Prediction and Prevention, Pediatric Grand Rounds, Harbor-UCLA Medical Center, June 8, 2000, Torrance, California

Leadership in Medicine, National Youth Leadership Forum, June 26, 2000, Los Angeles, California

What's Your Specialty?, National Youth Leadership Forum, June 29, 2000, Los Angeles, California

Rapid Diagnosis of Infectious Disease: The Molecular Revolution, Kaiser Permanente, September 29, 2000, Panorama City, California

Academic Medicine, Academic Medicine Interest Group, First and Second Year Medical Students, UCLA School of Medicine, October 23, 2000, Los Angeles, California

Applying for Fellowships and Establishing a Research Career, UCLA Pediatric Residents Annual Retreat, November 8, 2000, Lake Arrowhead, California

After the Genome Project: Predictive Medicine, Southwestern Pediatric Society, November 15, 2000, Los Angeles, California

Compassion, Advocacy and Health Disparities: Recent Policy Changes in Pediatrics and Genetics, Grand Rounds, UCLA Department of Pediatrics, January 12, 2001, Los Angeles, California

How to Apply for a Fellowship, Life After Residency, January 12, 2001, Marina Del Rey, California

Phenotypes of "Simple" Mendelian Disorders are Complex Traits, Molecular Development Seminar, California Institute of Technology, March 21, 2001, Pasadena, California

Genetic Privacy, DNA Sciences, March 23, 2001, DNA.com

Role of Mentoring in Career Development, Pediatric Emergency Medicine National Fellow's Conference, March 25, 2001, Marina del Rey, California

Orientation to Academic Medicine, UCLA Department of Pediatrics, April 5, 2001, Los Angeles, California

Screening for Hemachromatosis, Anna Borun and Harry Borun Foundation Visiting Professor in Cardiology, UCLA Department of Internal Medicine, April 12, 2001, Los Angeles, California

Glucose Metabolism and Mitochondrial Compartmentation, UCLA Cardiovascular Research Laboratory Seminar, April 16, 2001, Los Angeles, California

Advocacy, Compassion, Science and Health Disparities: Current Policy Issues in Pediatrics and Genetics, Pediatric Grand Rounds, Cedars Sinai/UCLA, May 10, 2001, Los Angeles, California

Mentoring: The Key to Academic Success, Neurology Grand Rounds, June 15, 2001, West Los Angeles Veterans' Administration Hospital, Los Angeles, California

Human Genome Project: Ethical, Legal and Social Issues, UCLA School of Law Seminar, September 24, 2001, Los Angeles, California

Consequences of Complexity within Proteomic Networks; Robustness and Health, or Vulnerability and Disease, UCLA Medical Scientist Training Program Seminar, September 24, 2001, Los Angeles, California

Impact of the Human Genome Project on Predictive Medicine, Pediatric Grand Rounds, Huntington Hospital, September 28, 2001, Pasadena, California

Selecting a Subspecialty and Applying for Fellowships, Pediatric Residents Retreat, October 3, 2001, Lake Arrowhead, California

What's New in Newborn Screening?, The Sick Newborn: Diagnosis and Treatment, Citrus Valley Medical Center, October 5, 2001, West Covina, California

What's New in Newborn Screening?, Grand Rounds, Childrens Hospital Los Angeles, October 26, 2001, Los Angeles, California

Genetic Privacy, Law, Technology and the Human Genome, California Institute of Technology, November 10, 2001, Pasadena, California

Consequences of Complexity within Proteomic Networks: Robustness and Health or Vulnerablity and Disease, UCLA Human and Molecular Development Research Seminar, December 20, 2001, Los Angeles, California

Mentorship, Is There Life After Pediatric Residency?, January 18, 2002, Marina del Rey, California

What's New in Newborn Screening?, Preventing Birth Defects and Infant Mortality, January 25, 2002, Long Beach, California

What's New in Newborn Screening? Pediatric Grand Rounds, White Memorial Hospital, April 11, 2002, Los Angeles, California

Ethical Issues in Human Genetics, Hadassah Sabra Group, April 15, 2002, Beverly Hills, California

Human Genome Project: Ethical and Legal Considerations, UCLA Emeriti Association, November 13, 2002, Los Angeles, California

DAX1 and Adrenal Development, Drew Endo Conference, November 27, 2002, Los Angeles, California

The Human Genome Project: Implications for the Individual, Society and Our Human Future, Biobasics Lecture, UCLA School of Medicine, December 12, 2002, Los Angeles, California

Medical Education in the Genomic Era, Center for Society, the Individual and Genetics Round Table, January 27, 2003, Los Angeles, California

50th Anniversary of the Double Helix: Projecting the Future for Genomics Medicine, Pediatric Grand Rounds Talk, UCLA School of Medicine, April 4, 2003, Los Angeles, California

Human Genome Project, DNA Day, New Roads School, April 25, 2003, Santa Monica, California

Building a Career in Academic Medicine, King/Drew/UCLA Centers of Excellence, May 6, 2003, Los Angeles, California

Patenting Your Genes, UCLA Case Media Fellows, May 13, 2003 Los Angeles, California

Gene Therapy and Human Cloning, UCLA Case Media Fellows, May 15, 2003, Los Angeles, California

Building a Career as a Clinical Researcher and Educator, Department of Medicine, Olive View Hospital, June 14, 2003, Santa Clarita, California

Newborn Screening: Protecting Our Future, March of Dimes, July 20, 2003, La Canada, California

Newborn Screening: Future of Nanotechnology, UCLA Cell Mimetic Space Exploration Workshop, September 25, 2003, Los Angeles, California

Mattel Children's Hospital at UCLA, UCLA Hospital Board of Advisors, October 9, 2003, Los Angeles, California

Mentoring and Being Mentored: Strategies for Effective Mentoring, The Principles and Practice of Medicine and Science, November 9, 2003, Los Angeles, California

How to Develop a Successful Clinical Research Career, UCLA General Clinical Research Center Seminar, December 3, 2003, Los Angeles, California

The Human Genome Project: Changing the Practice of Clinical Medicine, Grand Rounds, Department of Obstetrics and Gynecology, David Geffen School of Medicine at UCLA, December 19, 2003, Los Angeles, California

Why Should I Care About the Double Helix?, UCLA Mental Retardation Research Center Retreat, February 26, 2004, Los Angeles, California

Impact of Genetics on Society and Individuals: Policies and Perception, Genetics and Society, UCLA, May 6, 2004, Los Angeles, California

Projecting the Future for Genomic Medicine, Los Angeles Gerontology, Research Group, May 10, 2004, Los Angeles, California

How Far Is It from the Bench to the Bedside?, Pediatric Grand Rounds, David Geffen School of Medicine at UCLA, December 10, 2004, Los Angeles, California

Point-of-Care Testing, Critical Care Division, Department of Pediatrics, David Geffen School of Medicine at UCLA, April 7, 2005, Los Angeles, California

Genomic Medicine: Biosensors, Ben Kagan Annual Memorial Lecture, Department of Pediatrics, Cedars/Sinai Medical Center, May 5, 2005, Los Angeles, California

Genetic Testing: Direct to Consumer Marketing, UCLA Distinguished Speaker Series, The California Club, November 8, 2005, Los Angeles, California

From Stem Cells to Jail Cells: Ethics, Politics and Policy Options, Stem Cells: Promise and Peril in Regenerative Medicine, UCLA Center for Society and Genetics, February 4, 2006, Los Angeles, California

Adrenal Hypoplasia Congenita, Medical Genetics Institute Seminar, Cedars-Sinai Medical Center, March 9, 2006, Los Angeles, Califonria

Introduction to Systems Biology: What is Buried in the Buzz Words?, UCLA Center for Society and Genetics Coloquium, March 16, 2006, Los Angeles, California

Human Reproductive Cloning, Science Matters, California Science Center, April 15, 2006, Los Angeles, California

Do You Know Where Your DNA Is?, Air Talk, KPCC, National Public Radio, April 18, 2006, Pasadena, California

Genomics: Evolution and Revolution, UCLA Center for Society and Genetics Colloquium, June 1, 2006, Los Angeles, California

Genomic Medicine, American Medical Student Organizatoin: Proactive Medicine: Putting Prevenion Into Practice, November 11, 2006, Los Angeles, California

Genomic Medicine: Point-of-Care Diagnostics and Bio-Nano Devices, California Nanosystems Institute, November 28, 2006, Los Angeles, California

Genomic Medicine, American Medical Student Organizatoin: Proactive Medicine: Putting Prevenion Into Practice, November 11, 2006, Los Angeles, California

Genomic Medicine: Point-of-Care Diagnostics and Bio-Nano Devices, California Nanosystems Institute, November 28, 2006, Los Angeles, California

Are We Entering a "Perfect Storm" for a Resurgence of Eugenics? Science, Medicine and Their Social Context, UCLA Center for Society and Genetics, December 6, 2007, Los Angeles, California

Successful Abstract Preparation and Presentation, Fellows' Lecture Series, Department of Pediatrics, David Geffen School of Medicine at UCLA, January 3, 2008, Los Angeles, California

Mattel Children's Hospital UCLA: Something Extraordinary Every Day, Alumni Association Bruin Family Experience, August 10, 2007, Los Angeles, California

Mattel Children's Hospital, Medical Alumni Association, David Geffen School of Medicine at UCLA, April 12, 2008, Los Angeles, California

DNA: Promise and Peril, Department of Pediatrics and UCLA Center for Society and Genetics Book Event, April 16, 2008, Los Angeles, California

NanoPediatrics: Enabling Personalized Medicine for Children, Mattel Children's Hospital Board Meeting, September 10, 2008, Los Angeles, California

NanoPediatrics: Enabling Personalized Medicine for Children, BioBasics Layman Seminar/Research Administration Forum, David Geffen School of Medicine at UCLA, September 17, 2008, Los Angeles, California

Exploring Complexity in Inborn Errors of Metabolism: Novelty and NanoPediatrics, Progress in Understanding Genetic Diseases, David Geffen School of Medicine at UCLA, September 26, 2008, Los Angeles, California

Why NanoPediatrics? Because Children Are Not Small Adults, Pediatric Grand Rounds and NanoPediatarics: Enabling Personalized Medicine for Children Symposium, October 17, 2008, Los Angeles, California

NanoPediatrics Program, University of California Global Health Initiative Meeting on Women and Children, October 24, 2008, Los Angeles, California

Glycerol Kinase Deficiency: From Biochemistry to Molecular Biology to Systems Biology, Pediatric Research Seminar, David Geffen School of Medicine UCLA, November 20, 2008, Los Angeles, California

Leadership: Qualities, Strategies, and Success, Education Series, Department of Pediatrics, David Geffen School of Medicine UCLA, January 8, 2009, Los Angeles, California

Nanoparticles for Improved Diagnosis and Gene Therapy, California Nanosystems Institute, UCLA, February 26, 2009, Los Angeles, California

NanoPediatrics and Nanoparticles, Grand Rounds, Childrens Hospital Los Angeles, February 27, 2009, Los Angeles, California

DNA: Promise and Peril, Medical Education Lecture, Providence Hospital, March 6, 2009, Tarzana, California

Panelist for Nanomedicine: The Explosion of Molecular Medicine andn Bioinformatics in the Transformation of Healthcare, Tech Forum, Henry Samueli School of Engineering and Applied Science, UCLA, April 23, 2009, Los Angeles, California

The Significance of DNA Day, King Drew Medical Magnet High School Students at UCLA, April 24, 2009, Los Angeles, California

King Drew Magnet High School for Medicine and Science Project, UCLA Center for Society and Genetics Fellows Meeting, May 21, 2009, Los Angeles, California

Balancing Personal and Professional Lives, Mattel Employee Luncheon, June 1, 2009, El Segundo, California

Nanopediatrics: Enabling Personalized Medicine for Children, UCLA Biotechnology Training in Biomedical Sciences and Engineering Program Fourth Annual Symposium, June 12, 2009, Los Angeles, California

The Southside Strangler: Introduction to DNA Forensics, King Drew Magnet High School for Medicine and Science, October 27, 2009, Compton, California

Near Relative DNA Forensic Testing, King Drew Magnet High School for Medicine and Science, December 15, 2009, Compton, California

Transitions: Starting a Research Program, Conducting a Job Search, and Beginning as a Faculty Member, Pediatric Fellows' Weekly Conference, Mattel Children's Hospital UCLA, May 13, 2010, Los Angeles, California

Microarray Analysis, Pediatric Residents' Noon Conference, June 23, 2010, Mattel Children's Hospital, Los Angeles

Applying for Fellowships and Jobs, Pediatric Residents' Retreat, July 6 and 8, 2010, Mattel Children's Hospital, Los Angeles

UCLA – Regional:

Excursions Along the X Chromosome: Exploring a Contiguous Gene Syndrome, The Claremont Colleges, February 22, 1995, Claremont, California

Molecular Pediatrics: From Rare Disease to Public Health, Pediatric Grand Rounds, Ventura County Medical Center, April 25, 1995, Ventura, California

New Genetics for the Practicing Physician, Clinical Volunteer Faculty Association, University of California, Irvine, May 28, 1996, Irvine, California

Syndrome of Muscle, Adrenal, and CNS Abnormalities: 20 Year Interplay Between the Bedside and the Bench, J. Edward Berk Annual Lecture, Pediatric Grand Rounds, University of California, Irvine, May 29, 1996, Orange, California

Molecular Genetic Testing for Bacterial Infection: Methodology for Rapid Diagnosis and Speciation of Bacterial Infection, Nichols Institute, June 27, 1996, San Juan Capistrano, California

New Genetics for the Practicing Pediatrician; Genetic Testing: Ethical Challenges for the 21st Century; and Introduction to and Visual Diagnosis of Dysmorphology/Genetic Syndromes; 39th Annual Southern California Permanente Medical Group Pediatric Symposium, November 7-8, 1997, San Diego, California

Screening for Genetic Disease, Pediatric Grand Rounds, Ventura County Medical Center, May 26, 1998, Ventura, California

Balancing Your Life: Academics vs Family, Career Development in Pediatrics Symposium, Western Society for Pediatric Research, January 27, 1999, Carmel, California

Human Genome Project: Impact on Health, LIFE Society, University of California, Riverside, November 16, 1999, Riverside, California

Presymptomatic Genetic Testing: The Future of Genetic Medicine, Western Society for Pediatric Research, February 11, 2000, Carmel, California

Role of DAX1 in Sex Determination and Adrenal Function, Ligand, March 17, 2000, La Jolla, California

Human Genome Project: New Principles and Technologies for Screening and Diagnosis, Gatlinberg Conference, March 18, 2000, San Diego, California

Perinatal Genomic Medicine: Screening, Pharmacogenomics, and Infectious Disease, Western Perinatal Club, Western Regional Meeting, February 9, 2001, Carmel, California

Genomic Medicine: Technology and Public Policy, Beyond the Human Genome Project Lecture Series, Harvey Mudd College, April 4, 2001, Claremont, California

Genetic Screening, Ethical and Policy Challenges in the Genetic Revolution, University of California San Diego, April 17, 2001, La Jolla, California

How to Succeed in Academics, Western Regional Meeting, February 8 and 9, 2002, Carmel, California

Genomic Medicine: Ethical, Legal and Policy Challenges, San Diego Science and Technology Council, January 16, 2003, San Diego, California

50th Anniversary of the Double Helix: Projecting the Future for Genomic Medicine, Dorothy Waffarn Memorial Lecture, Department of Pediatrics, University of California, Irvine, December 9, 2003, Irvine, California

Genomic Medicine: Ethical, Legal and Policy Challenges, Grand Rounds, Children's Hospital of Orange County, December 10, 2003, Orange, California

Newborn Screening: Predicting the Future, State-of-the-Art Lecture, Western Regional Meeting, January 30, 2004, Carmel, California

Practice Life Success, Western Regional Meeting, January 31, 2004, Carmel, California

The Human Genome Project: Ethical, Legal and Social Implications, UCLA Alumni Association, April 1, 2004, San Diego, California

Life Success, Western Student and Resident Medical Research Forum, February 5, 2005, Monterey, California

Complexity in Single Gene Disorders: Learning from our Patients, Judy Hall, M.D., Celebration, February 5, 2005, Carmel, California

Genetic Discrimination: Is There a Pink Slip in Your Genome?, Western Student and Resident Medical Research Forum, February 5, 2005, Monterey, California

Genomic Medicine: The Future is Upon Us, Current Clinical Issues in Primary Care, PriMed, April 2, 2005, Anaheim, California

Mattel Children's Hospital: Mattel as a Corporate Partner, Unnamed Society Meeting, City of Hope, April 28, 2005, Duarte, California

Designer Babies: Redefining Humans?, Biotechnology and Humanities Forum, Scripps College, April 8, 2008, Claremont, California

The Argument Against Genetic Determinism, Humanities Fellows Seminar, Scripps College, April 9, 2008, Clarement, California

Frontiers in Medicine: Personalized Medicine, Women in Science and Technology, May 9, 2009, San Diego, California

UCLA - National:

Gene Therapy; Ethical Issues in Genetic Screening, Annual Meeting of the American Academy of Pediatrics, October 25, 1994, Dallas, Texas

Strategies to Cope with Early Discharge: Molecular Genetic Laboratory Paradigms for Newborn Screening, Impact of Early Discharge on Newborn Screening Conference, April 1, 1995, Washington, D.C.

Progress and Opportunities in Prevention and Treatment, Intellectual Disability: Programs, Policies, and Planning for the Future, United Nations, June 30, 1995, New York, New York

Molecular Basis of Adrenal Hypoplasia Congenita, Hypogonadotropic Hypogonadism and Sex Reversal, Recent Progress in Hormone Research, July 30, 1995, Stevenson, Washington

Molecular Genetic Screening for Inherited and Infectious Diseases, NICHD Lectureship, Perinatal Research Society Annual Meeting, September 18, 1995, Cape Cod, Massachusetts

Recognition and Management of Inborn Errors of Metabolism, American Academy of Pediatrics Annual Meeting, October 17, 1995, San Francisco, California

Molecular Genetic Strategies to Detect Genetic Defects in Energy Metabolism, Mead Johnson Perinatology Symposium, November 17, 1995, Marco Island, Florida

Energy Metabolism at the Outer Mitochondrial Membrane, Mead Johnson Perinatology Symposium, November 17, 1995, Marco Island, Florida

Is It Bacterial or Viral? Rapid Diagnosis with DNA, American Academy of Pediatrics Annual Meeting, April 13-16, 1996, Chicago, Illinois

Genetics for the Practicing Pediatrician, American Academy of Pediatrics Annual Meeting, April 13-16, 1996, Chicago, Illinois

Harnessing Molecular Medicine for Improved Prevention, Diagnosis, and Management of Mental Retardation and Developmental Disabilities, President's Committee on Mental Retardation, September 27, 1996, Washington, D.C.

Newborn Screening Blood Blotters as DNA Databases, The Joint Conference on DNA Databanks and Repositories, December 12, 1996, Tallahassee, Florida

Newborn Screening Informed Consent Issues, Newborn Screening for Cystic Fibrosis: A Paradigm for Public Health Genetics Policy Development, Centers for Disease Control, January 13, 1997, Atlanta, Georgia

Dried Blood Specimens: Diagnostic Opportunities, Epidemiologic Advantages and Ethical Implications, American College of Medical Genetics Annual Meeting, March 2, 1997, Ft. Lauderdale, Florida

Basis of an Xp21 Contiguous Gene Syndrome with Muscle, CNS and Adrenal Abnormalities, Human Genetics Research Seminar, Oregon Health Sciences University, April 23, 1997, Portland, Oregon

Impact of the Human Genome Project on the Practice of Pediatrics, Bilderback Lecture, Oregon Health Sciences University, April 24, 1997, Portland, Oregon

Rapid DNA Diagnosis of Infectious Disease: Molecular Triage of Sepsis, Portland Academy of Pediatrics, April 24, 1997, Portland Oregon

Evaluating the Dysmorphic Child, Pediatric Grand Rounds, Legacy Emanuel Hospital, April 25, 1997, Portland, Oregon

Preparation and Presentation of Abstracts at Scientific Meetings, Pediatric Academic Societies' Annual Meeting, May 2, 1997, Washington, D.C.

What Is Required to Increase Children's Clinical and Health Services Research?, Public Policy Plenary, Pediatric Academic Societies' Annual Meeting, May 4, 1997, Washington, D.C.

Genetics and Cancer: What is New?, American Academy of Pediatrics Annual Meeting, May 10, 1997, San Diego, California

Dysmorphology for the General Pediatrician: Diagnosis and Office Management, American Academy of Pediatrics Annual Meeting, May 10, 1997, San Diego, California

Impact of the Human Genome Project on our Understanding of Mental Retardation, Genetic Advances in Understanding Mental Retardation (Pauline Wilson Horner Genetics Symposium), Case Western Reserve University, June 4, 1997, Cleveland, Ohio

Molecular Triage for Rapid Diagnosis of Infectious Disease, Pediatric Grand Rounds, Case Western Reserve University School of Medicine, June 5, 1997, Cleveland, Ohio

From Newborn Screening to Infectious Disease Diagnosis: Molecular Genetic Technology Bridges Public Health Disciplines, Centers for Disease Control, June 20, 1997, Atlanta, Georgia

What's New in Genetics for the Practicing Pediatrician, 40th Annual Pediatric Program, University of Colorado School of Medicine, June 27, 1997, Denver, Colorado

Excursions on the X Chromosome: Twenty Year Interplay Between the Bedside and the Bench, Harry Gordon Award for Outstanding Achievement in Academic Medicine, University of Colorado School of Medicine, June 27, 1997, Denver, Colorado

Is It Viral or Bacterial? Rapid Diagnosis of Infectious Disease, 40th Annual Pediatric Program, University of Colorado School of Medicine, June 28, 1997, Denver, Colorado

Impact of the Human Genome Project on Our Understanding of Mental Retardation, Keynote Address, International Conference on Mental Retardation: Genes, Brain and Behavior, July 10, 1997, Staten Island, New York

Rapid Diagnosis of Infection, NICHD Perinatology Conference, August 22, 1997, Aspen, Colorado

Impact of Early Discharge on Newborn Screening, American Academy of Pediatrics Annual Meeting, November 5, 1997, New Orleans, Louisiana

New Genetics for the Practicing Pediatrician, Grand Rounds, Department of Pediatrics, Brown University Medical Center, December 7, 1997, Providence, Rhode Island

Excursions Along the X Chromosome: Molecular Basis of a Contiguous Gene Syndrome, Genetics Seminar, Brown University Medical Center, December 7, 1997, Providence, Rhode Island

Criteria for Expansion of Newborn Screening, 13th National Neonatal Screening Symposium, March 2, 1998, San Diego, California

Balancing Personal and Professional Lives, Pediatrician Scientist Development Program Annual Meeting, March 5, 1998, Bal Harbour, Florida

Integration of the Basic Sciences with Clinical Medicine, Council on Medical Student Education in Pediatrics Annual Meeting, March 8, 1998, Bal Harbour, Florida

NIH Funding for Research in Pediatric Departments; and Developing Research-Oriented Faculty: The Child Health Research Center, Association of Medical School Pediatric Department Chairs Annual Meeting, March 9, 1998, Bal Harbour, Florida

Newborn Screening, Genetic Medicine and the Practicing Physician, March 14, 1998, New Orleans, Louisiana

Preparation and Presentations of Abstracts at Scientific Meetings, American Pediatric Society/Society for Pediatrics Research Workshop, May 1, 1998, New Orleans, Louisiana

Developmental Molecular Genetics of the Adrenal Cortex, State of the Art Plenary, American Pediatric Society/Society for Pediatric Research/Lawson Wilkins Pediatric Endocrine Society, May 3, 1998, New Orleans, Louisiana

Genetic Testing: Meeting the Ethical Challenges of the 21st Century, Pediatric Grand Rounds, Rochester General Hospital, May 12, 1998, Rochester, New York

Rapid Diagnosis of Infectious Disease: The Molecular Revolution, Department of Pediatrics, University of Rochester Medical Center, May 12, 1998, Rochester, New York

Impact of the Human Genome Project on the Practice of Pediatrics,Samuel W. Clausen Lecture, Children's Hospital at Strong, May 13, 1998, Rochester, New York

Mental Retardation Associated with X-Linked Adrenal Hypoplasia Congenita: Identification of CNS-Expressed Genes in This Region, Endocrine Society, June 25, 1998, New Orleans, Louisiana

Genes that Function in Sexual Differentiation, Determinants of Sexual Differentiation Symposium, Endocrine Society, June 26, 1998, New Orleans, Louisiana

Academic Pediatrics, Department of Pediatrics, University of Hawaii, July 6-10, 1998, Honolulu, Hawaii

Sexual Differentiation and Sexual Development, Genetics Seminar, University of Hawaii, July 8, 1998, Honolulu, Hawaii

Balancing Personal and Professional Lives, NICHD Perinatal Conference, August 27, 1998, Aspen, Colorado

Gene Therapy, NICHD Perinatal Conference, August 28, 1998, Aspen, Colorado

Linkages with Young Investigators, National Association of Children's Hospitals and Related Institutions Annual Meeting, October 14, 1998, Houston, Texas

Dried Blood Spot Technology, Newborn Screening for Diabetes Risk, Centers for Disease Control, February 16, 1999, Atlanta Georgia

You and Your Mentor: How to Succeed in a Basic Science Laboratory, Pediatric Scientist Development Program Annual Meeting, March 4, 1999, Tampa, Florida

Why Evaluate Faculty: The Good, the Bad and the Ugly, New Chairs' Meeting, American Medical School Pediatrics Department Chairs Annual Meeting, March 4, 1999, Tampa, Florida

Genetics and Cancer: What's New?, American Academy of Pediatrics Annual Meeting, April 20, 1999, Chicago, Illinois

Excursions on the X Chromosome: Molecular Basis of a Syndrome Affecting Muscle, Adrenal and Brain, Seminars in Biology and Chemistry, Children's Memorial Institute for Education and Research, Northwestern University, May 20, 1999, Chicago, Illinois

Financing, Planning and Balancing a Research Career, NICHD Perinatal Conference, August 26, 1999, Aspen, Colorado

Gene Therapy, NICHD Perinatal Conference, August 27, 1999, Aspen, Colorado

What's New in Newborn Screening?, American Academy of Pediatrics Annual Meeting, October 9, 1999, Washington, D.C.

Presymptomatic Genetic Screening in Childhood, American Academy of Pediatrics Annual Meeting, October 12, 1999, Washington, D.C.

The Human Genome Project: How Does This Project Offer a New Paradigm for Health Promotion?, Incorporating Genetic Medicine and Technology Into Practice and Service, Maternal and Child Health Bureau Meeting, November 1, 1999, Arlington, Virginia

Dysmorphology for the General Pediatrician: Diagnosis and Office Management, Tenth Annual Pediatric Symposium, Joe DiMaggio Children's Hospital, November 13-14, 1999, Hollywood, Florida

Genetic Testing: Ethical Challenges for the 21st Century, Tenth Annual Pediatric Symposium, Joe DiMaggio Children's Hospital, November 13-14, 1999, Hollywood, Florida

Rapid Diagnosis of Infectious Disease: The Molecular Revolution, Tenth Annual Pediatric Symposium, Joe DiMaggio Children's Hospital, November 13-14, 1999, Hollywood, Florida

What's New in Genetics for the Practicing Physician, Tenth Annual Pediatric Symposium, Joe DiMaggio Children's Hospital, November 13-14, 1999, Hollywood, Florida

Ethics and Newborn Screening, High School Students Day, American College of Medical Genetics Annual Meeting, March 9, 2000, Palm Springs, California

What's New in Newborn Screening?, Genetic Screening Workshop, American College of Medical Genetics Annual Meeting, March 11, 2000, Palm Springs, California

Genetic Testing: Technological Advances and Public Perspectives, Basic Science Seminar Series, University of Utah School of Medicine, May 9, 2000, Salt Lake City, Utah

Career Paths in Academic Medicine: Clinical/Fellows, Pediatric Academic Societies and American Academy of Pediatrics Joint Meeting, May 12, 2000, Boston, Massachusetts

Newborn Screening: Continuities and Change, Pediatric Academic Societies and American Academy of Pediatrics Joint Meeting, May 16, 2000, Boston, Massachusetts

Genetics: Impact on Public Policy, NICHD Conference on Perinatal Medicine, August, 26, 2000, Aspen, Colorado

Human Genome Project: Interface of Technology and Public Policy, Jimmy Simon, M.D., Lecture, Wake Forrest University School of Medicine, September 27, 2000, Winston-Salem, North Carolina

Dysmorphology for General Pediatricians, Department of Pediatrics, Wake Forest University School of Medicine, September 27, 2000, Winston-Salem North Carolina

Secretary's Advisory Committee for Genetic Testing, Overcoming Regulatory and/or Reimbursement Barriers to Introducing New Genetic Tests for Clinical Use, American Society of Human Genetics Annual Meeting, October 4, 2000, Philadelphia, Pennsylvania

Post Genomic Medicine: The Future of the Public's Health, Centers for Disease Control, October 10, 2000, Atlanta, Georgia

Systematic Screening and Referral Process, The American Association for Home-Based Early Interventionists, October 26, 2000, Chicago, Illinois

Syndromes: Outcomes and Interventions, The American Association for Home-Based Early Interventionists, October 26, 2000, Chicago, Illinois

The Human Genome Project, American Academy of Pediatrics Board of Directors' Meeting, October 27, 2000, Chicago Illinois

Genetic Testing: Is It Ready for Primetime?, American Academy of Pediatrics Annual Meeting, October 28, 2000, Chicago, Illinois

Genetic Unknowns, American Academy of Pediatrics Annual Meeting, October 29, 2000, Chicago, Illinois

The Secretary's Advisory Committee on Genetic Testing, Association for Molecular Pathology Annual Meeting, November 12, 2000, Denver, Colorado

Faculty Development Workshop, Women in Academic Medicine, University of Utah, School of Medicine, January 25, 2001, Salt Lake City, Utah

Mentoring in Difficult Times, Department of Pediatrics Senior Faculty, University of Utah, School of Medicine, January 26, 2001, Salt Lake City, Utah

How to Succeed in Academics, Department of Pediatrics, University of Utah, School of Medicine, January 27, 2001, Salt Lake City, Utah

Genetic Testing: Issues in Newborn Screening and Oversight, American Association for the Advancement of Science Annual Meeting, February 17, 2001, San Francisco, California

Clinical Genetics: Compassion, Access, Science and Advocacy, Presidential Address, American College of Medical Genetics Annual Meeting, March 1, 2001, Miami, Florida

Modifier Genes and Metabolic Disease Phenotypes, American College of Medical Genetics/Society for Inherited Metabolic Diseases Annual Meeting, March 4, 2001, Miami, Florida

You and Your Mentor: How to Succeed in a Basic Science Laboratory, Pediatric Scientist Development Program Fellows Workshop, March 8, 2001, San Diego, California

The Human Genome Project: Interface of Technology and Public Policy, The 4th Annual Harvey Genetics Colloquium, Greater Baltimore Medical Center, March 28, 2001, Baltimore, Maryland

What's New in Newborn Screening?, American Academy of Pediatrics Workshop on Perinatal Practice Strategies, March 31, 2001, Scottsdale, Arizona

Complexity of Single Gene Disorders, Pediatric Academic Societies Meeting, April 28, 2001, Baltimore, Maryland

How to Succeed in Academics, Department of Internal Medicine, Mayo Clinic, July 11, 2001, Rochester, Minnesota

Mentoring: The Key to Academic Success, Internal Medicine Grand Rounds, Mayo Clinic, July 11, 2001, Rochester, Minnesota

What's New in Newborn Screening?, International Society of Nurses in Genetics Annual Meeting, October 12, 2001, San Diego, California

Modifier Genes and Metabolic Disease Phenotypes, American Society of Human Genetics Annual Meeting, October 15, 2001, San Diego, California

What's New in Newborn Screening?, American Academy of Pediatrics Annual Meeting, October 24, 2001, San Francisco, California

Translational Genomics: Dissection of an Xp21 Contiguous Gene Syndrome, Research Seminar Series, Children's Hospital Oakland Research Institute, October 30, 2001, Oakland, California

After the Human Genome: Predictive Medicine, First Florence Char, M.D. Visiting Lectureship, Department of Pediatrics, University of Arkansas, January 7, 2002, Little Rock, Arkansas

On Mentoring, Department of Pediatrics, University of Arkansas, January 7, 2002, Little Rock, Arkansas

After the Human Genome Project: Predictive Medicine, Genetics Policy Forum, January 12, 2002, Scottsdale, Arizona

Genomic Medicine: Population Screening, American Association for the Advancement of Science Annual Meeting, February 15, 2002, Boston, Massachusetts

Dissecting the Complexity of a Simple Mendelian Disorder, Tribute to Lew Barness, University of South Florida, February 16, 2002, Tampa, Florida

How to Succeed in Academics, University of California San Francisco, February 26, 2002, San Francisco, California

Translational Genomics in Medical Genetics, Presidential Address, American College of Medical Genetics Annual Meeting, March 14, 2002, New Orleans, Louisiana

Mentoring: The Key to Academic Success, and Developing Teaching Skills; University of Michigan, May 1, 2002, Ann Arbor, Michigan

Dissecting Complexity in Patients with an Xp21 Contiguous Gene Syndrome, Department of Human Genetics Seminar, University of Michigan, May 1, 2002, Ann Arbor, Michigan

Dissecting Complexity in Patients with Mental Retardation and an Xp21 Contiguous Gene Syndrome, Department of Human Genetics Seminar, Mt Sinai School of Medicine, May 29, 2002, New York, New York

How to Succeed in Academics, Mt. Sinai School of Medicine Pediatrics Research Day, Mt. Sinai School of Medicine, May 30, 2002, New York, New York

Impact of the Human Genome Project on Medicine and Genetic Research, Keynote Address, Genetic Privacy and Discrimination Symposium, University of Rochester, June 14, 2002, Rochester, New York

Molecular Genetics of Adrenal Hypoplasia Congenita, Xth International Adrenal Cortex Conference, June 17, 2002, San Francisco, California

Introduction to Newborn Screening Programs and Overview of Current Technology, Workshop to Develop Newborn Screening Technology for SCID, National Institute of Child Health and Human Development, July 25, 2002, Bethesda, Maryland

Human Genome Project: Impact on Genetic Privacy and Discrimination, Internal Medicine Grand Rounds, Mayo Clinic, September 4, 2002, Rochester, Minnesota

Newborn Screening: Potentials, Challenges and Politics, American Society of Human Genetics, October 21, 2002, Baltimore, Maryland

Copernican Revolution in Biology: Genomics, Privacy and Discrimination, University of Colorado Department of Health Sciences, November 7, 2002, Denver, Colorado

How to Succeed in Academics, Baylor College of Medicine, Division of Hematology and Oncology, February 7, 2003, Houston, Texas

Leadership and Mentorship, Baylor College of Medicine, Division of Hematology and Oncology, February 7, 2003, Houston, Texas

Career Benchmarks, Pediatric Scientists' Development Program, March 6, 2003, Santa Fe, New Mexico

Genomic Medicine: Changing Healthcare in the 21st Century, American Association of Medical Colleges, Council of Teaching Hospitals, March 7, 2003, Phoenix, Arizona

Parental Consent: Necessary or Sufficient? Symposium on Newborn Screening: Challenges and Controversies, Pediatric Academic Societies Annual Meeting, May 5, 2003, Seattle, Washington

How to Succeed in Academics, University of Hawaii, May 21, 2003, Honolulu, Hawaii

Translational Advances in Biomedical Sciences: Impact on Medical Education and Clinical Practice, The Future of Pediatric Education Conference, Josiah Macy Jr. Foundation, June 26, 2003, Half Moon Bay, California

Tandem Mass Spectrometry: Innovations in Newborn Screening, American Academy of Pediatrics Annual Meeting, November 1, 2003, New Orleans, Louisiana

Ethical Issues in Expanding Newborn Screening, Section on Bioethics, American Academy of Pediatrics Annual Meeting, November 1, 2003, New Orleans, Louisiana

What's New in Newborn Screening?, American Academy of Pediatrics Annual Meeting, November 2, 2003, New Orleans, Louisiana

Genomic Medicine: Impact on Pediatric Practice, Pediatric Grand Rounds, University of California, Davis, November 14, 2003, Sacramento, California

Newborn Screening for Severe Combined Immunodeficiency, Screening for Genetic Defects in Immunity Symposia, American Association for the Advancement of Science Annual Meeting, February 16, 2004, Seattle, Washington

Regulatory Approaches in Genetic Testing: Concepts and Consequences, Presidential Symposium on the Future of Genetic Testing, American College of Medical Genetics Annual Meeting, March 4, 2004, Kissimmee, Florida

Marketing Your Research Through Manuscripts and Grant Proposals, American Society of Pediatric Hematology/Oncology Annual Meeting, April 30, 2004, San Francisco, California

DNA Chips and Microarray Techonology, Neonatal Sepsis Club Annual Meeting, May 2, 2004, San Francisco, California

The Problem of Genetic Disease: The Impact of the Human Genome Project and the Challenge of Translation to Innovative Therapy, 75th Anniversary Celebration of the Society for Pediatric Research, May 4, 2004, San Francisco, California

Newborn Screening and Technology Development, Section on Perinatology, American Academy of Pediatrics Annual Meeting, October 9, 2004, San Francisco

How Far Is It from the Bench to the Bedside?, Section on Cardiology, American Academy of Pediatrics Annual Meeting, October 10, 2004, San Francisco

Faculty Professional Skills Development Workshop, University of Colorado Health Sciences Center, November 11, 2004, Denver, Colorado

How to Succeed in Academics, Pediatric Residency Academic Track, The Children's Hospital, November 11, 2004, Denver, Colorado

Genomic Medicine, Pediatric Grand Rounds, The Children's Hospital, November 12, 2004, Denver, Colorado

Basic Research for Subspecialty Trainees, Subspecialty Forum, Stanford University, November 16, 2004, Palo Alto, California

Evaluating Subspecialty Trainees, Subspecialty Forum, Stanford University, November 16, 2004, Palo Alto, California

Mentoring: The Key to Success, Fellowship Directors, Department of Pediatrics, University of Washington, April 24, 2005, Seattle, Washington

Genomic Medicine: The Future Is Upon Us, Fellow's Research Day, Department of Pediatrics, University of Washington, April 25, 2005, Seattle, Washington

Lessons Learned from Mentoring, Maureen Arnold Mentoring Award Lecture, Society for Pediatric Research, Pediatric Academic Societies Meeting, May 16, 2005, Washington, D.C.

How Far Is It From the Bench to the Bedside? The Children's Hospital, May 25, 2005, Denver, Colorado

When the Endocrinologist Meets Clinical Genetics: Ethical Considerations, The Endocrine Society, June 4, 2005, San Diego, California

Genetic Testing and Direct to Consumer Marketing, Conference on Direct to Consumer Marketing of Genetic Testing, University of Colorado Health Science Center, July 22, 2005, Aspen, Colorado

Glycerol Kinase Deficiency: Proteome Complexity, "Moonlighting" Functions and Systems Biology, Research Seminar, Department of Genetics, University of Maryland School of Medicine, January 4, 2006, Baltimore, Maryland

Genomic Medicine: How Far Is It From the Bench to the Bedside?, Grand Rounds, Department of Pediatrics, University of Maryland School of Medicine, January 5, 2006, Baltimore, Maryland

National Collaborative Study Groups: Structure, Benefits Gained and Potential for Rare Genetic Diseases, NICHD/ORD Workshop on Opportunities and Impediments in National Collaboratorive Studies for Rare Genetic Diseases, American College of Medical Genteics, March 23, 2006, San Diego, California

Genomic Medicine: Impact on General Pediatrics, Grand Rounds, Department of Pediatrics, University of Utah School of Medicine, April 13, 2006, Salt Lake City, Utah

Human Genome Project – Changing Our Concept of Our Identity, Intermountain Pediatric Society/American Academy of Pediatrics Utah Chapter Lecture, April 13, 2006, Salt Lake City, Utah

New Technologies for Newborn Screening, Newborn Screening: The Coming Revolution, Pediatric Academic Societies, May 2, 2006, San Francisco, California

Genomic Medicine: A Future Flooded with Risk Information, The Risks Posed by New Biomedical Technologies: How Do We Analyze, Communicate and Regulate Risk?, University of Minnesota, May 19, 2006, Minneapolis, Minnesota

What's New in Newborn Screening?, Neonatology Seminar, Doernbacher Children's Hospital, June 14, 2006, Portland, Oregon

Genomic Medicine: Impact on General Pediatrics, Grand Rounds, Department of Pediatrics, Oregon Health and Science University, June 15, 2006, Portland, Oregon

DAX1: Increasing complexity in the roles of this novel nuclear receptor, Adrenal Molecular Session, The Endocrine Society, June 23, 2006, Boston, Massachusetts

Glycerol Kinase Deficiency: Proteome complexity, "moonlighting" functions, and systems biology. March 27, 2007, Society for Inherited Metabolic Disease Annual Meeting, Nashville, Tennessee

How to Succed in Academics, Postdoctoral Fellows Appreciation Week, St. Jude Children's Research Hospital, April 26, 2007, Memphis, Tennessee

Identifying Modifiers in Genetic Disease: A Systems Biology Approach, Vince Kidd Postdoctoral Fellow Memorial Lecture, St. Jude Children's Research Hospital, April 27, 2007, Memphis, Tennessee

Mentoring: The Key to Academic Success, Mentoring the Mentors Conference, University of California, San Francisco, May 30, 2007, San Francisco, California

How to Succed in Academics, Department of Pediatrics, Medical College of Wisconsin, June 14, 2007, Milwaukee, Wisconsin

Genomic Medicine and Its Impact on Pediatric Practice, Pediatric Grand Rounds, Medical College of Wisconsin, June 15, 2007, Milwaukee, Wisconsin

What Is Shared in Development of Blastocysts, Adrenals and Teeth?, Children's Research Institute Noon Conference, Medical College of Wisconsin, June 15, 2007, Milwaukee, Wisconsin

Getting Your First Job, Department of Pediatrics, Medical College of Wisconsin, June 15, 2007, Milwaukee, Wisconsin

Mentoring: The Key to Academic Success, Department of Pediatrics, Medical College of Wisconsin, June 15, 2007, Milwaukee, Wisconsin

Newborn Screening: Evolving Systems and Challenges, Biological Basis of Pediatric Practice Symposium, Department of Pediatrics, University of Utah School of Medicine, September 14, 2007, Deer Valley, Utah

Creating the Currency of Academic Scholarship, Department of Pediatrics, Northwestern University, October 4, 2007, Chicago, Illinois

War Impacts the Genetics of the Navajo Nation; Who Owns Your Genes?; and If Your Relative Is a Close Match to the DNA at a Crime Scene, the Police May Question You, Mesa Middle School, March 16, 2009, Castle Rock, Colorado

DNA: Promise and Peril, Douglas County High School, March 19 and 20, 2009, Castle Rock, Colorado

Newborn Screening: Lessons for Personalized Medicine, Personalized Medicine: Social and Ethical Issues in Screeing for Genetic Disease and Susceptibility, Pediatric Academic Societies Annual Meeting, May 2, 2009, Baltimore, Maryland

Personalized Medicine, The Market for Consumer Genotyping in Oncogenomics, Cleveland Clinical 2009 Medical Innovation Summit, October 6, 2009, Cleveland, Ohio

NanoPediatrics: Enabling Personalized Medicine for Children, Cleveland Clinic 29th Annual Research Day, October 8, 2009, Cleveland, Ohio

The Intersection of Society and Genetics: An Opportunity to Teach Underrepresented High School Students, American Society of Human Genetics Annual Meeting, October 20, 2009, Honolulu, Hawaii

Beyond Darwin? Evolution, Coevolution and The American Society of Human Genetics, Presidential Address, American Society of Human Genetics, October 20, 2009, Honolulu, Hawaii

NanoPediatrics: Enabling Personalized Medicine for Children. Neonatology Hot Topics Annual Meeting, December 7, 2009, Washington, D.C.

War Impacts the Genetics of the Navajo Nation; Who Owns Your Genes?; and Personalized Genomic Medicine, Mesa Middle School, March 18, 2010, Castle Rock, Colorado

The Southside Strangler: Introduction to DNA Forensics; and Near Relative DNA Forensic Testing, Douglas County High School, March 19, 2010, Castle Rock, Colorado

Genomic Tools for Diagnosis and Management: Can Interventions Target 'Intractable' Disorders?, University of Colorado Health Science Center Denver, April 27, 2010, Denver, Colorado

The Role of the SF1 Ortholog, ff1b, in Pancreatic Development in Zebrafish, Adrenal Cortex Meeting, June 17, 2010, San Diego, California

Consequences of Genetic Determinism: Are We Approaching a New Era of Eugenics?, Genomic Diversity and Health Disparities, Genetics & Ethics in the 21st Century, July 23, 2010, Estes Park, Colorado

Ancestry and Identity: From Recreations Genetics to Personalized Medicine, Genomic Diversity and Health Disparities, Genetics & Ethics in the 21st Century, July 24, 2010, Estes Park, Colorado

UCLA – International:

Frequency of Medium Chain Acyl-CoA Dehydrogenase (MCAD) Deficiency Among California Children Dying of Sudden Infant Death Syndrome (SIDS) or Liver Disease: Two-tiered Analysis of Newborn Screening Specimens. Annual Meeting of the American Society of Human Genetics, October 22, 1994, Montreal, Quebec, Canada

Excursions on the X Chromosome: Molecular Pediatrics and the Human Genome Initiative, Pediatric Grand Rounds, Health Sciences Center, June 15, 1995, Winnipeg, Manitoba, Canada

Genetic Screening and Diagnosis: Technological and Ethical Challenges, J.C. Wilt Lecture, School of Public Health, Health Sciences Center, June 15, 1995, Winnipeg, Manitoba, Canada

Mutations in DAX1 Identified by Sequencing of Genomic DNA from Patients with Adrenal Hypoplasia Congenita (AHC), 10th International Congress of Endocrinology, June 14, 1996, San Francisco, California

Worldwide Progress and Opportunities in Prevention of Mental Retardation, International Association for the Scientific Study of Intellectual Disability 10th World Congress, July 10, 1996, Helsinki, Finland

Excursions on the X Chromosome: Molecular Basis of a Contiguous Gene Syndrome, Department of Human Molecular Genetics, National Public Health Institute, July 12, 1996, Helsinki, Finland

Molecular Pediatrics: Impact of the New Biology on Clinical Practice, Grand Rounds, British Columbia Children's Hospital, October 3, 1997, Vancouver, British Columbia, Canada

Excursions on the X Chromosome: The Molecular Basis of a Contiguous Gene Syndrome with Muscle, Adrenal and CNS Abnormalities, Medical Genetics Departmental Seminar, University of British Columbia School of Medicine, October 3, 1997, Vancouver, British Columbia, Canada

State of the Art DNA Technology in Neonatal Screening, International Society for Neonatal Screening Meeting, June 14, 1999, Stockholm, Sweden

Xp21 Contiguous Gene Syndrome Including Duchenne Muscular Dystrophy, Glycerol Kinase Deficiency, and Adrenal Hypoplasia Congenita, Department of Genetics, Hopital Enfants Malades, June 21, 1999, Paris, France

Ethical Issues in Genetic Testing, The Endocrine Society Annual Meeting, June 24, 2000, Toronto, Ontario, Canada
Update of the Secretary's Advisory Committee on Genetic Testing (SACGT), Ontario Advisory Committee on New Predictive Genetic Technology Horizon Scanning Session, September 19, 2001, Toronto, Ontario, Canada

Genomic Medicine: Changing Healthcare in the 21st Century, Jikei University, March 19, 2003, Tokyo, Japan

Genomic Medicine: Changing Healthcare in the 21st Century, , Tohoku University, March 20, 2003, Sendai, Japan

Genomic Medicine: Changing Healthcare in the 21st Century, Osaka City University, March 24, 2003, Osaka, Japan

Genomic Medicine: Changing Healthcare in the 21st Century, Kumamoto University, March 25, 2003, Kumamoto, Japan

Genomic Medicine: Changing Healthcare in the 21st Century, National Center for Child Health and Development, March 27, 2003, Tokyo, Japan

Genomic Medicine: How Far Is It From the Bench to the Bedside?, Jikei University School of Medicine, November 14, 2005, Tokyo, Japan

Glycerol Kinase Deficiency: Proteome Complexity, "Moonlighting" Functions and Systems Biology, Japanese Society of Inherited Medabolic Diseases, November 18, 2005, Kumamoto, Japan

Genomic Medicine: Incorporation into General Pediatrics, Japanese Pediatric Academic Societies, April 22, 2006, Kanazawa City, Japan

Inborn Errors of Metabolism: Past, Present, and Future, The 10th International Congress of Inborn Errors of Metabolism, September 13, 2006, Chiba, Japan

Point-of-Care Diagnostics for Genomic Medicine, International Bio-Nano Meeting, December 6, 2006, Tokyo, Japan

Networking: Systems Biology and International Pediatrics, Asian Society for Pediatric Research, December 10, 2006, Yokohama, Japan

Robust Complex Networks in Health, Disease and International Pediatric Research, Presidential Plenary, American Pediatric Society, Pediatric Academic Societies Annual Meeting, May 6, 2007, Toronto, Ontario, Canada

What Is Shared in Development of Blastocysts, Adrenals, and Teeth?, Scriver Visiting Professorship in Genetic Medicine, McGill University, October 10, 2007, Montreal, Quebec, Canada

Genomic Medicine and Its Impact on Pediatric Practice, Scriver Visiting Professorhsip in Genetic Medicine, McGill University, October 12, 2007, Montreal, Quebec, Canada

Robust Complex Networks in Health, Disease and International Pediatrics, Biochemical Genetics Forum, Jikei University, March 12, 2008, Tokyo, Japan

NanoPediatrics: Enabling Personalized Medicine for Children, Lysosomal Disease Research Center, Jikei University, November 4, 2008, Tokyo, Japan

Exploring Complexity in Inborn Errors of Metabolism: Novelty and Nanopediatrics, 50th Anniversary Special Lecture, 50th Annual Meeting of the Japanese Society for Inherited Metabolic Diseases, November 6, 2008, Yonago, Japan

Inborn Errors of Metabolism: The Metabolome Is Our World, Presidential Address, 11th International Congress of Inborn Errors of Metabolism, August 30, 2009, San Diego, California

Nanopediatrics, Department of Pediatrics, Zeijiang University School of Medicine, November 10, 2009, Hangzhou, China

Comment on Immunologic Activity of Mother's Milk, 17th Anniversary of Beingmate, November 14, 2009, Shanghai, China

Inherited Metabolic Disease Practitioners: The Metabolome Is Our World, 1st Asian Congress for Inherited Metabolic Diseases, March 8, 2010, Fukuoka, Japan

The Present Status of the Mattel Children's Hospital UCLA: A Look Into the Future of Pediatrics, National Children's Hospital, July 13, 2010, Tokyo, Japan

The Present Status of the Mattel Children's Hospital UCLA: A Look Into the Future of Pediatrics, Tokyo Metropolitan Children's Hospital, July 14, 2010, Tokyo, Japan

The Present Status of the Mattel Children's Hospital UCLA: A Look Into the Future of Pediatrics, UCLA/Jikei Joint Seminar, Pediatric Grand Rounds, Jikei University, July 14, 2010, Tokyo, Japan

Genomic Tools for Diagnosis and Management: Can Intervention Target "Intractable" Disorders?, International Forum of Childhood Intractible Disorders, July 17, 2010, Tokyo, Japan

University of Colorado Denver – Local:

The Linda Crnic Institute for Down Syndrome and the Anna and John J. Sie Center, World Down Syndrome Day, The Children's Hospital, March 21, 2011, Aurora, Colorado

Organizing to Eradicate the Medical and Cognitive Ill Effects of Down Syndrome, Human and Molecular Development Program Seminar, University of Colorado School of Medicine, March 24, 2011, Aurora, Colorado

Linda Crnic Institute for Down Syndrome and Colorado AHECs, Colorado AHEC Program, University of Colorado Anschutz Medical Campus, May 17, 2011, Aurora, Colorado

Organizing to Eradicate the Medical and Cognitive Ill Effects of Down Syndrome, Developmental Psychobiology Research Group, University of Colorado Anschutz Medical Campus, September 13, 2011, Aurora, Colorado

Linda Crnic Institute for Down Syndrome and Colorado AHECs, Engaging Communities in Education and Research: Building Partnerships, AHEC Annual Meeting, September 24, 2011, Vail, Colorado

Reproduction: Into the Future, Leading Edge Science, October 4, 2011, Denver, Colorado

Mentoring, Third Year Pediatrics Residents, Children's Hospital Colorado, October 17, 2011, Aurora, Colorado

Protein Biomarkers in Down Syndrome, Work in Progress Seminar, Linda Crnic Institute for Down Syndrome, December 14, 2011, Aurora Colorado

Down Syndrome: Improving Management, Colorado Chapter American Academy of Pediatrics Annual Meeting, April 14, 2012, Golden, Colorado

Personalized Medicine for Individuals with Down Syndrome, Personalized Medicine: Translating the Genome into Health Care, Molecular Biology Program Symposium, April 19, 2012, Aurora, Colorado

University of Colorado Denver – National:

Genomics and Personalized Medicine, The Digital Medicine Revolution in Healthcare, American College of Healthcare Executives, September 14, 2010, Atlanta, Georgia

State Medicaid Defunding of Services for Children with Down Syndrome. Public Comments to the Secretary's Advisory Committee on Genetics, Health and Society, October 5, 2010, Washington D.C.

Public Comment as the American Society of Human Genetics Representative, Public Meeting on the NIH Project to Develop a Genetic Testing Registry, American Society of Human Genetics Annual Meeting, November 2, 2010, Washington, D.C.

Introduction of President Rod McInnes, Presidential Plenary, American Society of Human Genetics Annual Meeting, November 3, 2010, Washington, D.C.

Introduction, Prevalence Data, Patient Registries, Research Databases, and Biobanks, Down Syndrome: National Conference on Patient Registries, Research Databases, and Biobanks sponsored by NICHD and the Global Down Syndrome Foundation, December 2-3, 2010, Rockville, Maryland

Down Syndrome: Phenotypic Variability and Co-Morbidities, Next Generation Approaches to Understanding Human Phenotypes and Genetic Disease, NIGMS, February 17, 2011, Bethesda, Maryland

Creating a Centralized Down Syndrome Registry, Database and Biobank: Balancing Government Advocacy with Action, Down Syndrome Affiliates in Action Annual Meeting, February 25, 2011, Dallas, Texas

Down Syndrome Clinic: Best Practices, Best Care and Coordination, Down Syndrome Affiliates in Action Annual Meeting, February 25, 2011, Dallas, Texas

Organizing to Eradicate the Medical and Cognitive Ill Effects of Down Syndrome, North Carolina Medical Genetics Association Annual Meeting, April 8, 2011, Charlotte, North Carolina

Perspective from the Clinic and the Laboratory, Bacon Conference, Caltech, May 6-7, 2011, Pasadena, California

Down Syndrome: Social, Scientific, and Clinical Consequences of Discrimination, Affiliates LEAD: A Workshop for Leadership, Education, Advancement and Direction, National Down Syndrome Congress, August 5, 2011, San Antonio, Texas

Down Syndrome: Registry, Research Database and Biobank, National Down Syndrome Congress, August 6, 2011, San Antonio, Texas

Linda Crnic Institute for Down Syndrome and Research on Biomarkers, Congressional Down Syndrome Caucus, October 26, 2011, Washington, D.C.

Shifting Paradigms: From Genes to Systems to Society, 25th Anniversary Alumni Scientific Symposium, Institute for Molecular Genetics/Department of Molecular and Human Genetics, Baylor College of Medicine, January 30, 2012, Galveston, Texas

First Do No Harm: Consequences of Release of Non-FDA Approved Non-Invasive Prenatal Tests for Down Syndrome, Down Syndrome Affiliates in Action, March 3, 2012, Arlington, Virginia

Genomic Medicine: From Discovery to Translation, Connecticut Children's Hospital, June 12, 2012, Hartford, Connecticut

Pediatric Research: Fro Discovery to Translation, Dell Pediatric Research Institute, June 29, 2012, Austin, Texas

The Future of Newborn Screening, March of Dimes Foundation Board of Trustees, September 14, 2012, New York, New York

Genes As Commodities: Ownership of Genes by Business Interests, Genetic Counseling Training Program, Sarah Lawrence College, April 10, 2013, Bronxville, New York

University of Colorado Denver – International:

Successes of the Past and Preparation for the Future, The Future of Newborn Screening: Expanding the Repertoire to Genomic Disorders and Genetic Syndromes, American College of Medical Genetics Annual Meeting, March 17, 2011, Vancouver, British Columbia, Canada

Nanotechnology and Nanomedicine in Paediatrics, Nanotechnology and Nanomedicine in Paediatrics, 15th Annual Department of Paediatrics Laboratory Medicine Lecture, 9th Laurence E. Becker Symposium, and Grand Rounds, Department of Paediatrics and The Hospital for Sick Children, University of Toronto, June 1, 2011, Toronto, Ontario, Canada

Linda Crnic Institute for Down Syndrome: Exciting New Era, World Down Syndrome Day "Building Our Future" Conference, United Nations Headquarters, March 21, 2012, New York, New York

Child and Family Research : From Discovery to Translation, Child and Family Research Institute, University of British Columbia, May 4, 2012, Vancouver, British Columbia, Canada

Vision for the Future of the Child and Family Research Institute, Child and Family Research Institute, University of British Columbia, May 4, 2012, Vancouver, British Columbia, Canada

Personalized Medicine for Individuals with Down Syndrome: From Genotype to Phenotype to Treatment, 52nd Annual Meeting of the Japanese Teratology Society, July 6, 2012, Tokyo, Japan

Down Syndrome: Improving Management, Division of Neonatology, Department of Pediatrics, Tokyo Women's University School of Medicine, July 6, 2012, Tokyo, Japan

March of Dimes – National:

Securing the Future of Newborn Screening: The Newborn Screening Saves Lives Reauthorization Act, 50th Anniversary of Newborn Screening, American Public Health Laboratories Annual Meeting, September 18, 2013, Washington, D.C.

How we got here: The first 50 years of newborn screening. 50 Years of Newborn Screening: Celebrating Public Health Accomplishments and Future Innovations, American Public Health Association Annual Meeting, November 4, 2013, Boston, Massachusetts

Prematurity on the nation's health agenda. Addressing the Problem of Prematurity: Global, National and Local Perspectives, American Public Health Association Annual Meeting, November 5, 2013, Boston, Massachusetts

12. Teaching Record

Major Presentations to Faculty, Fellows and Housestaff:

Co-Organizer and Lecturer, How to Succeed in Academics, Baylor and UCLA (1992-2010)

Major Presentations to Medical Students:

Introduction to Clinical Medicine, Second Year Medical Students, University of Colorado (1976-1986)

Co-Organizer and Lecturer, Principles of Gene and Metabolic Regulation: An Aid to Understanding Human Diseases, Advanced Medical Students and Graduate Students, University of Colorado (1982)

Clinical Correlation, First Year Medical Students, University of Colorado (1982-1984)

Lectures to First and Second Year Medical Students UCLA (2002-2010):

Major Presentations to Graduate Students:

Lecturer, Human Genetics 236, Advanced Human Genetics, UCLA (2003-2010)

Major Presentations to Undergraduate Students:

Co-Organizer and Lecturer, Seminar to accompany UCLA Center for Society and Genetics Annual Public Symposium, UCLA (2003-2009)

Co-Organizer and Lecturer, DNA: Promise and Peril, UCLA (2003-2010)

Co-Organizer and Lecturer, How to Succeed in Academics, UCLA (2010)

Major Presentations to Middle and High School Students:

Co-Organizer and Lecturer, DNA: Promise and Peril Discussions, King Drew Magnet High School for Medicine and Science, Compton, LAUSD (2008-2010)

Co-Organizer and Lecturer, DNA: Promise and Peril Discussions, Mesa Middle School, Castle Rock (2009-2010)

Co-Organizer and Lecturer, DNA: Promise and Peril Discussions, Douglas County High School, Castle Rock (2009-2010)

Ward/Clinic Attending Duties:

Medical Staff, Pediatric Diabetes Clinic, University Hospital, Denver (1976-1980)

Attending Physician, Pediatric Intensive Care Unit, one month/year, Denver Children's Hospital (1977-1981)

Attending Physician, Pediatric Metabolism, Denver Children's Hospital (1977-1982)

Medical Director, Inherited Metabolic Diseases Clinic, University Hospital, Denver (1977-1986)

Attending Physician, Pediatric Metabolism, University Hospital, Denver (1977-1986)

Attending Physician, Pediatrics Ward, University Hospital, Denver (1977-1986)

Medical Staff, Genetics Clinic, University Hospital, Denver (1980-1986)

Attending Physician, Pediatrics Genetics, Denver Children's Hospital (1982-1986)

Director, R.J. Kleberg, Jr. Clinical Center, Institute for Molecular Genetics, Baylor College of Medicine (1986-1994)

Medical Staff, Medical Genetics Clinic, Institute for Molecular Genetics, Baylor College of Medicine (1986-1994)

Medical Staff, Metabolic Disease Clinic, Institute for Molecular Genetics, Baylor College of Medicine (1986-1994)

Attending Physician, Texas Children's Hospital, one month/year (1986-1994)

Medical Staff, St. Luke's Episcopal Hospital, Houston (1986-1994)

Medical Staff, The Methodist Hospital, Houston (1986-1994)

Medical Staff, Harris County Hospital District, Houston (1986-1994)

Medical Staff, St. Joseph's Hospital, Houston (1989-1994)

Medical Staff, Women's Hospital, Houston (1991-1994)

Physician-in-Chief, Mattel Children's Hospital, Los Angeles (1995-2010)

Medical Director, Spina Bifida Clinic, UCLA (1997-2002)

Attending Physician, Medical Genetics, Mattel Children's Hospital, Los Angeles, six weeks (2010)

Medical Geneticist, Children's Hospital Colorado (2011-2013)

Key Administrative Positions:

Chair, Housestaff Program Committee, Department of Pediatrics, University of Colorado (1981-1983)

Member, Housestaff Selection Committee, Texas Children's Hospital (1988-1994)

Member, Executive Committee, Postdoctoral Training Program in Maternal/Infant/Child Nutrition, Baylor Clinical Nutrition Research Center (1992-1994)

Mentees:

1980-1985	William K. Seltzer, Ph.D., Postdoctoral Fellow, Biochemistry of Glycerol Kinase
1983-1984	Cynthia L. Freehauf, Master's Thesis, Carrier Screening for Phenylketonuria
1985-1986	Catherine M. Walsh Vockley, Master's Thesis, Characterization of Phenylalanine Hydroxylase Restriction Fragment Length Polymorphisms in a Mixed American Population

1986-1989	Jeffrey A. Towbin, M.D., Bugher Molecular Cardiology Fellow, Cloning the Human Glycerol Kinase cDNA
1987-1991	Lisa Griffin, Medical Scientist Training Program Student, Developmental Molecular Genetics of Hexokinase I
1988-1991	Maria Descartes, M.D., Baylor Laboratory Training Program Fellow, Application of Recombinant DNA Techniques to Newborn Screening
1989-1991	Bruce D. Gelb, M.D., Pediatric Cardiology Fellow, Human Hexokinase l Gene and Its Abnormal Variants
1989-1993	Kim Worley, Molecular Genetics Graduate Student, Glycerol Kinase Deficiency and Congenital Adrenal Hypoplasia: Genomic Mapping in Xp2l
1990-1992	Volker Adams, Ph.D., Molecular Genetics Postdoctoral Fellow, Enzyme Targeting in Energy Microcompartmentation: Developmental Biology
1991-1994	Katie Coerver, Medical Scientist Training Program Student, Regulation of Expression of Hexokinase Isoenzyme I (HKI)
1991-1992	Michael Levin, M.D., Medical Genetics Postdoctoral Training Program, Automated DNA Screening for MCAD Deficiency, A Treatable Cause of SIDS
1991-1995	Desiree Sylvester-Jackson, Ph.D., Molecular Genetics Postdoctoral Fellow, Molecular Genetic Diagnosis of Sickle Cell Disease
1992-1994	Susan Gray, M.D., Neonatology Fellow, Hexokinase Expression in the Lung
1993-1994	Margaret Sampson, Molecular Genetics Graduate Student, Glycerol Kinase Knockouts: Generation of a Glycerol Kinase Deficient Mouse Model
1993-1995	Sriya Gunawardena, M.D., Hematology/Oncology Fellow, Hexokinase in Tumor Cells
1994-1996	Gary Kaselonis, M.D., Neonatology Fellow, Studies of Hexokinase in Mammary Gland During Lactation
1994-1996	Ghazala Khan, M.D., Critical Care Fellow, Automated DNA Triage for Infectious Disease
1994	Tina Corkran, Molecular Genetics Graduate Student, Structure/Function Relationship of Hexokinase
1994-1998	Weiwen Guo, M.D., Ph.D. Cloning and Characterization of the Gene Responsible for X-Linked Adrenal Hypoplasia Congenita
1994-1996	Thomas P. Burris, Ph.D., X-linked Adrenal Hypoplasia Congenita: Member of the Nuclear Hormone Receptor Superfamily
1995-1998	Kevin Kaiserman, M.D., Mutations Associated with Congenital Adrenal Hypoplasia and Hypogonadotropic Hypogonadism
1996-1998	Eric Vilain, M.D., Ph.D., Gene Therapy for Congenital Adrenal Hypoplasia
1996-2001	Megha Patel, Identification of the DAX1 Gene in the Zebra Finch

1996-2003	Robert Clipsham, D.V.M., Interaction of DAX1 and SF-1
1996-2002	Katrina Dipple, M.D., Ph.D., Genotype-Phenotype Correlations in Glycerol Kinase Deficiency
1999-2001	Koji Nagano, M.D., Ph.D., Gene Therapy for Glycerol Kinase Deficiency
1999-2004	Riki Ohira, Pathogenesis of Glycerol Kinase Deficiency
1999-2004	Phoebe Dewing, DAX1 and Other Genes in Adrenal Development
1999-2004	Jim Phelan, Ph.D., Crystal Structure of DAX1
2000-2005	Krzysztof Stanczak, DAX1 and Other Genes in Adrenal Hypoplasia Congenita
2001-2005	Kathy Niakan, DAX1 Expression in Early Embryogenesis
2001-2004	John Ho, Identification and Characterization of DAX1 Isoforms
2001-2005	Julian Martinez, M.D., Ph.D., Glycerol Kinase Deficiency in Drosophila
2001-2004	Michelle Lewis, J.D., M.D., Informed Consent for Newborn Screening
2002-2004	Naomi Kuwada, M.D., Ph.D., Gene Therapy for Glycerol Kinase Deficiency
2002-2006	Anita Iyer, Modifier Genes in Adrenal Development
2002-2006	Yan Zhao, Adrenal Development in the Zebrafish
2002-2005	Urvashi Bhardwaj, Ph.D., Tissue Culture and Astronaut Health
2002-2006	Sean McGhee, M.D., Newborn Screening for Severe Combined Immunodeficiency Syndrome
2004-2008	Motomichi Kosuga, M.D., Ph.D., Stem Cell Therapy for Glycerol Kinase Deficiency
2005-2010	Jaime Wiebers Powers, M.D., Tooth Development in Zebrafish
2006-2011	Jamie Mazilu, Adrenal Development in Zebrafish
2006-2010	Karin Chen, M.D., Newborn Screening for Severe Combined Immunodeficiency
2007-2009	Melinda Braskett, M.D., Allergic Disese in Pediatric Liver Transplant Patients Treated with Tacrolimus
2009-2011	Kaoru Eto, M.D., Ph.D., Development of the Adrenal Medulla in Zebrafish
2010-2011	Wan-In Chan, M.D., DOCK8 Function in Zebrafish
2011-2012	Karen Kelminson, M.D., Health Services Research and Down Syndrome
2011-2012	Kristin Jensen, M.D., M.S., Health Services Research and Down Syndrome

13. Grant Support:

Active Grants:

1998-2013	T32 HD07512, Human and Molecular Development Training Program, NICHD, Principal Investigator ($3,148,332)
2013-2018	1U38OT000199, Network to Reduce Preterm Birth and Infant Mortality, CDC, Principal Investigator ($500,000)

Other Grants Awarded:

1980-1984	R01 AM26265, Developmental Impact of Glycerol Kinase Deficiency ($139,474) National Institute of Arthritis, Diabetes, Digestive and Kidney Disease
1981-1984	5-332, Basil O'Connor Starter Research Grant, Human Glycerol Kinase: Developmental Biochemistry and Investigations of the Inherited Deficiency State ($66,874) March of Dimes Birth Defects Foundation
1984-1987	2 R01 HD08315, Studies on Glycerol Kinase Deficiency ($218,490) National Institute of Child Health and Human Development
1986-1987	RR-052425 (BRSG) Molecular Genetic Studies of Glycerol Kinase Deficiency ($9,772) National Institutes of Health
1987-1988	The Joseph P. Kennedy, Jr., Foundation Mental Retardation Fluid Research Grant ($30,000) The Kennedy Foundation
1987-2007	2 R01 HD22563 Molecular Genetic Studies of Glycerol Kinase Deficiency ($2,175,235) National Institute of Child Health and Human Development; Includes Minority Supplements for Desiree Sylvester-Jackson, Ph.D. and Riki Ohira, Ph.D.
1988-1991	18-88-18 Expression and Regulation of Hexokinase in HKI Deficiency and Cardiac Development ($36,000) Predoctoral Graduate Research Training Fellowship to Lisa Griffin, Sponsor: Edward R.B. McCabe, M.D., Ph.D., March of Dimes Birth Defects Foundation
1988-1991	MCJ-480566, Sickle Cell Anemia: DNA for Newborn Screening Follow-up ($199,972) Maternal and Child Health and Research Resources
1988-1998	2 P30 HD24064, Baylor Mental Retardation Research Center ($4,538,483) National Institute of Child Health and Human Development
1988-1994	MCJ-009121, Baylor Laboratory Training Program ($824,40l) Maternal and Child Health Bureau
1989	The Joseph P. Kennedy, Jr. Foundation Mental Retardation Fluid Research Grant ($10,000), The Kennedy Foundation
1989-1991	NIH NRSA l F32 GM13063 Human Hexokinase I Gene and Its Abnormal Variants ($64,750), Postdoctoral Fellow: Bruce D. Gelb, M.D.; Sponsor: Edward RB. McCabe, M.D., Ph.D.
1990-1995	l P30 HD27823 Baylor Child Health Research Center: Molecular Medicine Approaches to Pediatrics ($1,542,510) National Institute of Child Health and Human Development,

	Principal Investigator: Ralph D. Feigin, M.D.; Program Director and Core Laboratory Director: Edward R.B. McCabe, M.D., Ph.D.
1990-1992	MCJ-481007 Newborn Screening: Applications of Molecular Genetic Technology ($144,280) Maternal and Child Health and Research Resources
1990-1995	NIH CIA K08 HL02485 Molecular Linkage and Cloning of X-Linked Cardiomyopathy ($340,000) Clinical Investigator: Jeffrey A. Towbin, M.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1991-1994	1 P30 HD00210 Baylor College of Medicine Human Genome Program Center, National Center for Human Genome Research; Principal Investigator: C. Thomas Caskey, M.D.; Molecular Medicine Core Director: Edward R.B. McCabe, M.D., Ph.D. ($481,759)
1992-1995	MCJ-487G0l DNA/RNA Diagnosis of Thalassemia in Newborn Screening ($20l,006) Maternal and Child Health Bureau
1992-1995	MCJ-487G02 Automated DNA Analysis for Hemoglobin Screening ($3l7,544) Maternal and Child Health Bureau
1992-1993	l R03 RR0784l Automated DNA Testing for Screening and Diagnosis ($35,000) National Center for Research Resources
1993-1996	NIH NRSA l F32 HL03349 Hexokinase in Developing Rat Lung ($89,700), Postdoctoral Fellow: Susan M. Gray, M.D., Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1993-1994	Rl3 CCR609l82 Public Health Conference Grant - International Conference on Neural Tube Defects ($20,000) Centers for Disease Control
1993-1995	Brain Hexokinase in Ischemic and Reperfused Piglets ($100,000) United Cerebral PalsyResearch and Educational Foundation, Inc.
1993-1994	International Conferences on Neural Tube Defects ($10,000) March of Dimes Birth Defects Foundation
1994-1997	Coactivators of the Progesterone Receptor ($78,000), American Cancer Society, Postdoctoral Fellow: Thomas P. Burris, Ph.D., Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1996-2003	Research Resources Program for Medical Schools, Howard Hughes Medical Institute; Principal Investigator: Lenny Rome, Ph.D.; Disease Mapping Core Director and PRIME Program Director: Edward R.B. McCabe, M.D., Ph.D. ($1,075,392)
1996-1998	Postdoctoral Research Fellowship ($36,000), INSERM; Fellow: Eric Vilain, M.D., Ph.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1996-2001	NHLBI MCSDA Characterization of the EpoR Fusion Partner in TF-1 Cells ($370,000), Principal Investigator: Lisa Schimmenti, M.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1996-1997	Rapid Diagnosis of Infection and Identification of Pathogenic Bacteria ($3,100) UCLA Academic Senate Research Award

1996-1999	K08 HD01103, NICHD, Molecular Genetics of Rett Syndrome ($281,934), Principal Investigator: N. Carolyn Schanen, M.D., Ph.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1996-2011	K12 HD34610, NICHD, UCLA Child Health Research Career Development Award, Principal Investigator ($5,174,495)
1997-1998	Genentech Foundation for Growth and Development ($45,455); Fellow: Kevin Kaiserman, M.D.; Sponsor: Edward R.B. McCabe, M.D,. Ph.D.
1997-2002	K08 DK0511, NIDDK, DAX1 Function in Adrenocortical Development ($392,500), Principal Investigator: Kevin Kaiserman, M.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
1997-1998	SBIR, NIAID, Universal PCR for Identification of Emerging Bacteria ($21,711), Principal Investigator: Sandy Savall, Ph.D.; Subcontractor: Edward R.B. McCabe, M.D., Ph.D.
1999-2001	American Academy of Pediatrics Section on Genetics and Birth Defects 1999 Young Investigator Research Grant, Molecular Mechanisms of Glycerol Kinase Deficiency ($20,000), Principal Investigator: Katrina Dipple, M.D., Ph.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
2000-2001	Bank of America-Giannini Foundation, Molecular Mechanisms of Glycerol Kinase Deficiency ($30,000); Principal Investigator: Katrina Dipple, M.D., Ph.D.; Sponsor: Edward R.B. McCabe, M.D., Ph.D.
2001-2007	R01 HD39233, Molecular Mechanisms of Adrenal Development ($1,025,000)
2000-2001	Maternal and Child Health Bureau, Newborn Screening for the Hemoglobinopathies ($225,000)
2001-2006	K08 DK60055, Molecular Mechanisms of Glycerol Kinase Deficiency ($563,750), Principal Investigator: Katrina Dipple, M.D., Ph.D.; Mentor: Edward R.B. McCabe, M.D., Ph.D.
2001-2004	F32 HD40738, Structural Analysis of DAX1 ($104,937), Fellow: James K. Phelan, Ph.D.; Mentor: Edward R.B. McCabe, M.D., Ph.D.
2001-2003	240-MCHB-01, Consent Process for Newborn Screening ($1,267,825)
2002	American Society of Human Genetics, Oral History of Medical Genetics ($25,000)
2002-2007	R01 EB00127, National Institute for Biomedical Imaging and Bioengineering, Uropathogen Detection Using DNA Biosensors, Principal Investigator: Bernard Churchill, M.D.; Probe Development: Edward R.B. McCabe, M.D., Ph.D. ($350,000)
2002-2007	NCC2 1364, NASA, Institute for Cell Mimetic Space Exploration, Principal Investigator: Chih-Ming Ho, Ph.D., Tissue Culture: Edward R.B. McCabe, M.D., Ph.D. ($600,000)
2003-2004	Rockefeller Brothers Fund, Inc., Newborn Screening for Severe Combined Immunodeficiency: Sean McGhee, M.D. (Fellow), Edward R.B. McCabe, M.D., Ph.D. (Mentor) ($20,223)
2004	March of Dimes Birth Defects Foundation, Oral History of Medical Genetics ($25,000)

2004	American Society for Human Genetics, Oral History of Medical Genetics ($25,000)
2004-2010	R01 HG0033206, Oral History of Human Genetics: The Intelligent Archive, Principal Investigator ($414,181)
2006-2009	8604-7063X, National Science Foundation, Oral History of Human Genetics, Principal Investigator: Nathaniel Comfort, Project Investigator: Ed McCabe
2008-2010	Team Teaching in Secondary Education at the Interface of Society and Genetics, UCLA CSG-King Drew Magnet High School of Science and Medicine, UCLA Center for Community Partnerships, Principal Investigator ($69,000)
2008-2012	NanoPediatrics, Mattel Children's Foundation, Principal Investigator ($1,800,000)
2008-2012	International Pediatric Education, Research and Training Program, Mattel Children's Foundation, Principal Investigator ($200,000)
2012	NextGen Exome Sequencing Project: Investigating Children with Down Syndrome and Transient Myeloproliferative Disease Who Progress to Leukemia versus Those Who Have Spontaneous Regression, Principal Invesstigator: E. McCabe, ($5,000)

14. Bibliography:

Papers Published in Peer –Reviewed Journals:

1. **E.R.B. McCabe**, E.C. Layne, D.F. Sayler, N. Slusher and S.P. Bessman: Synergy of ethanol and a natural soporific--gamma-hydroxybutyrate. Science 171:404-406, 1971.

2. S.P. Bessman and **E.R.B. McCabe**: 1,4-Butanediol: A substrate for rat liver and horse liver alcohol dehydrogenases. Biochemical Pharmacology 21:1135-1142, 1972.

3. S.P. Bessman, P.G. Geiger, T.-C. Lu and **E.R.B. McCabe**: Separation and automated analysis of phosphorylated metabolic intermediates. Analytical Biochemistry 59:533-546,1974.

4. **E.R.B. McCabe**, P.V. Fennessey, M.A. Guggenheim, B.S. Miles, W.W. Bullen, D.J. Sceats and S.I. Goodman: Human glycerol kinase deficiency with hyperglycerolemia and glyceroluria. Biochemical and Biophysical Research Communications 78:1327-1333,1977.

5. S.I. Goodman, **E.R.B. McCabe**, P.V. Fennessey, B.S. Miles, J.W. Mace and E. Jellum: Methylmalonic/beta-hydroxy-n-valeric aciduria due to methylmalonyl-CoA mutase deficiency. Clinica Chimica Acta 87:441-449,1978.

6. R.O. Fisch, **E.R.B. McCabe**, D. Doeden, L.J. Koep, J.G. Kohlhoff, A. Silverman and T.E. Starzl: Homotransplantation of the liver in a patient with hepatoma in hereditary tyrosinemia. Journal of Pediatrics 93:592-596,1978.

7. M.E. Pichichero and **E.R.B. McCabe**: Recurrent Reye's syndrome. American Journal of Diseases of Childhood 132:1097-1099,1978.

8. **E.R.B. McCabe**, J.H. Kersey, P.R Vandersteen and G.J. Vosika: Reverse transcriptase in a patient with scleroderma. Biochemical Medicine 21:47-54,1979.

9. D.A. Stumpf, **E.R.B. McCabe**, J.K. Parks, W.W. Bullen and S. Schiff: Loosely coupled oxidative phosphorylation induced by protoporphyrin Biochemical Medicine 21:182-189, 1979.

10. S.I. Goodman, **E.R.B. McCabe**, P.V. Fennessey and J.W. Mace: Multiple acyl-CoA dehydrogenase deficiency (glutaric aciduria type II) with transient hypersarcosinemia and sarcosinuria; possible inherited deficiency of an electron transport flavoprotein. Pediatric Research 14:12-17, 1980.

11. R.L. Leibel, V.E. Shih, S.I. Goodman, M.L. Bauman, **E.R.B. McCabe**, R.G. Zwerdling, I. Bergman and C. Costello: Glutaric acidemia: A metabolic disorder causing progressive choreoathetosis. Neurology 30:1163-1168, 1980.

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296. J.K. Mazilu, Y. Zhao, and **E.R.B. McCabe**: Zebrafish adrenal development: Confocal videography. Presented to the XIII Adrenal Cortex Conference, June 11-14, 2008, San Francisco, California.

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300. **E.R.B. McCabe**: Inherited metabolic disease practitioners: The metabolome is our world. Presented to the Asian Society of Inborn Errors of Metabolism. March 2010, Fukuoka, Japan.

301. J.W. Powers, J.K. Mazilu, S. Lin, and **E.R.B. McCabe**: *ff1b*, the *SF1* ortholog, is important for pancreatic islet cell development in zebrafish. Presented to The Endocrine Society, June 19-22, 2010, San Deigo, California.

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304. Y. Fan, R. Chang, M. fox, B.A. Westerfield, J. Steller, A.J. Batra, A.R. Wang, K. Dipple, N. Gallant, L.S. Pena, H. Wang, V.E. Kimonis, and **E.R.B. McCabe**, A novel missense mutation M185V in the TAZ gene associated with atypical Barth syndrome. American Society of Human Genetics, November, 2010, Washington: D.C.

305. K. Eto, J.K. Mazilu, N. Henderson-Mac Lennan, and **E.R.B. McCabe**, Stress and the role of sonic hedgehog in early development of adrenal cortex and medulla in zebrafish. Submitted to the Pediatric Academic Societies. April 30-May 3, 2011, Denver, Colorado.

306. L.L. McCabe and **E.R.B. McCabe**: Creating a centralized Down syndrome registry and biobank: Balancing government advocacy with action. Down Syndrome Affiliates in Action. February 25, 2011, Dallas, Texas.

307. L.L. McCabe and **E.R.B. McCabe**: Down Syndrome: Discrimination, coercion and eugenics. Presented to the American College of Medical Genetics, March 18, 2011, Vancouver, British Columbia, Canada.

308. L.L. McCabe and **E.R.B. McCabe**: UCLA Center for Society and Genetics. Science on FIRE: Facilitating Interdisciplinary Research and Education, Colorado Initiative in Molecular Biotechnology and American Association for the Advancement of Science, March 28-29, 2011, Boulder, Colorado.

309. L.L. McCabe and **E.R.B. McCabe**: Linda Crnic Institute for Down Syndrome. Science on FIRE: Facilitating Interdisciplinary Research and Education, Colorado Initiative in Molecular Biotechnology and American Association for the Advancement of Science, March 28-29, 2011, Boulder, Colorado.

310. L.L. McCabe and **E.R.B. McCabe**: DNA: Promise and Peril, Science on FIRE: Facilitating Interdisciplinary Research and Education, Colorado Initiative in Molecular Biotechnology and Americna Association for the Advancement of Science, March 28-29, 2011, Boulder, Colorado.

311. L.L. McCabe and **E.R.B. McCabe**: Creating a centralized Down syndrome registry and biobank: Balancing government advocacy with action. National Down Syndrome Congress, August 5-7, 2011, San Antonio, Texas.

312. L.L. McCabe and **E.R.B. McCabe**: First Do No Harm: Consequences of Release of Non-FDA Approved Non-Invasive Tests for Down Syndrome. Down Syndrome Affiliates in Action Leadership Conference, March 2-3, 2012, Arlington, Virignia.

313. L.L. McCabe and **E.R.B. McCabe**: First Do No Harm: Consequences of Release of Non-FDA Approved Non-Invasive Tests for Down Syndrome. American College of Medical Genetics Annual Meeting, March 27-31, 2012, Charlotte, North Carolina.

314. L.L. McCabe and **E.R.B. McCabe**: First Do No Harm: Consequences of Release of Non-FDA Approved Non-Invasive Tests for Down Syndrome. Accepted for presentation to the National Down Syndrome Congress Annual Meeting, July 20-22, 2012, Washington, D.C.

315. L.L. McCabe and **E.R.B. McCabe**: Linda Crnic Institute for Down syndrome. Accepted for presentation to the World Down Syndrome Congress. August 12-14, 2012, Capetown, South Africa.

316. A.P. Presson, G. Partyka, K.M. Jensen, S.A. Rasmussen, O.J. Devine, L. McCabe, **E.R.B. McCabe**: Prevalence of Down syndrome in the United States. Presented to the American Society of Human Genetics. November 6-10, 2012, San Francisco.