

CURRICULUM VITAE

PERSONAL DATA

Robert M. Fineman, AB, MD, PhD
6266 Lake Shore Drive South
Seattle, Washington 98118
Birthplace: Philadelphia, Pennsylvania
Citizenship: United States

EDUCATION

Baccalaureate Degree: 1966, Temple University, Chemistry
Externships: 1971-1972, Moore Clinic, Johns Hopkins Medical
Institutions; Divisions of Medical Genetics,
Nephrology, Endocrinology, Cardiology, and
Radiology, Children's Hospital and Medical Center,
Boston
Doctor of Medicine: 1972, SUNY, Brooklyn
Doctor of Philosophy: 1972, SUNY, Brooklyn, Anatomy and Cell Biology
Pediatric Intern: 1972-73, Duke University
Pediatric Resident: 1973-74, Duke University
Postdoctoral Fellow in Human
Genetics and Pediatrics: 1974-77, Yale University
Diplomate of the National Board of Medical Examiners: 1973
Diplomate of the American Board of Pediatrics: 1978
Diplomate of the American Board of Medical Genetics: 1982
(Clinical Genetics and Cytogenetics)

PROFESSIONAL EXPERIENCE

1977-1984: Assistant Professor of Pediatrics and Director, Division of Medical
Genetics, University of Utah School of Medicine.
1977-1990: Medical Genetics Consultant, Utah Department of Health and the Birth
Defects Clinic, Primary Children's Medical Center, Salt Lake City.
1984-1990: Associate Professor of Pediatrics, University of Utah School of
Medicine.
1987-1990: Research Associate Professor, Department of Anatomy, University of
Utah School of Medicine.
1990-1990: Professor of Pediatrics, University of Utah School of Medicine.
1991-1994: Director, Maternal/Infant Health and Genetics, Parent-Child Health
Services, Washington State Department of Health.
1991-1994: Clinical Associate Professor, University of Washington School of
Public Health and Community Medicine.
1994-2000: Medical Consultant, Office of Maternal and Child Health, Community
and Family Health, Washington State Department of Health.
1994-2002: Clinical Professor, University of Washington School of Public Health
and Community Medicine.

2000-present: Medical Consultant, Newborn Screening Program, Washington State Department of Health.
2000-2004: Owner and President, Robert M. Fineman Associates, Seattle
2001-2006: Alternate Voting Member of the Board, Quorum Review IRB, Seattle.
2002-present: Clinical Professor, Department of Pediatrics, University of Washington School of Medicine
2002-present: Executive Director, Sino-American Genomics Foundation, Seattle
2006-2006: Associate Medical Director (Medical Consultant, Expedited Reviewer, and Voting Member of the Board), Quorum Review IRB, Seattle.
2007-present: Dean, Health and Human Services, North Seattle Community College

GRANT AND CONTRACT SUPPORT (beginning with the most recent)

1. Contract to evaluate the goals, objectives, and required activities of the regional genetic service and newborn screening collaboratives (RCs) supported by the Genetics Services Branch, Maternal and Child Health Bureau, Health Resources and Services Administration; \$20,000.00 from April 2007 to January 2008.
2. Content Writer: Time Line Project - Division of Children with Special Health Care Needs Historical Highlights, Genetic Services Branch, Maternal and Child Health Bureau, Health Resources and Services Administration; \$5,000.00 from December 2006 to January 2007.
3. Consumer Network for Genetic Resources and Services Information; funds received from HRSA (Health Resources and Services Administration) to the March of Dimes, \$3.5 million from June 1, 2000 to May 31, 2005; senior medical consultant.
4. Genetics & Your Practice, funds received from the Robert Wood Johnson Foundation to the March of Dimes to improve the nature and scope, and evaluate the effectiveness of Genetics & Your Practice; \$750,000 from June 1, 2000 to May 31, 2004, senior medical consultant.
5. Sino-American Y2000 Genetics Meeting, funds received from the March of Dimes (\$15,000) and the U.S. Department of State (\$6,500) to hold a one week course in genetics at Hunan Medical University, Changsha, PRC, June 2000.
6. The Genetic Awareness Coalition (GAC), funds received from the Robert Wood Johnson Foundation (\$30,000), HRSA/Genetic Services Branch (\$7,000) and the March of Dimes (\$2,500) to help create a national genetic awareness campaign, 1998, principal investigator.
7. The Washington State Genetic Education Program for Primary Care Providers, a three-year grant from the Genetic Services Branch, Maternal and Child Health Bureau, DHHS, 10/1/94 - 9/30/97, \$238,390 received in Years 01 - 03, principal investigator; renewed for an additional three years, 10/1/97-9/30/00, \$388,000 in Years 04-06, principal investigator.
8. Washington State Fetal Alcohol Syndrome Prevention Program, a five-year grant from the Centers for Disease Control and Prevention, 10/1/92 - 9/30/97, \$768,171 received in Years 01-05, principal investigator.
9. The Washington Newborn Screening Hemoglobinopathy Program, a three-year grant from the Genetic Services Branch, Maternal and Child Health Bureau,

- DHHS, 10/1/92 - 9/30/95, \$237,730 received in Years 01 and 02, principal investigator.
10. Disabilities Prevention Grant to Community and Family Health, Washington State Department of Health (Rita Schmidt, P.I.) from the Centers for Disease Control and Prevention; co-principal investigator responsible for the fetal alcohol syndrome and sickle cell anemia projects, 10/1/91 - 9/30/96, \$220,000 received in total for fetal alcohol syndrome and sickle cell disease projects in Years 01-05.
 11. Cooperative agreement for the Infant Health Initiative Program (Pregnancy Risk Assessment Monitoring Systems, PRAMS), a five-year grant from the Centers for Disease Control and Prevention, 9/27/91 - 9/26/96), principal investigator in Years 03-05, \$237,322 for Years 03-05.
 12. Creation and maintenance of a medical genetics program for the State of Utah; contract to the Division of Medical Genetics, University of Utah, from the Utah Department of Health, 10/1/77 - 12/31/89, \$1,422,493, principal investigator.
 13. Utah early identification program, March of Dimes Birth Defects Foundation, 1/1/89 - 12/31/90, \$36,000, principal investigator.
 14. Early identification project, contract to the Division of Medical Genetics from the Utah Department of Health, 7/1/88 - 6/30/89, \$19,762, principal investigator.
 15. Medical genetics service grant, March of Dimes Birth Defects Foundation, 1/1/78 - 12/31/88, \$360,534, principal investigator.
 16. Collection of a medical genetics minimum data set for the Mountain States Regional Genetic Services Network, 10/1/87 - 9/30/88, \$60,640, principal investigator.
 17. State of Utah Comprehensive Program of Pregnancy Outcome Grant, Willard Eccles Foundation, 11/1/87 - 10/31/89, \$150,900, co-principal investigator.
 18. Genetic disease testing and counseling program: a regional genetics service program project grant from the Bureau of Community Health Services, HSA/PHS/DHEW to the Utah Department of Health and the University of Utah, approved 10/1/80 - 9/30/85, \$523,990, principal investigator.
 19. Linkage studies in large families with different heritable disorders, grant from the Thrasher Research Fund, 7/1/78 - 6/30/80, \$31,680, principal investigator.
 20. Genetic and epidemiologic studies to determine the etiology of neural tube defects, March of Dimes Birth Defects Foundation, 4/1/80 - 3/31/83, \$60,000, principal investigator.
 21. Postdoctoral training grant in basic and medical genetics (NIH 1-T32 GM07825-01), Karl G. Lark, PhD, program director, 7/1/80 - 6/30/85, \$554,172, investigator.
 22. Summer medical student research projects, March of Dimes Birth Defects Foundation, summers of 1979, 1980, 1981, 1982, \$7,000, principal and/or co-principal investigator for four projects.
 23. Studies of colorectal cancer in Utah. Subcontract for \$6,000 from the NCI (#82.032) as an investigator to perform chromosome studies in patients with Gardner syndrome. Eldon J. Gardner, principal investigator, 1982.
 24. Ethical, legal and religious considerations in the future practice of reproductive medicine. \$15,000 from the Herbert I. and Elsa B. Michael Foundation and

\$2,500 from the National Conference of Christians and Jews to support a two-day symposium held at the University of Utah, March 1983, course director.

HONORS/AWARDS

1. Eagle Scout Award, 1962
2. Philadelphia Board of Public Education Scholarship to Temple University, 1963 - 1966 (graduated college in 3 years).
3. Temple University Scholarship, 1963 - 1966.
4. USPHS fellowship for graduate studies in anatomy and cell biology at the SUNY, Downstate Medical Center, 1967 - 1970.
5. USPHS fellowship for post-graduate studies in medical genetics, Yale University, 1974 - 1977.
6. Society for Pediatric Research, 1988.
7. Co-produced (as Director of the Office of Maternal/Infant Health and Genetics) with the Western Washington Chapter of the March of Dimes Birth Defects Foundation an Emmy Award winning instructional video (aimed at middle school students) entitled, The Fabulous FAS Quiz Show, 1994.
8. Jonas Salk Program Award from the Western Washington Chapter of the March of Dimes, 1998.
9. Unsung Hero of the Year Award, Western Washington Chapter of the March of Dimes, 1999.
10. Governing for Results: Washington State Genetics Advisory Committee, co-award nominee, Governor Gary Locke, April 1999.
11. Certificate of Honor Award from the College of Science and Technology, Temple University, March 2006

ADMINISTRATIVE EXPERIENCE (beginning with the most recent)

1. "Distinguished Member" of the Washington State IRB (Human Research Review Board B), 1994 - present; Chair of Board B, 2001 - 2007.
2. Director of the Office of Maternal/Infant Health and Genetics, Community and Family Health (formerly Parent-Child Health Services), Washington State Department of Health; responsible for overseeing programs statewide for Maternity Support Services, Perinatal Regional Care, Media Campaign, Genetic Services, Fetal Alcohol Syndrome Diagnosis and Prevention, and Child Mortality Review and Prevention, 1991 - 1997.
3. Committee to create a PhD program in Public Health Genetics at the University of Washington School of Public Health and Community Medicine, 1996.
4. Founder and Director of the University of Utah Division of Medical Genetics.
5. Founder of the Utah Statewide Medical Genetics/Birth Defects Program:
Director of the University of Utah Medical Center clinical cytogenetics laboratory (1977 - 1989);
Director of the Medical Genetics Section of the Utah Early Identification and Referral Program in collaboration with the Utah State Department of Health;
Director of the statewide PKU clinic (1979 - 1984);
Outpatient genetic/birth defect consultation service at the University of Utah Medical Center and a satellite (Ogden, Primary Children's Medical Center,

- Vernal, Moab, Blanding, Richfield, Cedar City, and St. George) clinic system in collaboration with the Handicapped Children's Service of the Utah State Health Department;
- Inpatient genetic/birth defect consultation service at Primary Children's Medical Center and the University of Utah Medical Center;
- Prenatal diagnosis program in collaboration with the Departments of Obstetrics and Gynecology, and Radiology; and
- Adult genetic disease carrier detection program.
6. Academic Committees:
- Search committee for the Director for the Howard Hughes Medical Institute/University of Utah Human Genetics Program, 1978 - 1980.
- Chairperson, Department of Biochemistry, University of Utah School of Medicine, 1980.
- Ad Hoc Committee to create a Department of Human Genetics at the University of Utah, 1979 - 1981.
- University of Utah School of Medicine Admissions Committee, 1987 - 1990.

PROFESSIONAL/COMMUNITY ACTIVITIES

1. Director or co-director of the First, Second, Third, and Fifth Annual Birth Defects, Mental Retardation and Medical Genetics Symposia, held in Salt Lake City in 1978, 1979, 1980, and 1983--approximately 8,000 contact hours awarded in total to physicians and nurses throughout the Intermountain region.
2. Presented more than 125 lectures concerning the prevention of birth defects and hereditary diseases in high schools, colleges, and radio and TV shows, women's clubs and for other lay population groups in Utah, 1977 - 1990.
3. Consultant to the Utah Health Systems Agency re: Preventive Activities in Human Biology - Creation and Coordination of a Statewide Medical Genetics Program, 1979 - 1980.
4. Consultant to the College of American Pathologists for on-site inspection of cytogenetics laboratories at the University of Washington (1980), and the University of Colorado (1981, 1982).
5. President, Board of Trustees, Congregation Kol Ami, Salt Lake City, 1980 - 1982.
6. Reviewed manuscripts for the following journals: Pediatrics, Clinical Genetics, American Journal of Medical Genetics, Cleft Palate Journal, Teratology, New England Journal of Medicine, Journal of Pediatrics, and Community Genetics.
7. Assistant to the Director of the Mountain States Regional Genetic Services Network; representative of the Mountain States Regional Genetic Services Network to the Council of Regional Networks for Genetic Services; and co-coordinator for the collection of a medical genetics minimum data set for the Mountain States Region (all from 1986 - 1990).
8. Mountain States Regional Genetics Services Network (Utah, Colorado, Arizona, New Mexico, Wyoming, Montana), member of the Steering Committee, Assistant to the Director and Chairman of the Database Subcommittee, 1986 - 1989.

9. Member of the Executive Steering Committee (1991 - 2000), and Chairman of the Data and Finance Committee (1992-1997) of the Pacific Northwest Regional Genetics Group (Oregon, Washington, Idaho, and Alaska).
10. Member of the Western Washington Chapter of the March of Dimes Birth Defects Foundation, Health Professionals Advisory Committee, 1992 - 2003.
11. Chair, Quality Assurance Subcommittee of the Council of Regional Networks, 1994.
12. Guest editor, Northwest Bulletin (clinical genetics issue), Volume 10, Number 2, Spring 1996.
13. Chair, Finance Subcommittee of the Council of Regional Networks, 1996 - 1999.
14. Member of NCHPEG (National Coalition for Health Professional Education in Genetics), representing the March of Dimes Birth Defects Foundation, 1998 - 2003.
15. Member of an ad hoc committee to create medical genetics/public health genetics objectives for Healthy People 2010, June - July, 1998.
16. Met with Surgeon General of the United States, Dr. David Satcher, and his staff (along with several other public health professionals and consumers) to discuss the future of public health genetics, September, 1998.
17. Member, Advisory Committee, National Newborn Screening and Genetics Resource Center, 1998 - 2003.
18. Co-chair, MCH Genetics Subcommittee, American Public Health Association (APHA), 1999 - 2001.
19. Member of GROW (Genetic Resources On the Web), 1999-2002.
20. Member of the Social Issues Committee of the American Society of Human Genetics, 2001 - 2004.
21. President, Board of Trustees, Congregation Shevet Achim, Mercer Island, WA, 2001 – 2003.
22. Member of the March of Dimes Western Regional Program Services Committee, 2004.
23. Member of the Leadership Planning Committee, College of Science and Technology, Temple University, 2006 – present.

PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
 American Society of Human Genetics
 Teratology Society
 Western Society for Pediatric Research
 American Public Health Association
 American Medical Association
 Applied Research Ethics National Association
 Association of Clinical Research Professionals

LICENSURES

Connecticut 1974-1977
 Utah 1977-1990
 Washington 1991-present

TEACHING RESPONSIBILITIES

1. Ward attending for the Department of Pediatrics, University of Utah, 1978 - 1984, 1986 – 1989, (approximately 4 housestaff and 4 medical students for each 6 week rotation).
2. Lecturer in medical genetics to first year medical class (Biochemistry 510), abnormal development of the human central nervous system (Anatomy); second year medical class (Reproductive Organ System Course); third year medical students (Pediatrics rotation); pediatric housestaff; and the University of Utah and BYU Colleges of Nursing (1-2 lectures per quarter).
3. Genetics/birth defects inpatient attending (4 months per year), 1977 - 1988.
4. Presented lectures intermittently on public health genetics at the University of Washington School of Public Health; and on medical genetics at the University of Washington Schools of Nursing and Social Work.
5. Research/Training Program Mentor:
 - Undergraduate level - Victor Biberston (original publication #24, below); Brent L. Blackburn (abstract #s 25 – 28, below).
 - Medical student level - Max Lundberg (original publication #18; abstract #13); Brent L. Blackburn (original publication #41).
 - Genetic counselor level - Rick Martin (original publication #28; abstract #19); J. Bentvelzen (abstract #35).
 - Graduate student level - Maureen Sanderson (original publication #42; abstract #s 39, 40, 43); Jill Thompson.
 - Doctoral (thesis) committee for Jodi Smith, University of Utah (Anatomy).
 - Postdoctoral level - SY Pi (original publication #12), John P. Johnson (original publication #22), Cathy Stevens (original publication #38), and Jau-Shon Yan.

BIBLIOGRAPHY

A. Original Publications

1. Fineman R, Hamilton J, Siler W. 1974 Duration of life and mortality rates in male and female phenotypes in three sex chromosomal genotypes (XX,XY,YY) in the killifish, *Oryzias latipes*. J Exp Zool 188:35-40.
2. Fineman R, Hamilton J, Chase G, Bolling D. 1974 Length, weight and secondary sex character development in male and female phenotypes in three sex chromosomal genotypes (XX, XY, YY) in the killifish, *Oryzias latipes*. J Exp Zool 189:227-234.
3. Fineman R, Hamilton J, and Chase G. 1975 Reproductive performance of male and female phenotypes in three sex chromosomal genotypes (XX, XY, YY) in the killifish, *Oryzias latipes*. J Exp Zool 192:349-354.
4. Fineman R, Ablow R, Howard R, Albright J, and Breg WR. 1975 Trisomy 8 mosaicism syndrome. Pediatrics 56:762-767.
5. Weinreib I, Fineman R, and Spiro H. 1976 Turner syndrome and inflammatory bowel disease. N Engl J Med 294:1221-22.

6. Fineman R, Kidd K, Johnson A, and Breg WR. 1976 Increased frequency of heterozygotes for alpha-1 antitrypsin variants in individuals with either sex chromosomal mosaicism or trisomy 21. *Nature* 260:320-321.
7. Fineman R, Hecht F, Ablow R, Howard R, and Breg WR. 1978 Chromosome 3 duplication q/deletion p syndrome. *Pediatrics* 61:611-618.
8. Howard R, Fineman R, Anderson B et al. 1979 Unilateral cryptophthalmia. *Am J Ophthalmol* 87:556-560.
9. Miller M, Fineman R, and Smith DW. 1979 Postaxial acrofacial dysostosis syndrome. *J Pediatr* 95:970-975.
10. Fineman R, Ablow R, Breg WR, et al. 1979 Complete and partial trisomy of different segments of chromosome 8: Case reports and review. *Clin Genet* 16:390-398.
11. Smith R, Fineman R, Sillence D, et al. 1980 Congenital macular colobomas and short-limb skeletal dysplasia. *Am J Med Genet* 5:365-371.
12. Pi S-Y, Fineman R, Wing SD, et al. 1980 Holoprosencephaly in a Down syndrome child. *Am J Med Genet* 5:201-206.
13. Cheson B, Vaninetti S, Buskjaer L, and Fineman R. 1980 Philadelphia chromosome (Ph1) associated leukemias: A family study. *Cancer Genet and Cytogenet* 1:321-328.
14. Smith RD, Fineman R, and Myers G. 1980 A new syndrome of short stature, psychomotor retardation and unusual facial features in two brothers. *Am J Med Genet* 7:5-9.
15. Mitchell J, Packman S, Loughman W, Fineman R, Zachai E, Patil S, Emanuel B, Bartley J, and Hanson J. 1981 Deletions of different segments of the long arm of chromosome 4. *Am J Med Genet* 8:73-89.
16. Ondreyco S, Kjeldsberg C, Fineman R, Vaninetti S, and Kushner J. 1981 Monoblastic transformation in chronic myelogenous leukemia: Presentation with massive hepatic involvement. *Cancer* 48:957-963.
17. Fineman R. 1981 Recurrence of the postaxial acrofacial dysostosis syndrome in a sibship: Implications for genetic counseling. *J Pediatr* 98:87-88.
18. Lundberg M, Jerominski L, Livingston G, Kochenour N, Lee T and Fineman R. 1982 Failure to demonstrate an effect of in vivo diagnostic ultrasound on sister chromatid exchange frequency in amniotic fluid cells. *Amer J Med Genet* 11:31-35.
19. Carey J, Fineman R and Ziter F. 1982 The Pierre Robin sequence as a consequence of malformation, dysplasia and neuromuscular syndromes. *J Pediatr* 101:858-864.
20. Fineman R and Gordis D. 1982 Jewish perspective on prenatal diagnosis and selective abortion of affected fetuses: including some comparisons with prevailing Catholic beliefs. *Am J Med Genet* 12:355-360.
21. Fineman R, Jorde L, Martin R, Hasstedt S, Wing SD and Walker M. 1982 Spinal dystrophia as an autosomal dominant defect in four families. *Am J Med Genet* 12:457-464.
22. Johnson J and Fineman R. 1982 Branchial arch malformations in infants of diabetic mothers: two case reports and a review. *Am J Med Genet* 13:125-130.

23. Livingston G and Fineman R. 1983 Correlation of human lymphocyte SCE frequency with smoking history. *Mutation Res* 119:59-64.
24. Biberston V, Fineman R and Livingston G. 1983 Polaroid 4 X 5 inch instant film as an alternative to 35 mm photomicrography in routine clinical cytogenetics. *Karyogram* 9:3-4.
25. Fineman R, Buyse M and Morgan M. 1983 Variable phenotype associated with duplication of different regions of 2p. *Am J Med Genet* 15:451-456.
26. Livingston G, Cannon L, Bishop DT, Johnson P and Fineman R. 1983 Sister chromatid exchange: Variation by age, smoking and breast cancer status. *Cancer Genet and Cytogenet* 9:289-299.
27. Jorde LB, Fineman R and Martin R. 1983 Epidemiology and genetics of neural tube defects: an application of the Utah Genealogical Data Base. *Am J Phys Anthro* 62:23-31.
28. Martin R, Fineman R and Jorde LB. 1983 Phenotypic heterogeneity in neural tube defects. *Am J Med Genet* 16:519-525.
29. Fineman R, Morgan M, Burt R and Gardner E. 1984 Failure to demonstrate a chromosome 2 deletion in adenomatous colorectal polyposis patients. *Cancer* 53:317-318.
30. Jorde LB, Fineman R and Martin R. 1984 Epidemiology of neural tube defects in Utah, 1940-1979. *Am J Epidemiol* 119:487-495.
31. Ash JF, Fineman R, Kalka T, Morgan M and Wire B. 1984 Amplification of sodium- and potassium-activated adenosinetriphosphatase in HeLa cells by ouabain step selection. *Cell Biol.* 99:971-983.
32. Kivlin J, Fineman R and Williams M. 1985 Phenotypic variation in the deletion of 12p syndrome. *Am J Med Genet* 22:769-779.
33. Kivlin JD, Crandall AS, Fineman R, and Olsen RJ. 1985 Peters' anomaly as a consequence of genetic and non-genetic syndrome. *Arch Ophthalmol* 104:61-64.
34. Pauw PG, Johnson MD, Moore P, Morgan M, Fineman R, Kalka T and Ash JF. 1986. Isolation and characterization of cell lines stably amplified for sodium- and potassium-activated adenosinetriphosphatase. *Molecul and Cellul Biol* 6:1164-1171.
35. Fineman R, Schoenwolf GC, Huff M, and Davis P. 1986 Causes of windowing - induced dysmorphogenesis in chicken embryos. *Am J Med Genet* 25:489-505.
36. Curry CJR, Carey JC, Holland JS, Chopra D, Fineman R, Golabi M, Sherman S, Pagon RA, Allanson J, Shulman S, Barr M, McGravey V, Dabiri C, Schimke N, Ives E, and Hall BD. 1987 Smith-Lemli-Opitz Syndrome - Type II: Multiple congenital anomalies with male pseudohermaphroditism and frequent early lethality. *Am J Med Genet* 26:45-57.
37. Fineman R, Schoenwolf GC. 1987 Dysmorphogenesis and death in a chicken embryo model. *Am J Med Genet* 27:543-552.
38. Stevens CA, Fineman R, Breg WR, Silken A. 1988 Report of two cases of distal deletion of the long arm of chromosome 6. *Am J Med Genet* 29:807-812.
39. Fineman R, Issa B, Weinblatt V. 1989 Prenatal diagnosis of a large heteromorphic region in a chromosome 5: implications for genetic counseling. *Am J Med Genet* 32:498-499.

40. Walton M, Fineman R, Walton P. 1993 Of monsters and prodigies: Interpretation of birth defects in the sixteenth century. *Am J Med Genet* 47:7-13.
41. Blackburn BL, Fineman R. 1994 Epidemiology of congenital hydrocephalus in Utah, 1940-1979: Report of an iatrogenically related epidemic. *Am J Med Genet* 52: 123-129.
42. Doyle DL, Sanderson M, Fineman R. 1995 Factors which affect the rate of newborn screening in Washington State. *Am J Med Genet* 59:417-420.
43. Walton M, Fineman R, Walton P. 1996 Why can't a woman be more like a man? A Renaissance perspective on the biological basis for female inferiority. *Women and Health* 24:87-95.
44. Walton MT, Fineman R., Walton P. 1999 Holy hermaphrodites and medical facts: the depiction of hermaphrodites in alchemy and medicine. *Cauda Pavonis* 18:32-36.
45. Fineman R, Bell TM, 1999 Assessment of two low-tech genetic health care procedures performed by prenatal care providers in Washington State: implications for future policy development. *Community Genetics* 2:61-68.
46. Fineman R, 1999 Qualifications of public health geneticists. *Community Genetics* 2:113-114.
47. Fineman R, Walton MT. 2000 Should genetic health care (GHC) providers attempt to influence reproductive outcome using directive counseling techniques: a public health perspective. *Women and Health* 30(3):39-47.
48. Clarren SK, Randels SP, Sanderson M, Fineman RM. 2001 Screening for fetal alcohol syndrome in primary schools: a feasibility study. *Teratology* 63:3-10.
49. Austin MA, Arnett D, Beaty T, Durfy S, Fineman R, Gettig E, Lochner-Doyle D, Peyser, P, Sorenson J, Thompson JD, Watts C. 2001 Opportunities for public health genetics trainees: results of an employer/workplace survey. *Community Genetics* 4:143-147.
50. Walton MT, Fineman RM. 2001 The prevention of infirm or monstrous births. *Quidditas* 22:71-78.
51. Walton MT, Fineman RM. in press Peter Severinus: From Humours to Chemistry in the Sixteenth Century. *Quidditas*

B. Chapters in Books/Letters/Technical Reports

1. Hellebrand W, Berman M, Fineman R, and Talner N. 1979 Mitral atresia. In: Birth Defects Atlas and Compendium of the March of Dimes Birth Defects Foundation, 2nd edition, Bergsma D (Ed), New York, Alan Liss, Inc. pp 716-717.
2. Breg WR, Fineman R, Johnson AM, and Kidd K. 1980 The current status of alpha-1 antitrypsin and other factors in Down syndrome. In: Trisomy 21 (Down syndrome): Research and Perspectives, Gerald P and de la Cruz F (Eds.), University Park Press, Baltimore.
3. Fineman R and Jorde L. 1980 Establishment of a birth defects registry with the aid of a genealogical data base: Utah Registry of Birth Defects and Genetic Diseases. Cairns J, Lyon JL and Skolnick M (Eds.) Cold Spring Harbor Laboratory Press, pp 319-331.

4. Seegmiller RE, Carey JC, and Fineman R. 1987 The hazards of drinking alcoholic beverages during pregnancy: should the public be warned? *Teratol* 35:479.
5. Fineman R, Meier G, Nye G, and Vetrano MA. 1987 The religious influences on the genetic counseling process: a round table discussion in Strategies in Genetic Counseling. March of Dimes Birth Defects Foundation, Birth Defects: Original Article Series, Vol. 23:154-161.
6. Fineman R, Neier S. 1992 Galactosemia: clinical diagnosis versus mass screening. *Northwest Bulletin* 6:3-4.
7. Fineman R and Glass MW. 1992-1997 annual editions of the Washington State Newborn Screening Bulletin, published by the Washington State Newborn Screening Program.
8. Fineman R, Glass M. 1994 Galactosemia - to screen or not to screen? Proceedings of the 10th National Newborn Screening Symposium, pages 89-92.
9. Washington State Needs Assessment Survey on Fetal Alcohol Syndrome/Effects 1994. Co-produced by the Office of Maternal/Infant Health and Genetics and James Bowman Associates.
10. Fineman R, Glass MW, Neier S. 1996 Increased rate of routine second newborn screen in Washington State. *Am J Med Genet* 66:361-362.
11. Washington State Genetics Education Plan. 1997 Contributor to a document prepared by the EvansGroup.
12. Genetic Health Care in Washington: Assessment of Services and Perceptions and Establishment of a Statewide Plan. 1997 Co-writer and contributor to a document prepared by the Genetic Services Section, Office of Maternal and Child Health, Washington State Department of Health.
13. Integrating Clinical Genetic Services Into Managed Care, co-editor of a monograph/document summarizing presentations at a meeting sponsored by CORN in Washington, D.C., April 1997 (see number 41 in the Invited Guest Lecturer/Consultant section, below).
14. Genetics & Your Practice, co-editor of first, second and third editions of a genetic health care curriculum aimed at primary care providers (1994, 1996, and 1998).
15. Fineman R, Francomano CA, Ribble JG. Accessing Genetics Resources. Article consultant. *Patient Care*, November 1998.
16. Fineman R. Using Genetic Screening in Your Practice. Article consultant, *Patient Care*, November 1998.
17. Genetics & Your Practice, co-editor (with Nancy White, Teina Phillips and Sheri Wood) of an interactive CD-ROM aimed at primary care providers, July 1999.
18. Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents. Contributor to the second edition, Morris Green and Judith Palfrey, editors. National Center for Education in Maternal and Child Health, May 2000.
19. Fineman R, Doyle DL. 2000 Public Health Needs Assessment for State-Based Genetic Services Delivery. In *Genetics and Public Health in the 21st Century* (eds: M Khoury, W Burke and E Thomson). Pages 261-272.
20. Pelias MK, Fineman RM. in press Ethical considerations in molecular diagnostics, in Handbook of Molecular Diagnostics; edited by Wayne W. Grody,

Robert M. Nakamura, Charles Strom, and David R. Hillyard; Elsevier/Academic Press.

C. Presentations/Abstracts

1. Fineman R. Characteristics of unfertilized eggs with a Y, and eggs with an X, sex chromosome. *Anat Rec* 160:349. Presented at the American Association of Anatomists' Meeting, New Orleans, April 1968.
2. Fineman R. Delay in fertilization after spawning in the killifish, *Oryzias latipes*. *Anat Rec* 163:186. Presented at the American Association of Anatomists' Meeting, Boston, April 1969.
3. Wilfert C, Idress Z, Fineman R, Kessler D, and Smith J. Pertussis syndrome and Echovirus (E6) infection in a family. *Pediatr Res* 8:156, 1974.
4. Fineman R, Johnson AM, and McMillan C. Factor VIII Chapel Hill: A variant of Factor VIII. *Pediatr Res* 9:321, 1975.
5. Fineman R, Ablow R, Howard R, and Breg WR. Phenotypic variation in the 3q trisomy syndrome. *Pediatr Res* 10:364. Presented at the APS-SPR Meeting, St. Louis, April 1976.
6. Fineman R, Johnson A, Kidd K, and Breg WR. An association of alpha-1 antitrypsin variants with Down syndrome and advanced maternal age. *Pediatr Res* 10:364. Presented at the APS-SPR Meeting, St. Louis, April 1976.
7. Fineman R, Johnson A, Kidd K, and Breg WR. Increased frequency of heterozygotes for alpha-1 antitrypsin (AAT) variants in patients with Down syndrome associated with advanced maternal age. *Excerpta Medica*, page 71. Presented at the V International Congress of Human Genetics, Mexico City, October 1976.
8. Fineman R, Ablow R, Breg WR, Wing S, Rose J, Rothman S, Herzlinger R, and Warpinski J. Complete and partial trisomy of different segments of chromosome B. *Am J Hum Genet* 30:81A. Presented at the American Society of Human Genetics Meeting, Vancouver, October 1978.
9. Jung, AL, Fineman R, and Watkins M. Karyotype-phenotype correlations in patients with chromosome 7q abnormalities. *Clin Res* 27:101A. Presented at the Western Society for Pediatric Research Meeting, Carmel, February 1979.
10. Carey J, O'Lague P, Laub J, Chance P, Fineman R, Hoskins H, and Hetherington J. Heterogeneity of the Reiger eye malformation. *Clin Res* 28:116A. Presented at the Western Society for Pediatric Research Meeting, Carmel, February 1980.
11. Fineman R, Walker M, and Wing SD: The inheritance of isolated spina bifida occulta as an autosomal dominant defect and as a possible cause of spina bifida cystica. Presented at the meeting of the International Society for Pediatric Neurosurgeons, Marseille, France, June 1980.
12. Skolnick M, Livingston G, Fineman R, Johnson P, King MC, McClellan T, Bishop DT: Genetics of breast cancer: Genealogical clusters, major genes, linkage, and sister chromatid exchange as a preclinical marker. Presented at the plenary session of the American Society of Human Genetics Meeting, New York City, September 1980.

13. Lundberg M, Jerominski L, Livingston G, Kochenour N, Lee T, and Fineman R. The noneffect of in vivo diagnostic ultrasound on sister chromatid exchange rate in amniotic fluid cells. Clin Res 28:99A, 1980.
14. Buysse M and Fineman R. Is there a chromosome 2p trisomy syndrome? Presented at the VI International Congress of Human Genetics, Jerusalem, Israel, September 1981.
15. Fineman R, Jorde L, Martin R, Hasstedt S, Wing S, and Walker MC. The inheritance of spinal dystrophia as an autosomal dominant defect in four families. Presented at the VI International Congress of Human Genetics, Jerusalem, Israel, September 1981.
16. Livingston G and Fineman R. Correlation of human lymphocyte SCE frequency with smoking history. Presented at the 13th Annual Meeting of the Environmental Mutagen Society, Boston, March 1982.
17. Jorde L, Fineman R and Martin R. Genealogical studies of neural tube defects. Presented at the 51st Annual Meeting of the American Association of Physical Anthropologists, Eugene, Oregon, April 1982.
18. Jorde L, Fineman R and Martin R. Genealogical studies of isolated hydrocephalus and neural tube defects (NTDs). Presented at the American Society of Human Genetics Meeting, Detroit, September 1982.
19. Martin R, Fineman R and Jorde L. Causal heterogeneity of neural tube defects (NTDs). Presented at the American Society of Human Genetics Meeting, Detroit, September 1982.
20. Ash JF, Fineman R, Morgan M, Moore P, Kalka T, and Wire B. Amplified expression of the Na,K-ATPase in HeLa cells. Presented at the ICN/UCLA Meeting on Transposable Genetic Elements, Steamboat Springs, Colorado, February 1984.
21. Fineman R, Matsumoto M, Schoenwolf GC and Crandall B. *In ovo* diagnosis of dystrophic neural tube defects (NTDs) in chick embryos. Presented at the Teratology Society Meeting, Calloway Gardens, Georgia, July 1985.
22. Fineman R, and Schoenwolf G. Early amnion deficit spectrum in chick embryos. Presented at the 6th Annual David W. Smith Morphogenesis and Malformation Workshop, Santa Fe, New Mexico, August 1985.
23. Fineman R, Schoenwolf GC, Huff M, and Davis PL. Mechanical stress and dehydration cause dysmorphogenesis (neural tube defects or NTDs, and an early amnion deficit spectrum or EADS) in windowed chicken eggs. Presented at the American Society of Human Genetics Meeting, Salt Lake City, October 1985.
24. Morgan M, Fineman R, and Bishop DT. "Artifactual" chromosome loss in amniotic and peripheral blood studies. Submitted for presentation at the American Society of Human Genetics Meeting, Salt Lake City, October 1985.
25. Fineman R and Schoenwolf GC. Further delineation of the causes of dysmorphogenesis and death in a chicken embryo model. Presented at the Teratology Society Meeting. Boston, July 1986.
26. Blackburn BL, Fineman R, Ward RH. Epidemiology of congenital hydrocephalus in Utah, 1940-1979: Report of pseudo-epidemic, 1966-1970. Presented at the VII International Congress of Human Genetics, West Berlin, November 1986.

27. Blackburn BL, Fineman R, Ward RH. Epidemiology of isolated congenital hydrocephalus (ICH) and neural tube defects (NTD) in Utah, 1940-1979: Possible effect of lifestyle factors on incidence. Presented at the American Society of Human Genetics Meeting, Philadelphia, November 1986.
28. Blackburn BL, Fineman R, Ward RH. Epidemiology of Down syndrome in Utah 1940-1979: Observation of substantial temporal fluctuations. Presented at the Teratology Society Meeting, Palm Springs, CA, June 1987.
29. Blackburn BL, Fineman R, Ward RH. Socio-demographic factors influence incidence of neural tube defects (NTD) and congenital hydrocephalus (CH) in Utah, 1940-1979. Presented at the American Society of Human Genetics Meeting, San Diego, October 1987.
30. Fineman R, Issa B, Weinblatt V. Prenatal diagnosis of a large heteromorphic region in a chromosome 5: implications for genetic counseling. Presented at the Teratology Society Meeting, Palm Beach, Florida, June 1988.
31. Fineman R. A five generation pedigree suggesting autosomal dominant inheritance in some cases of Erdheim cystic medial necrosis of the aorta. Presented at the American Society of Human Genetics Meeting, New Orleans, October 1988.
32. Carey JC, Hommell M, Fineman R, Hall BO. Hallucal polydactyly in infants of diabetic mothers: a clinical marker and possible clue to teratogenesis. Presented at the 1989 David W. Smith Workshop.
33. Henderson SL, Burch TD, Lamb RC, Fineman R. Chromosome abnormalities as a possible cause of reduced fertility in dairy heifers. Presented at the 85th Annual Meeting of the American Dairy Science Association, North Carolina State University, June 1990.
34. Fineman R, van Dyck K, Delavan GW, Nangle B and van Dyck PC. A clinical genetics component of a statewide early identification and tracking program. Presented at the American Society of Human Genetics Meeting, Cincinnati, October 1990.
35. Bentvelzen J, Sanderson M, Doyle DL, Fineman R. Factors which influence the rate of receiving a second newborn screening test in Washington State. Presented at the 12th Annual Meeting of the National Society of Genetic Counselors, Atlanta, October 1993.
36. Walton MT, Fineman R, Walton P. Why can't a woman be more like a man? A Renaissance perspective on the biological basis for female inferiority. Presented at the Rocky Mountain Medieval and Renaissance Society Meeting, Jackson Hole, Wyoming, May 1994.
37. Fineman R, Glass M. Galactosemia - To screen or not to screen? Presented at the 10th National Neonatal Screening Symposium, Seattle, June 1994.
38. Randels SP, Clarren SK, Hymbaugh K, Fineman R. FAS population-based surveillance at elementary school entrance: A pilot project. Presented at the Research Society of America Annual Scientific Meeting, Maui, Hawaii, June 1994; the Resource Link 3, a conference sponsored by CSAP National Resource Center for the Prevention of Perinatal Abuse of Alcohol and Other Drugs, Washington DC, July 1994; and the "Prenatal Exposure to Alcohol and Other Drugs: A Community Approach to Prevention--A Multicultural

- Perspective," sponsored by the Colorado Fetal Alcohol and Substance Abuse Coalition, Denver, September 1994.
39. Doyle DL, Sanderson M, Fineman R. Determining population prevalence of genetic conditions. Presented at the National Society of Genetic Counselors 13th Annual Education Conference, Montreal, October 1994.
 40. Doyle DL, Sanderson M, Fineman, R. Washington state genetic needs assessment: Telephone survey. Presented at the National Society of Genetic Counselors 13th Annual Education Conference, Montreal, October 1994.
 41. Randels SP, Clarren SK, Sanderson M, Gaudino J, Hymbaugh K, Fineman R, Population-based fetal alcohol syndrome (FAS) surveillance at elementary school entrance. Presented at the American Society of Human Genetics Meeting, Minneapolis, October 1995.
 42. Fineman R, Walton MT. Should genetic health (GHC) providers attempt to influence reproductive outcome using directive counseling techniques. Presented at the American Society of Human Genetics Meeting, Minneapolis, October 1995.
 43. Sanderson M, Doyle DL, Fineman R. Estimating the prevalence of genetic conditions using capture-recapture methodology. Annual Meeting of the American Public Health Association, San Diego, 1995.
 44. Walton MT, Walton PJ, Fineman RM. Private monopolies and public health: London medical guilds and civic authority in the 14th and 15th centuries. Presented at the Rocky Mountain Medieval and Renaissance Association Meeting, Park City, UT, May 1996.
 45. Fineman R, White NJ, Hudspeth KL, Doyle DL, Spice C, Bentvelzen-Smith J. The Washington (WA) State Genetic Education Project (GEP) for Primary Care Providers (PCPs). Presented at the American Society of Human Genetics Meeting, San Francisco, CA, October 1996.
 46. Doyle DL, Fineman R. Moving genetic services into managed care: a public health perspective. Presented at the American Society of Human Genetics Meeting, San Francisco, CA, October 1996.
 47. Walton MT, Fineman RM, Walton PJ. Holy hermaphrodites and medical facts: the depiction of hermaphrodites in alchemy and medicine. Presented at the 1997 Rocky Mountain Medieval and Renaissance Association Meeting, Banff, Alberta, Canada, May 1997.
 48. Fineman RM, Bell TM. Assessment of two, low-tech, genetic health care procedures performed by prenatal care providers in Washington State: Implications for future genetic health care policy development activities. Presented at the American Society of Human Genetics Meeting, Denver, October 1998.
 49. Kalben B, Fineman RM. Why men die younger: causes of mortality differences by gender. Presented at the Society of Actuaries Meeting, Atlanta, May 1999.
 50. White N, Cutler E, Bell W, Phillips T, Wood S, Fineman R. Cyber-collaboration: improving and replicating a genetic education program using on-line collaboration tools. Presented at the American Public Health Association Meeting, Chicago, November 1999.

51. Fineman RM, Bell TM. Assessment of two low-tech genetic health care procedures performed by prenatal care providers in Washington State. Presented at the Second National Conference on Genetics and Disease Prevention, Baltimore, December 1999.
52. Walton MT, Fineman RM. The Prevention of Infirm or Monstrous Births. Presented at the 32nd annual Rocky Mountain Medieval and Renaissance Association Meeting, Snowbird, Utah, May 2000.
53. Fineman RM, Higgins J, Robinson K, Cutler E. Online Genetics & Your Practice. Presented at the 11th World Congress of the International Association for the Scientific Study of Intellectual Disabilities (IASSID), Seattle, August 2000.
54. Eaglin M, Bell TM, Fineman RM. Assessment of knowledge about folic acid and the effects of alcohol consumption during pregnancy among Washington residents who had live births. Presented at the American Society of Human Genetics Meeting, Philadelphia, October 2000.
55. Eaglin MA, Bell TM, Fineman R. Assessment of knowledge regarding the prevention of alcohol-related birth defects and neural tube defects in postpartum women in Washington State. Presented at the National Birth Defects Prevention Meeting, San Antonio, January 2001; and the Society of Public Health Educators' (SOPHE) Meeting, Seattle, May 2001.
56. Fineman RM, Puryear M, Crain C, Kyler P, Massad J, Oles B, Roeber C, Tashima N. An individual and population-based framework for improving the public's health and wellbeing, with special emphasis on genetics and genetics-related issues. Presented at the American Society of Human Genetics Meeting, San Diego, October 2001.
57. Puryear M, Wolff M, Kyler P, Massad J, Mattison D, Fineman R. Working with communities to increase genetics literacy. Presented at the American Public Health Association Meeting, Atlanta, November 2001.
58. Creeden T, Durfy S, Fineman R. Genetics & Your Practice Online: An Educational Genetic Resource Project. Presented at the National Coalition for Health Professional Education in Genetics Meeting (NCHPEG), Bethesda, January 2002; American College of Medical Genetics Meeting, New Orleans, March 2002; American Society of Human Genetics Meeting, Baltimore, October 2002, the International Society of Nurses in Genetics Meeting, Baltimore, October 2002, the American Public Health Association Meeting, Philadelphia, November 2002, and the American College of Medical Genetics Meeting, San Diego, March 2003.
59. Fineman RM, Roeber CA, Oles BP, Massad, JPN, Crain CE, Tashima N. Consumer organizations working with individuals and families with genetically-related conditions: potential lessons for outreach and education. Presented at the American Society of Human Genetics Meeting, Baltimore, October 2002.
60. Durfy S, Creeden T, Izykowski B, Bendure B, Fineman R. Nurse practitioners' interest in and recommendations for online genetics continuing education (CE): a survey of Southern California (CA) nurse practitioners (NPs). Presented at the American Society of Human Genetics Meeting, Baltimore, October 2002.
61. Kenner C, Parker RS, Cummings S, Michela M, Fineman RM, Bashook P, Hurska L, Olsen SJ, Gallo A, Savage T, Knisley M. Family As Context For

- Clinical Genetics: a web based curriculum for health care providers. Presented at the 17th Annual ISONG International Conference, Toronto, October 2004.
62. Fineman RM, Chen, A. The Sino-American Genomics Foundation (SAG). Presented at the American Society of Human Genetics Meeting, Toronto, October 2004.
 63. Walton MT, Fineman RM. Peter Severinus (1540-1602) and the “transplantation of hereditary disease.” Presented at the American Society of Human Genetics Meeting, October, 2005, Salt Lake City, Utah.
 64. Kenner C, Parker RS, Fineman RM, Cummings S, Michela M, Bashook P, Olsen SJ, Gallo A, Savage T, Knisley M, Feetham S, Chang YT, Finkelman A. Lessons learned in developing a family focused web-based genetics curriculum for health care providers. Presented at the American Society of Human Genetics Meeting, October 2005, Salt Lake City, Utah.
 65. Fineman RM, Walton MT. Heredity: From Ancient and Medieval Humors to Chemistry, Peter Severinus and the “Transplantation of Hereditary Disease.” Presented at the Rocky Mountain Medieval and Renaissance Association Meeting, June 2006, Rexburg, Idaho.
 66. Walton MT, Fineman RM. Sex and Matter: Alchemical Images and Transmutational Truth in the *Splendor Solis*, Presented at a joint meeting of the Arizona Conference for Medieval and Renaissance Studies (ACMRS) and the Rocky Mountain Medieval and Renaissance Association (RMMRA) in Phoenix, Arizona, February 2007.

INVITED GUEST LECTURER AND/OR CONSULTANT

1. Invited guest speaker at the National Cancer Institute, Washington, D.C. Establishment of a birth defects registry linked to a genealogical database. May 1979.
2. Invited guest speaker at the Cold Spring Harbor Laboratory (NY). Establishment of a birth defects registry linked to a genealogical database. October 1979.
3. Consultant and lecturer for the Department of Sc. Humaines, Universite du Quebec a Chicoutimi, September 1980.
4. Consultant and lecturer for the Department of Zoology and Entomology and the Genetics Institute, Colorado State University, April 1981.
5. Invited guest speaker at the Sunstone Theological Symposium (Medicine and Religion/Ethics), University of Utah, August 1981.
6. Invited guest speaker at the American Society of Human Genetics Meeting (participant in a symposium on factors which influence mitosis), Dallas, October 1981.
7. Consultant and lecturer for the Department of Medical Genetics, Indiana University School of Medicine and the Department of Biology, Notre Dame University, October 1981.
8. Invited guest speaker at a March of Dimes, Western United States fund raising event, San Jose, California, October 1983.
9. Invited guest speaker, Northeast Oklahoma Pediatric Society meeting, Tulsa, (re: neural tube defects), November 1983.

10. Invited guest speaker, Department of Pediatrics, University of Florida, Gainesville, (re: neural tube defects), August 1984.
11. Moderator and speaker at a neural tube defect symposium, American Society of Human Genetics Meeting, Toronto, Canada, October 1984.
12. Invited guest speaker at the ninth annual conference on cardiovascular health (medical ethics), Salt Lake City, June 1985.
13. Invited guest speaker at a conference on Down syndrome, Utah State University, Logan, July 1985.
14. Invited guest speaker at the National Genetic Counselor Society Meeting (medical ethics), Salt Lake City, October 1985.
15. Invited guest participant; Regional Database Committee Chairpersons, Genetic Disease Branch, Office of Maternal and Child Health, HHS, Washington, D.C., December 1985.
16. Chairperson and consultant representing the Mountain States Regional Genetic Services Network (Utah, Colorado, Arizona, New Mexico, Wyoming, Montana), Database Committee Meetings; Denver, March 1986; Berkeley, December 1986; March 1987; Saddle Brook, August 1988; Washington, D.C., July 1989.
17. Representative of the Mountain States Regional Genetic Services Network at meetings of the Council of Regional Networks (CORN) for Genetic Services, Washington, D.C., May and October, 1986; January, April, and October, 1987; Seattle, January 1988; Baltimore, May 1988; Houston, October 1988; Kansas City, March 1989.
18. Consultant to the Colorado Health Department for setting up a birth defects registry for the State of Colorado, January 1987.
19. Invited guest participant at a meeting concerning future activities related to state-based adverse reproductive outcome surveillance programs. Centers for Disease Control, Atlanta, May 1987.
20. Consultant to the Genetics Branch, Division of Environmental Health Laboratory Sciences (Dr. Andrew T.L. Chen, Chief), at the Centers for Disease Control, Atlanta, December 1987.
21. Invited guest participant, Regional Database Committee Chairpersons, Council of Regional Networks, Berkeley, November 1990.
22. Invited guest participant, Regional Finance Committee Chairpersons, Council of Regional Networks, Houston, February 1993 and 1994.
23. Invited guest speaker at the Middle Atlantic Regional Genetics Network Meeting, Philadelphia, August 1993.
24. Invited guest speaker at the Caribbean Conference on Clinical Genetics, San Juan, Puerto Rico, August 1993.
25. Invited guest participant as the regional representative and consultant representing the Pacific Northwest Regional Genetics Group at the Council of Regional Networks Regional Data Committee Chairperson's Meeting, Houston, September 1993.
26. Invited guest speaker at the First Annual American College of Medical Genetics Meeting, Kissimmee, March 1994.

27. Invited guest participant (as Chair of the Quality Assurance Subcommittee) at the Annual Council of Regional Networks for Genetic Services Meeting, Washington DC, April 1994.
28. Grant reviewer, Genetic Disease Branch, Maternal and Child Health Bureau, HHS, Washington DC, April 1994.
29. Invited guest speaker at an FAS Prevention Workshop sponsored by the CDC, Detroit, November 1994.
30. Invited guest speaker at the Middle Atlanta Regional Genetic Network Meeting, Philadelphia, September 1995.
31. Invited guest speaker at a conference entitled, Genetic Services: Developing guidelines for the Public's Health, sponsored by the Council of Regional Networks (CORN) for Genetic Services, Washington, DC, February 1996.
32. Invited guest speaker at a "Primary Care Provider Genetics Education Workshop," sponsored by the Council of Regional Networks (CORN) for Genetic Services, Bethesda, March 1996.
33. Invited guest speaker at a clinical genetics conference sponsored by the Department of Biology, University of Notre Dame, South Bend, May 1996.
34. Invited guest speaker at an FAS Prevention Workshop sponsored by the CDC, Seattle, September 1996.
35. Consultant to Region IX, Maternal and Child Health Bureau, HHS, for the review of Title V Block Grants for California, Hawaii, Nevada and Arizona, San Francisco, September 1996.
36. Invited guest participant (as Chair of the Finance Subcommittee) at the Council of Regional Networks for Genetic Services Steering Committee Meeting, Atlanta, October 1996.
37. Invited guest participant at a workshop entitled, Genetics is a Family Matter, at the Joint Conference on Health sponsored by the Washington Public Health Association, Tacoma, October 1996.
38. Invited guest participant at a workshop entitled, Ethical Aspects of Societal Decision-making: Fetal Risks and Rights? at the annual meeting of the American Association for the Advancement of Science, Seattle, February 1997.
39. Invited guest participant in a workshop entitled, Genetic Education for Primary Care Providers, at the Fourth Joint Clinical Genetics meeting (March of Dimes and American College of Medical Genetics), Ft. Lauderdale, February 1997.
40. Invited guest participant at a workshop entitled, Genetics is a Family Matter, at a National Association of Social Workers' Meeting, Coeur d'Alene, Idaho, April 1997.
41. Invited guest speaker at a workshop entitled, Medical Genetics and Managed Care, sponsored by the Council of Regional Networks (CORN) for Genetic Services, Washington DC, April 1997.
42. Invited guest participant at a workshop entitled, Medical Genetics Education in Primary Care Resident Training, sponsored by the Bureau of Health Professions and the Maternal and Child Health Bureau of HRSA, HHS, Bethesda, May 1997.
43. Grant reviewer, Genetic Services Branch, Maternal and Child Health Bureau, HRSA, HHS, Rockville, MD, June 1997.

44. Invited guest participant at a symposium entitled, Humans and the Human Genome Project: What Do Physicians Need to Know?, sponsored by the American Medical Association and the National Center for Genome Resources, Santa Fe, July 1997.
45. Consultant to Region IX, Maternal and Child Health Bureau, HHS, for review of Title V Block Grants for California, Hawaii, Nevada and Arizona; San Francisco, August 1997.
46. Invited guest participant at a workshop entitled, Newborn Screening Clinical Guidelines, sponsored by the Council of Regional Networks (CORN) for Genetic Services, Renesselaerville, NY, September 1997.
47. Moderator and speaker at an Institute on Public Health Genetics, American Public Health Association Meeting, Indianapolis, October 1997.
48. Invited guest speaker at a workshop entitled, Children with Special Health Care Needs in an Era of Managed Care, sponsored by HRSA, HHS, Seattle, November 1997.
49. Invited guest participant at a meeting to create guidelines for educating primary care physicians about clinical genetics, sponsored by the National Center for Genome Resources, Santa Fe, January 1998.
50. Moderator and speaker at a workshop entitled, Preventive Genetic Services in an Era of Managed Care: A Public Health Perspective, sponsored by the Association for Maternal and Child Health Programs (AMCHP), Washington, D.C., March 1998.
51. Invited guest participant at the American Medical Association (AMA) national conference entitled, Genetic Medicine and the Practicing Physician, New Orleans, March 1998.
52. Invited guest participant at a national conference entitled, Genetic Link: Establishing a Dialogue Between Ethically Diverse Communities and Genetic Policy Makers, sponsored by the Genetic Services Branch, MCHB, HRSA, HHS, College Park, Maryland, March 1998.
53. Invited participant (as chair of the Finance Committee) at the CORN Annual Finance Committee Meeting, Houston, April 1998.
54. Invited guest speaker at a workshop entitled, Translating Advances in Human Genetics into Disease Prevention and Health Promotion, CDC, Atlanta, May 1998.
55. Invited guest participant/consultant to create a high school education (teaching) module on genetic variation and testing, BCSC (Biological Sciences Curriculum Study), Colorado Springs, June 1998.
56. Coordinator/organizer of a meeting to create and implement a national genetics public awareness campaign, Bethesda, MD, August 1998; Arlington, VA, December 1998 and June 1999.
57. Invited guest speaker for a presentation entitled, Genetics & Your Practice, at a March of Dimes Birth Defects Foundation annual dinner, Pasco, Washington, November 1998.
58. Moderator and speaker at a workshop entitled, Reimbursement for Physician Services in Genetics, sponsored by the CORN Finance Committee, Washington, D.C., March 1999.

59. Roundtable speaker for a presentation entitled, Public Health Genetics Statewide Needs Assessment and Planning, Association of Maternal and Child Health Programs annual meeting, Washington, D.C., March 1999.
60. Invited guest participant to introduce an interactive, CD-ROM version of Genetics & Your Practice, at the March of Dimes/American College of Medical Genetics annual meeting, Miami, March 1999.
61. Consultant to the George Washington University Department of Environmental and Occupational Health, and a member of their Advisory Panel on Susceptible Populations, Washington D.C., April 1999.
62. Invited guest participant/speaker at a meeting entitled, Genetic Medicine: Applications for the Practicing Physician, sponsored by the Colorado Springs Osteopathic Foundation and Family Medical Center, Colorado Springs, April 1999.
63. Invited guest participant/speaker at a meeting entitled, Dialogue on Genetics for Asians and Pacific Islanders, sponsored by the Pacific Southwest Regional Genetics Network and the Genetic Services Branch, MCHB, HRSA, DHHS, Seattle, May 1999.
64. Grant reviewer, Genetic Services Branch, Maternal and Child Health Bureau, HRSA, HHS, Rockville, MD, June 1999.
65. Invited guest speaker regarding public health genetics (genetic education for primary care providers, prenatal screening, and newborn screening), Qufu, Shandong Province, PRC, June 1999.
66. Invited guest participant at a meeting sponsored by MCHB, HRSA, HHS, and the March of Dimes Birth Defects Foundation, to develop a companion document for Healthy People 2010 (HP 2010) aimed at children with special health care needs, Washington DC, July 1999.
67. Invited guest participant at a meeting sponsored by the National Human Genome Research Institute, NIH, to discuss uses of the Internet to educate health care professionals and the public about genetic medicine. Bethesda, August 1999.
68. Invited guest participant/speaker at a meeting entitled, Genetics, Health Care and the Law, sponsored by the Washington State Supreme Court and the Office of the State Insurance Commissioner, Olympia, Washington, October 1999.
69. Invited guest participant/moderator/speaker at a meeting entitled, Incorporating Genetic Medicine and Technology into Practice and Service, sponsored by the Genetics Services Branch, MCHB, HRSA, HHS, Washington D.C., November 1999.
70. Invited guest participant at a planning committee meeting of the National Newborn Screening and Genetic Resource Center, Rockville, MD, January 2000; June 2001.
71. Invited guest participant (representing the March of Dimes) at a meeting of the National Coalition for Health Professional Education in Genetics (NCHPEG), Bethesda, February 2000.
72. Invited guest speaker at the American Occupational Therapy Association (AOTA) annual meeting to discuss basic genetics and genetic counseling; with special emphasis on breast cancer, Seattle, April 2000.

73. Grant reviewer, Genetic Services Branch, Maternal and Child Health Bureau, HRSA, HHS, Rockville, April 2000.
74. Co-coordinator and speaker at the Sino-American Year 2000 Genetics Meeting at Hunan Medical University, Changsha, China, June 2000.
75. Invited guest participant/senior medical consultant for the creation of a national consumer network for genetic resources and information, sponsored by HRSA and the March of Dimes, Washington, D.C., July 2000.
76. Invited guest speaker at the 11th annual IASSID (International Association for the Study of Intellectual Disabilities) Meeting, Seattle, August 2000.
77. Invited guest speaker at the annual meeting of the Pacific Southwest Regional Genetic Group, San Diego, August 2000.
78. Consultant to the CDC at a Genetic Competencies in Public Health Meeting, Atlanta, August 2000.
79. Invited guest participant at the 3rd National Conference on Genetics and Disease Prevention, Ann Arbor, Michigan, September 2000.
80. Invited guest speaker at the annual Conference in Health Care, held at the Idaho State University, Pocatello, Idaho, October 2000.
81. Invited guest speaker at the annual Benton-Franklin County Medical Society Meeting, Pasco, Washington, March 2001.
82. Grant reviewer, Genetic Services Branch, Maternal and Child Health Bureau, HHS, Rockville, April 2001.
83. Invited guest participant at a meeting held at the March of Dimes national office in White Plains, N.Y., to plan a Fall 2002 public health genetics meeting in Beijing, PRC, May 2001.
84. Invited guest participant (as a member of the Advisory Committee) at a meeting of the National Newborn Screening and Genetic Resource Center, San Antonio, June 2001.
85. Keynote speaker, Genomics 101: What the Practicing Physician Needs to Know about the Genetics Revolution (a symposium sponsored by the Cambridge Healthtech Institute), Chicago, June 2001.
86. Invited guest participant at a roundtable discussion regarding fetal alcohol syndrome (FAS) at a Western Maternal and Child Health (MCH) Epidemiology Conference, Portland, Oregon, June 2001.
87. Invited guest participant at a workshop entitled, Defining Susceptibility for Microbial Risk Assessment: A Dialogue, sponsored by the Center for Risk Science and Public Health, George Washington University Medical Center, Washington, D.C., June 2001.
88. Invited guest speaker at the Washington State and County Public Health Officials quarterly meeting, Wenatchee, Washington, July 2001.
89. Invited guest speaker at the Promise of Science Health Leadership Briefing sponsored by the Greater Chicago Division of the March of Dimes and Advocate Health Care, Chicago, August 2001.
90. Invited guest speaker at Grand Rounds at Advocate Lutheran General Hospital (Park Lawn, Illinois) and at Advocate Christ Medical Center (Oak Lawn, Illinois), August 2001.

91. Invited guest participant at two meetings co-sponsored by the March of Dimes, CDC, Golden Bridge International, Inc., and the China Preventive Medical Association to finalize plans for a public health genetics meeting (to be held in Beijing in the Fall of 2002), Beijing, PRC, September 2001 and May 2002.
92. Invited guest lecturer and consultant in public health genetics, Shanghai City Department of Public Health, PRC, July 2002.
93. Co-coordinator and speaker at the Maternal and Child Health Genetics in China in the 21st Century Meeting, Beijing, PRC, October 2002.
94. Invited guest speaker at the 28th Annual March of Dimes Perinatal Conference, Chicago, February 2003.
95. Invited guest consultant to the Ministry of Health, PRC; the municipal departments of health of Beijing, Shanghai, and Shenyang; and the provincial departments of health of Hunan, Shandong and Zhejiang provinces; March and April, 2003.
96. Facilitator and invited guest participant at a meeting entitled, SPRANS Grants & Ethno-Cultural Genetics Education, sponsored by the Genetics Services Section, MCHB, HRSA and the March of Dimes, Rockville, MD, October 2003.
97. Participant at a meeting of the March of Dimes' Western Regional Program Services Committee, Dallas, February 2004.
98. Grant reviewer, Genetic Services Branch, Maternal and Child Health Bureau, HRSA, HHS, Rockville, March 2004.
99. Grant reviewer, Genetic Services Branch, Maternal and Child Health Bureau, HRSA, HHS, Rockville, MD, March 2007.
00. Site visitor to the Region IV (Great Lakes) Regional Genetic Cooperative, East Lansing, Michigan, to evaluate the goals, objectives, and required activities of the regional genetic service and newborn screening collaboratives supported by the Genetics Services Branch, Maternal and Child Health Bureau, Health Resources and Services Administration; September 2007.
01. Site visitor to the Region V (Heartland) Regional Genetic Cooperative, Oklahoma City, to evaluate the goals, objectives, and required activities of the regional genetic service and newborn screening collaboratives supported by the Genetics Services Branch, Maternal and Child Health Bureau, Health Resources and Services Administration; October 2007.
02. Site visitor to the Region VI (Southeast) Regional Genetic Cooperative, Atlanta, to evaluate the goals, objectives, and required activities of the regional genetic service and newborn screening collaboratives supported by the Genetics Services Branch, Maternal and Child Health Bureau, Health Resources and Services Administration; November 2007.