

Date Updated: April 2009

CURRICULUM VITAE
Genetics and Disabilities Diagnostic Care Center

NAME: Lawrence G. Leichtman

OFFICE ADDRESS:

1716 Colson Ct.

Virginia Beach, Virginia 23454-

PHONE: (757) 425-1969

PREFERRED MAILING ADDRESS (CHECK ONE) OFFICE HOME

DATE AND PLACE OF BIRTH: July 30, 1947; Bronx, New York

MILITARY SERVICE:

Army Basic Training Fort Hood, Texas, 1969

Army Medical Corps Basic Training Fort Sam Houston, Texas, 1969

Army Combat Jump School, Fort Benning, Georgia, 1969

OCS Fort Bragg, North Carolina, 1971

Commissioned 2nd Lieutenant U.S. Army, active, 1971

Commissioned Captain U.S. Army Reserve Medical Corps, 1981

Served Joint Command for Military Services Desert Shield and Desert Storm, Norfolk, VA

Discharged Honorable December 1992

ETHNIC/RACIAL SELF-IDENTIFICATION (CHECK ONE)

1. American Indian or Alaskan Native
2. Asian or Pacific Islander
3. Black, not of Hispanic Origin
4. Mexican American or Chicano (Hispanic)
5. Puerto Rican (Hispanic)
6. Other Hispanic
7. White, not of Hispanic Origin
8. do not wish to respond

	SCHOOL/HOSPITAL	DATES	DEGREE	FIELD
UNDERGRADUATE DEGREE	University of Texas	1965-69	BA	
GRADUATE DEGREE	University of Texas	1969-71	MA	Psychology
	Texas Tech University			
	School of Medicine	1972-76	M.D.	
INTERNSHIP	Tulsa Medical College			
	University of Oklahoma, Tulsa	1976-77		
RESIDENCY	Tulsa Medical College			
	University of Oklahoma, Tulsa	1977-79		
FELLOWSHIP/OTHER	Tulsa Medical College-Clinical			
POSTDOCTORAL TRAINING	Genetics - University of Oklahoma, Tulsa	1979-81		

HOSPITAL STAFF MEMBERSHIPS:

Staff, Children's Medical Center, Tulsa, OK 1980-88

Page 2

Curriculum Vitae

Staff, St. John's Medical Center, Tulsa, OK 1979-1988

Staff, St. Francis Hospital, Tulsa, OK 1979-1988

Staff, Hillcrest Medical Center, Tulsa, OK 1979-1988

Staff, Children's Hospital of the King's Daughters, 1988-2004

Staff, Norfolk General Hospital 1988-2004

Staff, Bayside Hospital 1990-1997

Staff, Leigh Memorial Hospital 1990-1997

Staff, DePaul Hospital 1988-1997

Consultant, Riverside Hospital 1988-1997

Consultant, Bayside Hospital 1988-1999

Courtesy staff, Virginia Beach General, 1988-2004

Consultant, Portsmouth Naval Hospital 1988-2004

LICENSURE (NUMBER/STATE/YEAR): #0101042384 VIRGINIA 1988

COMPLETED REQUIREMENTS FOR BOARD CERTIFICATION:

SPECIALTY: Boards **YEAR:** 1980

SPECIALTY: Sub-Specialty Boards **YEAR:** 1987

BOARD CERTIFICATION:

SPECIALTY: Pediatrics **YEAR:** 1980

SPECIALTY: Clinical Genetics **YEAR:** 1987

ACADEMIC POSITIONS (MOST CURRENT FIRST):

RANK	INSTITUTION	YEARS
Associate Professor	Eastern Virginia Medical School	1988-1997
Assistant Professor	University of Oklahoma	1978-88

PROFESSIONAL/HOSPITAL POSITIONS (MOST CURRENT FIRST):

Lawrence G. Leichtman, MD Tulsa, Oklahoma 1981-1983

Medical Care Associates of Tulsa Tulsa, Oklahoma 1983-1988

Pediatric Faculty Associates Norfolk, VA 1988-1997

Participant in Ceridase/Gaucher's Treatment Protocol

National Health Professional Advisory Committee, Work Group March of Dimes, White Plains, NY 1/23 to 1/25, 1994.

Operation Smile, Research Board 1993-current

Board Member, Tidewater Perinatal Task Force, Perinatal Substance Abuse Subcommittee

Admissions Committee, Eastern Virginia Medical School 1992-1997

Reviewer, 1992 Grants Alzheimer's and Related Disease Research Award Fund

Board of Directors Member, Action for Prevention through 1994

Reviewer, Journal of Pediatrics

Reviewer, American Journal of Medical Genetics, John Opitz, MD, Editor, 1990-Present

Committee member, Genetic Services Committee, American Society of Human Genetics, 1990-1993

Health Professional Advisory Committee, March of Dimes, Virginia State Division-current 1993-1994

Health Professional Advisory Committee, March of Dimes, Tidewater Region-current Chairman 1991-1993

Health Professional Advisory Committee, March of Dimes, Tidewater Region-current Vice-President 1990-1991

Director, Division of Genetics, Department of Pediatrics, Eastern Virginia Medical School 1988-February -November 1996

Associate Professor, Eastern Virginia Medical School 1988-1996

State of Oklahoma, Satellite Genetics Clinics

Medical Advisory Board, National Mucopolysaccharidosis Association

Medical Advisory Committee, Tulsa Lamaze Association

Curriculum Vitae

Medical Advisory Committee, Planned Parenthood

Task Force on Bioethics, Planned Parenthood 1986

Council of Regional Genetics Networks, Reimbursement Task Force, Baltimore, Maryland 1986

Chairman, 3rd Party Payment Committee, Great Plains Clinical Genetics Network 1985-1988

Secretary, Pediatric Staff, St. Francis Hospital, Pediatric Department 1984

Fellow, Clinical Genetics, Children's Medical Center, July 1979-June 1981

Private Practice of Clinical Genetics 1997-current including National and International Genetics and Down syndrome clinics

Private practice Pediatrics and Developmental Medicine 1997--current

TEACHING EXPERIENCE (BRIEFLY DESCRIBE COURSES TAUGHT, PROFESSIONAL LEVEL OF STUDENTS AND PERIODS OF TIME INVOLVED IN SUCH TEACHING):

1988-1997 4th Year Medical Students 10 per year
1989-1997 3rd Year Pediatric Residents 3 per year
1989-1997 3rd Year Pediatric Resident staff 5/year
1992-1997 Core Course in Human Genetics, 20 hours per year 1st year EVMS students
1993-1997 8 contact hours per week 1st and 3rd year medical students through Genetics' Clinic and Craniofacial Clinic
1993 Core Genetics' Education 1st year Medical Students EVMS, Teratology, Dysmorphology, Biochemical Genetics
1994 Core Genetics, Teratology, Dysmorphology, Biochemical Genetics, and Gene Therapy
1994-1997 Core Genetics' Instruction, Department of Surgery (8/25/95)
1994-1997 Lecturer in Bioethics of Genetics for Bioethics Course
1995- 1997 Neurogenetics for Neurology Residents (last lectures 8/29/95-9/5/95)
1995- 1997 Lectures in Dysmorphology and Teratology Department of Pathology Riverside Hospital

LECTURES AND PRESENTATIONS

1988-1997 Course Lecturer: Medical Genetics, Eastern Virginia Medical School
1988-1997 Course Lecturer: Medical Genetics, Riverside Hospital, OB/GYN Resident training program
1988-1997 Co Director of Monthly Genetics' lectures, OB/GYN/Peds, CHKD
1989 Presentation: David Smith Meeting, Madrid, Spain, "Ectodermal Dysplasia Cutis Aplasia, and Facial Dysmorphism in Mother and Daughter. A recognizable Autosomal Dominant Syndrome."
1989 Course Director: "Train the Trainer" Program in Genetics for State Health Department Nurses
1989 Dysmorphology Grand Rounds, Portsmouth Naval Hospital Pediatrics
1989 Grand Rounds, CHKD, The discovery of the Cystic Fibrosis Gene
1990 Meeting Director: "The New Genetics, Biotechnology and Bioethics"
1990 Presentation: Eastern Virginia Annual Family Practice Update, Hemoglobinopathy Screening
1990 Presentation: David Smith Dysmorphology Meeting, Lexington, KY, "Hemifacial Microsomia and DiGeorge Anomaly: How common is it?"
1990 Genetics in Surgical Practice, Sentara Norfolk General Hospital
1990 Grand Rounds Pediatrics, Riverside Hospital, Molecular Genetics in General Pediatrics
1991 Presentation: Virginia State Academy of Pediatrics, "Molecular Genetics in Pediatric Diagnosis and Therapy"
1991 Presentation: Anophthalmia, cleft lip/palate and CNS anomalies: A new syndrome? March of Dimes Birth Defects Meeting, Vancouver,
1991 Presentation: "Is Type A-I Diabetes Mellitus in pregnancy a teratogen?" David Smith Dysmorphology Meeting, San Bernardino, CA
1992 Invited Presentation: Gene Therapy in Pediatrics. Children's Health Systems and Peninsula Pediatric Society. Newport News, VA
1992 Invited Presentation: The Genetics of Muscular Dystrophy. "Neurologically Impaired Individuals Symposium", Richmond, VA

Curriculum Vitae

- 1992 Genetics in the 21st Century: Eastern Shore Health Association; Nassawadox, VA: Sponsored by March of Dimes
- 1993 The Genetics of Down Syndrome: Update, Tidewater Down Syndrome Support Group
- 1993 Progeria Syndromes: Tidewater Medical Transcriptionist Association
- 1993 Basic Genetics for Surgeons. Eastern Virginia Medical School, Department of Surgery

LECTURES AND PRESENTATIONS (continued)

- 1993 Defects in Beta-oxidation of Fatty Acids: Virginia State Genetics Association
- 1993 Babies and You Genetics, Nags Head, NC: Sponsored by March of Dimes
- 1993 Genetics: The Basics for Health Care Providers: Resource Mothers of Tidewater
- 1993 "Are Cardio-Facio-Cutaneous Syndrome and Noonan Syndrome distinct: A case of a CFC offspring of a mother with Noonan Syndrome." David Smith Dysmorphology Society, Mont Tremblant, Quebec, Canada
- 1993 Neurofibromatosis Clinical Presentation. Eastern Regional Neurofibromatosis Conference, Norfolk, VA
- 1993 Genetics and Prenatal Care, March of Dimes
- 1993 Cardio-Facio-Cutaneous Syndrome an Evolving History, Virginia State Genetics' Meeting
- 1993 Genetics in the Public Interest, State of Virginia Conference for Public Health Nurses
- 1993 Perinatal Clinical Genetics, Tidewater Perinatal Nurses Association
- 1994 Genetics in Perinatal Medicine, Tidewater Perinatal Nurse's Association
- 1994 Genetics in Perinatal Medicine, DePaul Hospital Perinatal Nurses
- 1994 Genetics in Craniofacial Medicine, Hofheimer Hall
- 1994 Genetics for Plastic Surgeons, Operation Smile International Meeting, Sentara Norfolk General, Brickhouse Auditorium.
- 1994 Overgrowth Syndrome: A new entity and report of cases. David Smith Dysmorphology Meeting. Tampa, Florida. August, 1994
- 1995 Use of Piracetam in Down Syndrome. Is it a practical consideration? Tidewater Down Syndrome Support Group January 1995
- 1995 Babies and You Human Genetics for March of Dimes USAA, Canon Corporation Jan 1995
- 1995 Dysmorphology in Perinatal Medicine. Neonatal/Perinatal Nurses Association of Tidewater 2 lectures one at DePaul Hospital and one at Virginia Beach Graduate Center March and April 1995
- 1995 Bioethics in Molecular Genetics and Gene Therapy Joint meeting Virginia Perinatal Association and March of Dimes. October 5, 1995 Ft. Magruder Inn Williamsburg, VA
- 1995 The Role of Clinical Genetics in Pediatrics. Sentara Bayside Medical Staff Nov. 2. 1995
- 1996 Curbside Consultations Coordinator clinical Genetics Consultant to other clinical geneticists at March of Dimes Birth Defects and American College of Medical Genetics Meeting San Antonio, TX 3/11/96
- 1996 Biomedical Ethics in Genetics to SPARKS Gifted High School Association Virginia Beach Public Schools 50 students February
- 1996 Lecture in Genetics in Labor and Delivery for Portsmouth General Nursing Staff 20 staff February
- 1996 Genetics in Craniofacial Medicine Operation Smile Participant Training 40 Doctors May
- 1996 New Advances in Human Genetics Grand Rounds Virginia Beach General Hospital 50 Doctors May
- 1996 Targeted Nutritional Intervention in Down Syndrome. Tidewater Down syndrome Support Group 75 parents August
- 1996 A new syndrome of skeletal dysplasia with Robin sequence, radioulnar synostosis, flexion contractures and talipes equinovarus. Presented 10/1/96 David Smith Dysmorphology Meeting Lake Arrowhead, CA 125 participants physicians
- 1996 The Role of Dysmorphology and Genetics in the Craniofacial.. The Team Approach to Cleft and Craniofacial Anomalies: Recommended Parameters of Care. Williamsburg, VA 10/4/96 100 participants
- 1996 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Windsor, Ontario 120 participants 10 physicians, 10 nurses. October Sponsored by Ontario Down syndrome support group
- 1996 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. South Bend Indiana, 300 participants 20 physicians, 35 nurses, 20 educators. October Sponsored by Indiana and Western Michigan Down syndrome support groups

Curriculum Vitae

- 1996 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(4), physical therapists(4) and physicians(7). Farmington New Mexico November 11
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(8), physical therapists(6), speech therapists(3), teachers(6), occupational therapists(5), physicians (7). St Louis MO March 14
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(2), PT(2), speech therapists(3), physicians(6). May 11 Cherry Hill, NJ
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(3), PT(6), speech therapists(1), physicians(5). May 12 Hazelton, PA
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(2), PT(3), speech therapists(2), physicians(2). May 18 Stockton, CA
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(8), PT(5), speech therapists (7), physicians(5) August 8, Scranton, PA
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(6), PT(15), speech therapists (5), physicians(20) September 29, Syracuse, NY
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 18 month study. Parents, nurses(8), PT(5), speech therapists (7), physicians(5) September 15, Scranton, PA
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 36 month study. Parents, nurses(20), PT(10), speech therapists (10), physicians(20) October 5, Syracuse, NY
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 36 month study. Parents, nurses(30), PT(5), speech therapists (10), physicians(40) November 10-11, London, England
- 1997 Targeted Nutritional Intervention in Down Syndrome. Report of an 36 month study. Parents, nurses(6), PT(15), speech therapists (10), physicians(5) December 5, South Bend, IN
- 1997 ODU Chance Program The role of genetics in the management of adults with developmental disabilities. 2 Lectures November and December, Department of Education
- 1998 ODU TOPS Program, The role of genetics in the management of adults with developmental disabilities. Department of education
- 1999 Targeted Nutritional Intervention in Down Syndrome. Management Issues. Richmond Down Syndrome support group May 1998
- 1998 Targeted Nutritional Intervention in Down Syndrome. The science and results of 2 year study. Down syndrome support group of Southern New Jersey, June 1998
- 1998 Targeted Nutritional Intervention in Down syndrome. The result s of a 2 year study The National Down syndrome Congress, Dallas TX August 1998
- 1998 Bioethics in Genetic Medicine. Rothermel Foundation New Bern, NC November 1, 1998
- 1999 Targeted Nutritional Intervention in Down Syndrome Orange County Down Syndrome Support Group, Los Angeles, CA
- 1999 Alternative Treatments in Down syndrome. Down syndrome Workshop American College of Medical Genetics. March, Miami, FL
- 1999 Targeted Nutritional Intervention in Down syndrome, a Pilot Study. University of Arkansas Medical School, Department of Pediatric Research, March, Little Rock
- 1999 Targeted Nutritional Intervention in Down Syndrome, Houston Down syndrome Association November
- 2000 New Developments in Genetics and their application to medical practice. Southern Regional Down Syndrome Association, Atlanta GA February
- 2000 Alternative treatments in Down syndrome, Southern Regional Down Syndrome Association
- 2000 Bioethics in Human Genetics in General Practice Sentara VB General Family Practice Rounds
- 2000 Targeted Nutritional Intervention and behavioral therapies in the treatment of Children and adults with Down syndrome. Sociedad Perinatal de Panama y America Central, Panama City Panama 09/2000
- 2001 University of Georgia, Athens Behavior modification and treatment options in Down syndrome 02/2001
- 2001 Virginia Health Department Abingdon VA Treatment options and behavioral outcomes in Down syndrome 9/01
- 2001 University of Syracuse Grand rounds Targeted Nutritional Intervention in Down syndrome 11/01
- 2002 Use of growth hormone, human chorionic gonadotropin, and Coq10 in the treatment of Prader Willi syndrome. American College of Medical Genetics, National meeting, March 2002, New Orleans

Curriculum Vitae

- 2002 University of Georgia Hospitals and Clinics New Advances in the treatment of Down syndrome and other genetic disorders. 04/02
- 2005 Ask Organization San Diego, CA The use of Nutritional Supplementation in Genetic Disorders, Focus on the Human Genome 7/03
- 2006 International Trisomy 21 Mosaicism Association, Houston, TX, Supplementation, and Medical Concerns in Mosaic Down syndrome
- 2007 National Down Syndrome Supplementary Meeting Nashville TN: The use of supplementation in the Treatment of Down Syndrome; a 4-year study.

MEDIA REPRESENTATION

- 1996 Nightline ABC Targeted Nutritional Intervention in Down syndrome
- 1997 Ira Magaziner Radio Show, Philadelphia Metabolic Diseases and their treatment
- 1997 48 Hours CBS Targeted Nutritional Intervention in Down syndrome
- 1997 BBC 1 London Targeted Nutritional Intervention in Down Syndrome and other Genetic Disorders
- 1997 WFAX Norfolk, VA Down syndrome.
- 2000 Hearsay Radio Talk Show, WHRV, Norfolk, Down syndrome
- 1998 Television Interview All 3 Network Stations Sarasota Florida April 1998
- 1998 WNOR Radio March of Dimes current Update and New Research
- 1999 Secretin in the treatment of Autism Virginian Pilot, March
- 2001 Cloning and stem cell therapy WTKR October 2001
- 2002 Targeted Nutritional Intervention in Down syndrome ABC Television Sarasota FL May 2002
- 2001 Targeted Nutritional Intervention in Down syndrome WGN Chicago September 2002
- 2005 Targeted Nutritional Intervention in Down Syndrome Alternative Medicine Magazine April issue
- 2006 Technical Advisor to movie "My Brother" Angel Baby Entertainment
- 2007 Towards a better understanding of Down syndrome, Nightline September 2007
- 2008 Is gene therapy a practical consideration; NPR March panel discussion.

MEMBERSHIP ON EVMS COMMITTEES:

Admissions Committee

HONORS AND AWARDS:

N/A

COMMUNITY SERVICE:

Task Force on Bioethics, Planned Parenthood 1986

Medical Advisory Committee, Tulsa Lamaze Association

Health Professional Advisory Committee, March of Dimes Tidewater Region- Vice-President 1990-91

Health Professional Advisory Committee, March of Dimes Tidewater Region- Chairman 1991-93

Health Professional Advisory Committee, Chairman, March of Dimes Virginia State Division- 1993-98

Operation Smile Research Board 1993-2009

MEMBERSHIP ON LOCAL/NATIONAL COMMITTEES AND BOARDS (INDICATE OFFICE HELD):

Member Program Committee American College of Medical Genetics

Chairman of Health Professional Advisory Board State of Virginia March of Dimes

Page 7

Curriculum Vitae

Chairman of Health Professional Advisory Committee for March of Dimes

Member Clinical Practice Committee, position on reimbursement and CPT coding committee of American College of Medical Genetics 1992-1994

Member Program Committee American College of Medical Genetics 1995-1999

Member Professional Practices Committee American College of Medical Genetics 1997-2001

Board Member Tidewater Perinatal Task Force Perinatal Substance Abuse Subcommittee

Board Member of Disability Rights State of Virginia, 1999-2009

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

Fellow, American Academy of Pediatrics

Section on Genetics

Section on Computers in Medicine

Member, American Medical Association

Member, American Society of Human Genetics

Member, Mid-Atlantic Regional Genetics Network

Diplomate, American Board of Medical Genetics

Member, Society for Craniofacial Genetics

Member, Southern Society for Pediatric Research

American College of Medical Genetics-Charter Member

Member Program Committee 1995-1998 American College of Medical Genetics

Member, David Smith Dysmorphology Society

Member, European Society of Human Genetics

PRESENT FUNDED RESEARCH AND TRAINING GRANTS AND CONTRACTS:

PRINCIPAL INVESTIGATOR Lawrence G. Leichtman, M.D.

TITLE Associate Professor

PERIOD OF GRANT Yearly

TOTAL AMOUNT OF AWARD \$134,500

SOURCE OF FUNDING State of Virginia

PREVIOUS FUNDED RESEARCH AND TRAINING GRANTS AND CONTRACTS:

PRINCIPAL INVESTIGATOR Lawrence G. Leichtman, M.D.

TITLE Associate Professor

PERIOD OF GRANT Yearly

TOTAL AMOUNT OF AWARD \$134,500

SOURCE OF FUNDING State of Virginia

Co-investigator: the incidence of Alzheimer Disease in adults with Down syndrome a SPECT scan study. Stanford University School of Medicine with principal investigator Ira M. Lott, MD

BIBLIOGRAPHY

Publications:

Journals

1. Ayoub C, Pfeifer D, **Leichtman L**: Treatment of Infants with Non-organic Failure to Thrive. Child Abuse and Neglect 3:937-941.
2. Say B, Barber N, **Leichtman L**: Ankylosis, Facial Anomalies and Pulmonary Hypoplasia Syndrome. Am J Dis Child 133: 1196-1197, 1979.

3. **Leichtman L**, Say B, Barber N: Primary Pulmonary Hypoplasia and Arthrogryposis Multiplex Congenita (Letter). *J Peds* 96 1980.
4. **Leichtman L**, Say B, Coldwell J: Patients in a Clinic for Children with Multiple Handicaps: A Retrospective Diagnostic Evaluation. *South Med. J* 73 (9): 1221,1980.
5. Say B, Barber D, **Leichtman L**: The Gordon Syndrome (Letter). *J. Med. Genet.* 17 (5):405, 1980.
6. Carpenter N, **Leichtman L**, Munshi G, Fullerton P, Say B: The Marker X Chromosome Among Families with and without Histories of X-Linked Mental Retardation. (Abstract). *Am Soc Hum Genet*, Sep 1980.
7. **Leichtman L**, Carpenter N, Stamper, Say B: An Infant with Ring 17 Chromosome and Unusual Dermatoglyphics, A New Syndrome? *Med. Genet.*, October 1981.
8. Carpenter N, **Leichtman L**, Say B: Fragile-X Linked Mental Retardation. *Am J Dis Child*, May, 1982, 136: 392-398.
9. **Leichtman L** and Schooley K: Physical Abuse of a Pregnant Woman:A Possible Teratogen? *Dysmorph and Clin Gen* (1987) (1): 17-20.
10. Ardinger H, Hanson J, Harrod M, Cohen M, Welch J, Young-Wee T, Sommer A, Goldberg R, Sprintzen R, Sidoti E, **Leichtman L**, Hoyme A: Further Delineation of the Weaver Syndrome. *J of Peds* 108: 2:228-235, 1986.
11. **Leichtman L**, Brown D, and Arnold H: Syndrome Identification Case Report.Arachnodactyly, Joint Laxity and Spondylolisthesis. *Dysmorphology and Clinical Genetics*, 1988 2(1): 13-15.
12. **Leichtman L**: Ectopic Limbs. 1987 Number 2494 in ML Buyse, ed. *Birth Defects Encyclopedia I*.AR Liss, New York.
13. **Leichtman LG**, Chaves E, Nowicki MJ, Charity L, Brothman AR: A unique case of partial Monosomy 22: Phenotypic and karyotypic description and comparison to a case of partial Trisomy 22 with the same breakpoint. *Am Journal of Human Genetics* 43: 3, 1988.
14. Hommes FA, Brewster MA, Burton BK, Elsas LJ, Goldsmith BM, Hammond J, Kruckeberg WC, **Leichtman LG**, Lin KT, Martin RS, Matalon R, Naylor EW, O'Brien WE, Roe CR, Roesel AR, Shapira E, Taylor HA, Tedesco TA, Thompson JN, Tocci PM, Wilson WG: Proficiency Testing for Biochemical Genetics Laboratories: The First 10 Rounds of Testing. *Am J Hum Genet* 46: 1004-1005, 1990.
15. **Leichtman L**, Newlin A, Leadem P: Ectodermal Dysplasia, Cutis Aplasia, and Facial Dysmorphism in Mother and Daughter. A Recognizable Autosomal Dominant Syndrome. *Proceedings of the Greenwood Genetic Center* Vol. 9, P96 1990.
16. **Leichtman L**, Werner A, Bass WT, Smith D, Brothman AR: Apparent Occurrence of Opitz G Syndrome with Partial Duplication of Chromosome 5p. *Am J Med Genet* 40: 273-276 (1991).
17. **Leichtman LG**, Strum D, Brothman A: Multiple Craniofacial anomalies associated with an interstitial deletion of chromosome 1(q21>q25). *American Journal of Medical Genetics*, 45: 6,677-678 (1993).
18. Jaffer-Leichtman Syndrome: Inclusion in London Dysmorphology Database including CD ROM invited by editors. Publication date 1993.
19. **Leichtman LG**: The combination of hemifacial microsomia and DiGeorge anomaly. How common is it? *Proceedings of the Greenwood Clinic* 10: 79-80, 1991.

Curriculum Vitae

20. Leichtman L, Poley RJ, Rohn R, Solhaug M: Alagille Syndrome: Association of Rickets: Report of two cases. Submitted Southern Medical Journal 84 (10) 1205-1209 1991
21. **Leichtman LG**, Wood B, Rohn R: Anophthalmia, Cleft lip/palate, Facial dysmorphism, and CNS anomalies and hypothalamic disorder in a newborn: A midline developmental field defect. Am J Med Genet, 50: 39-41 (1994).
22. **Leichtman LG**: Are Cardio-Facio-Cutaneous Syndrome and Noonan Syndrome distinct: A case of CFC offspring of a mother with Noonan Syndrome. Proceedings of the Greenwood Clinic 12: 1993.
23. Interstitial deletion of chromosome 1q21>q25 in POSSUM index laser disk 1993.
24. Brothman AR, Newlin A, Phillips SE, Kinzie GQ, and **Leichtman LG**: Prenatal detection of an inverted X chromosome in a male. Clin Genet 44: 139-141.
25. **Leichtman LG**: Are Cardio-Facio-Cutaneous Syndrome and Noonan Syndrome distinct: A case of CFC offspring of a mother with Noonan Syndrome. Clinical Dysmorphology 5, 61-64 (1996)
26. Robin NH, Feldman GJ, Aaronson AL, Mitchell HF, Weksberg R, Leonard CO, Burton BK, Josephson KD, Laxova R, Aleck KA, Allanson JE, Guion-Almeida ML, Martin RA, Leichtman LG, Price RA, Opitz JM, Muenke M: Opitz syndrome is genetically heterogenous, with one locus on Xp22 and a second locus on 22q11.2. Nature Genetics 11, 459-461 (1995)
27. Leichtman, LG, Zackowski, JL, Storto, PD, Newlin, A.: Non-mosaic tetrasomy 9p in a liveborn infant with multiple congenital anomalies: Case report and comparison with trisomy 9p. Am.J.Med.Genet.. 63:434-437 (1996)
28. Buckley, L.M., Bullaboy, CM, Leichtman, L, Marquez, M: Multiple congenital anomalies associated with weekly low-dose methotrexate treatment of the mother. Arthritis and Rheumatism 40:5:971-973(1997)

Submitted for Publication

1. Greinwald, JH, **Leichtman L**, Simko E.J: Hereditary Thyroglossal Duct Cysts. submitted to Archives of Otolaryngological, Head and Neck Surgery

Book Chapters

1. **Leichtman LG**, Burg FG, Ingelfinger JR, Wald ER, Palin RA: Eds. Hypoglycemia and Glycogen Storage Diseases in Gellis and Kagan's Current Pediatric Therapy, 15th Edition WB Saunders Philadelphia, Pennsylvania, 1995 .
2. **Leichtman LG**, Burg FG, Ingelfinger JR, Wald ER, Palin RA: Eds. Hepatolenticular Degeneration in Gellis and Kagan's Current Pediatric Therapy, 15th Edition, WB Saunders, Philadelphia, Pennsylvania 1995

Rescinded

1. Moore RG, **Leichtman LG**: Unusual gynecologic malformations in Coffin-Siris Syndrome: A case report and review of the literature. Article Rescinded. Dysmorphology and Clinical Genetics.

RESEARCH

1. Clinical research in the delineation of Birth Defects.

Curriculum Vitae

2. Standards for laboratory certification in amino acid and organic acid studies administered by Fritts Hommes, University of South Carolina.
3. Type A1 diabetes mellitus in pregnancy. Is it a teratogen? Funding applied March of Dimes and American Diabetes Association.
4. The use of mitochondrial and nuclear DNA Polymorphisms to trace ancestral migrational patterns of Native Americans in North America. Doctoral Dissertation Research University of Texas at Austin Department of Anthropology. Funding Through the University of Texas Dissertation Research Grants \$30,000 and The Human Genome Diversity Project Stanford University \$10,000. Thomas Hester, Ph.D. graduate advisor. Research Finished 1996 submitted as PHD dissertation May 1997.
5. Ceresine in the Treatment of Chronic Lactic Acidosis. Joint Study with Cypros Pharmaceuticals and the FDA

CME 1988-Present

- 1988 - American Society of Human Genetics, New Orleans, LA
- 1988 - Mid-Atlantic Regional Genetics Network, Baltimore, MD
- 1989 - Annual David Smith Dysmorphology Meeting, Madrid, Spain
- 1989 - Mid-Atlantic Regional Genetics Network, Baltimore, MD
- 1989 - American Society of Human Genetics, Baltimore, MD
- 1990 - The Child's Eye, Face and Brain, Baylor University, Houston, TX
- 1990 - Disorders in Fatty Acid Metabolism, Washington, DC
- 1990 - Annual David Smith Dysmorphology Meeting, Lexington, KY
- 1990 - American Society of Human Genetics, Cincinnati, OH
- 1991 - Virginia Academy of Pediatrics, State Meeting
- 1991 - March of Dimes Birth Defects Meeting, Vancouver, BC, Canada
- 1991 - David Smith Dysmorphology Meeting, San Bernardino, CA
- 1991 - Society for Craniofacial Genetics, Vancouver, BC
- 1991 - American Society of Human Genetics, Washington, DC
- 1992 - Neurologically Impaired Individuals-Symposium, Richmond, VA
- 1992 - American Society of Human Genetics, San Francisco, CA
- 1993 - Mid-Atlantic Regional Genetics Network; Annual Meeting, Washington, DC
- 1993 - Operation Smile, Gaza Mission
- 1993 - David Smith Dysmorphology Society Meeting, Mont Tremblant, Quebec, Canada
- 1994 - U.S. Health Professionals: An Educational Role in Developing Countries, Norfolk, VA Sponsored by Operation Smile International.
- 1994 - March of Dimes Birth Defects Meeting and American College of Human Genetics, Orlando, FL
- 1994 - David Smith Dysmorphology Society Meeting, Tampa, Florida
- 1994 - American Society of Human Genetics Meeting, Montreal, Canada
- 1994 - Ongoing Neurology Rounds CHKD q. Friday A.M.
- 1994 - Grand Rounds CHKD q. Thursday A.M.
- 1995- Bioethics in Molecular Genetics and Gene Therapy Joint meeting Virginia Perinatal Association and March of Dimes. October 5, 1995 Ft. Magruder Inn Williamsburg, VA
- 1996- March of Dimes Birth Defects Meeting and American College of Human Genetics, San Antonio, TX
- 1996-David Smith Dysmorphology Society Meeting Lake Arrowhead, CA
- 1996-The Team Approach to Cleft and Craniofacial Anomalies: Recommended Parameters of Care. Williamsburg, VA
- 1997- American Society of Human Genetics Meeting, Baltimore, MD
- 1998- March of Dimes Birth Defects Meeting and American College of Human Genetics, Los Angeles March, 1998
- 1998-National Down syndrome Congress Dallas TX August, 1998
- 1998-American Society of Human Genetics Meeting Denver Colorado
- 1999-March of Dimes Birth Defects Meeting and American College of Medical Genetics Miami, FL
- 1999-American Society of Human Genetics Meeting San Francisco, CA October 19-23
- 1999-National Down Syndrome Society Meeting Pittsburgh, PA August

Page 11

Curriculum Vitae

1999-Journal reading over 200 hours

1999-Online research for proposed NIH grant in Targeted Nutritional Intervention 100 hours

1999 Jackson Laboratories 2 week CME course Bar Harbor, ME

2000- 15 hours Atlanta Down syndrome Association meeting

2000- 40 hours Level I CME credit online from WebMD

2000- 15 hours Sociedad Perinatal de Panama y America Central. Panama City Panama September 2000

2001- 30 hours American College of Medical Genetics/MOD Miami, FL March, 2001

2001 -8 hours Novartis Symposium on use of Exelon in the treatment of Alzheimer disease. Dallas 9/28-29/2001

2001-4 hours Telephone Conference Neotherapeutics The use of Neotrofin in the treatment of Alzheimer disease Alvin Glasky, Ph.D. Rajesh Shrotriya, MD 10/30/2001

2001-8 hours US Army War College Bethesda, MD Bioterrorism approaches and challenges post 9/11 11/02/01

2001-4 hours US Army Training Center Ft. Bragg, NC Preparing for bioterrorism public health and physician's issues. 11/04/01

2002- 30 Hours American College of Medical Genetics New Orleans, LA March 2002

2002-30 Hours Medscape

2002-8 Hours Army War College Smallpox prevention and Bioterrorism.

2002 -30 Hours American Society of Human Genetics Washington, DC

2003-30 Hours American College of Human Genetics, Tampa FL

2004-30 Hours American College of Human Genetics, Dallas Texas

2005-30 Hours American College of Human Genetics, San Diego, CA

2005 15 Hours David Smith Dysmorphology Society Tampa, FL

2006 15 Hours David Smith Dysmorphology Society San Bernadino CA

2007 30 Hours American Society of Human Genetics San Diego, CA

2008 30 Hours American Society of Human Genetics Tampa, FL

Continue online Medscape Pediatrics and Sermo forums in Pediatrics, Clinical Genetics and Development