CURRICULUM VITAE

Delbert A. Fisher, M.D.

Home Address	24582 Santa Clara Avenue
	Dana Point, CA 92629

Spouse Beverly Carne Fisher

DEGREES

1950	BA University of California, Berkeley
1953	MD University of California, San Francisco

POSTGRADUATE TRAINING

1953-55	Intern & Resident, Pediatrics, University of California, San Francisco
1957-58	Chief Resident, Pediatrics, University of Oregon, Portland
1958-60	Irwin Memorial Fellow, Pediatric Endocrinology, University of Oregon, Portland

PROFESSIONAL APPOINTMENTS

1955-57	First Lieutenant & Captain, USAFMC
1960-68	University of Arkansas Medical Center, Little Rock, Arkansas Assistant Professor Pediatrics 1960-64 Director, Pediatric Endocrinology and Metabolism 1960-68 Associate Professor Pediatrics 1964-67 Professor of Pediatrics 1967-68
1968-91	 David Geffin School of Medicine at UCLA Harbor UCLA Medical Center (HUCLA), Torrance, California Professor of Pediatrics, UCLA 1968-73 Head, Pediatric Endocrinology and Metabolism, HUCLA 1968-75 Professor of Pediatrics & Medicine, UCLA 1973-91 Associate Chairman, Department of Pediatrics, HUCLA 1974-85 Research Professor of Developmental & Perinatal Biology and Director of Perinatal Research Laboratories, HUCLA 1975-85 Vice Chairman, Department of Pediatrics, UCLA 1977-89 Chairman, Department of Pediatrics, HUCLA 1985-89 Director, Walter P. Martin Research Center, HUCLA 1991- Senior Scientist, Walter Martin Research Center, HUCLA 1991-96
1991-94	Nichols Institute, San Juan Capistrano, CA President, Reference Laboratories 1991-93 President, Academic Associates and Chief Science Officer 1993-94
1994-97	Corning Nichols Institute, San Juan Capistrano, CA President, Academic Associates and Chief Science Officer

PROFESSIONAL APPOINTMENTS cont.

1997-1999	Quest Diagnostics Nichols Institute, San Juan Capistrano, CA President, Academic Associates and Senior Science Officer
1999-05	Quest Diagnostics Nichols Institute, San Juan Capistrano, CA Vice President, Science & Innovation
2005-07	Quest Diagnostics Nichols Institute, San Juan Capistrano, CA Senior Science & Medical Officer
2007-	Academic Associate

PROFESSIONAL ORGANIZATIONS & POSITIONS

1956-91	Western Society for Pediatric Research President Elect 1981-92 President 1982-83
1959-	The Endocrine Society Postgraduate Committee 1971-74 Program Committee 1973,74,75,77,81,82,84 Postgraduate Assembly Co-Chairman 1973 Editor-in-Chief, JCEM 1978-83 President Elect 1982-83 President 1983-84 Awards Committee 1992-97
1960-	American Academy of Pediatrics Senior Member 2007
1960-68	Southern Society for Pediatric Research
1961-	Sigma Xi
1963-	Society for Pediatric Research Endocrinology Program Chairman 1971,73 Vice President 1973-74 Senior Member 1974
1965-	American Pediatric Society Devel. Biology Program Chairman 1977,83 Joint ASCI Program Chairman 1986,89 Poster Symposium Chairman 1987,89 Council Member 1981, 91-94 Council Chairman 1987-88 President 1992-93 International Pediatric Research Foundation Board of Trustees 2000-03
1966-	American Thyroid Association Goiter Prevention Committee 1970-73 Iodine Committee 1973-75 Newborn Screening Comm. Chair 1972-78 Council Member 1978-81 Distinguished Prize Lectureship 1982 Chairman, Intl. Meeting Comm. 1985-88 President 1988-89

PROFESSIONAL ORGANIZATIONS & POSITIONS cont.

1968-	Los Angeles Cross Town Endocrine Society Chairman 1970-71 Emeritus 1991
1970-	Western Society for Clinical Research Emeritus 1993
1971-	American Society for Clinical Investigation Emeritus 1994
1972-	The Lawson Wilkins Pediatric Endocrine Society (Pediatric Endocrine Society 2010) Secretary 1972-78 Comm. for Pediatric Endocrinology Subspecialty Certification 1974-76 Comm. on Growth Hormone Usage 1979-86 President 1982-83 Genentech Clin. Scholars Comm. 1986-88 Chairman, Growth Hormone Committee 1988-89 Chairman, Drugs and Therapeut. Comm. 1989 Chairman, History Committee 2003-2009 Chairman, Awards Committee 2009- History Committee 2010-
1972-	Corresponding Member, European Society for Paediatric Endocrinology
1974-91	Academic Associate, Nichols Institute
1980-	New York Academy of Sciences
1987-	Association of American Physicians (AAP) Emeritus 1994
1991-	American Association of Clinical Endocrinologists (AACE)
1993-	American Association for Clinical Chemistry (AACC) Emeritus 2015
1993-	American Association for the Advancement of Science (AAAS)
1995-	American College of Endocrinology (ACE)
1998-	National Academy of Clinical Biochemistry
EDITORIAL APPOINT	MENTS

Editor-in-Chief

1978-83	Journal of Clinical Endocrinology & Metabolism
---------	------------------------------------------------

1984-89 Pediatric Research

Associate Editor

2003-04 Pediatric Endocrinology Reviews

EDITORIAL APPOINTMENTS cont.

Editorial Boards

1975-78	Journal of Clinical Endocrinology & Metabolism
1975-78	Journal of Pediatrics
1975-92	National Foundation/March of Dimes Birth Defects Atlas & Compendium
1976-79	Early Human Development
1978-84	Journal of Developmental Physiology
1983-91	Western Journal of Medicine
1994-97	Endocrine Practice
2004-	Pediatric Endocrine Reviews

CERTIFICATIONS, AWARDS, HONORS

1950	Phi Beta Kappa
1959	Diplomate, American Board of Pediatrics (#006831)
1964-68	Career Development Award, National Institute of Child Health & Human Development
1978	Diplomate, American Board of Pediatrics, Subcommittee of Pediatric Endocrinology (#6)
1981	ISI List of 1,000 Most Cited Contemporary Scientists 1965-78, Current Contents 41:5,1981
1981	American Academy of Pediatrics Research Award in the Medical Sciences
1982	American Thyroid Association Distinguished Prize Lectureship
1985	Alpha Omega Alpha (Faculty)
1987	Faculty of Highest Distinction, UCLA
1988	National Academy of Medicine, National Academy of Sciences
1988	Honorary Member, Japanese Society for Pediatric Endocrinology
1989	Honorary Member, The Endocrine Society of the Republic of China
1990	Order of Alejo Zuloaga, University of Carabobo, Venezuela
1998	Robert H. Williams Leadership Award, The Endocrine Society

CERTIFICATIONS, AWARDS, HONORS cont.

2001	John Howland Medal, American Pediatric Society
2001	Distinguished Scientist Award, Clinical Ligand Assay Society
2003	Hall of Honor, National Institute of Child Health and Human Development (NICHD)
2005	Albert L. Nichols Award, Southern California Section of AACC
2006	Mastership in American College of Endocrinology (MACE)
2008	Van Wyk Award, Lawson Wilkins Pediatric Endocrine Society (LWPES)

SELECTED COMMITTEES & BOARDS

1971-80	Examiner, American Board of Pediatrics
1974-75	Co-Chairman, Kroc Foundation Conference, Perinatal Thyroid Physiology
1974-76	Planning Committee, Pediatric Endocrinology Subspecialty Certification
1975-76	National Research Council Committee on Maternal & Child Health Research
1976-79	Subspecialty Committee on Pediatric Endocrinology, American Board of Pediatrics
1977-80	Written Examination Committee, American Board of Pediatrics
1977-82	Organizing Comm. Intl. Conf. on Newborn Thyroid Screening - Quebec 1979, Tokyo 1982
1978-79	Growth & Development Task Force, NIH Evaluation of Research Needs in Endocrinology/Metabolic Disease
1978-92	Consultant, Genetic Disease Section, Maternal & Child Health Branch, State of California, Department of Health Services
1979-86	Neonatal Hypothyroidism Subcommittee, National Committee for Clinical Laboratory Standards
1981-82	Advisory Group on GCRC Advances in Perinatology, Immunology: GCRC Centers Prog. Branch, NIH
1984-85	NICHD Task Force, Five-year Plan for Developmental Endocrinology & Physical Growth
1984-85	American Bar Foundation Task Force, Legal Liabilities in Newborn Screening
1984-89	Scientific Advisory Council, Children's Hospital Medical Center, Cincinnati, Ohio

SELECTED COMMITTEES & BOARDS cont.

1987-89	Organizing Committee, International Meeting, Research in Congenital Hypothyroidism, Brussels
1987-91	Thyroid Research Advisory Council, Boots (USA)
2000-2003	Board of Trustees, International Pediatric Research Foundation
2001-2002	Chairman of the Board, Research and Education Institute Harbor UCLA Medical Center

CITATIONS

ISI list of 1000 most cited contemporary scientists. 1965-78, Current Contents 41:5,1981

Citation for the Endocrine Society Robert H. Williams Award, Melvin M. Grumbach, J Clin Endocrinol Metab 83:3010-3012,1998

Citation for American Pediatric Society John Howland Award Medal, Adam Jonas, Pediatric Res 51:544-545,2001

NICHD honors Outstanding Scientists during 40th anniversary year, September 23, 2003, http://www.nichd.nih.gov

Acceptance of Judson Van Wyk Award of Lawson Wilkins Pediatric Endocrine Society-Delbert Fisher, J Pediatric Endocrinol Metab 21:517-518,2008

Who's Who in America

Who's Who is the World

Who's Who in Medicine and Healthcare

Who's Who in Science and Engineering

HONORARY LECTURES

Theodore Panos Memorial Lecture University of Arkansas, Little Rock - 1975

Paschkis Memorial Lecture Philadelphia Endocrine Society, Philadelphia, Pennsylvania - 1976

Laurentian Hormone Conference Lecture Mont Tremblant, Quebec, Canada - 1976

Roger Orson Memorial Lecture Hennepin County Medical Center, Minneapolis, Minnesota - 1978

Henning Anderson Memorial Lecture European Society Pediatric Endocrinology, Ulm, West German - 1979

Stanley Wright Memorial Lecture Western Society for Pediatric Research, Carmel, California – 1981

HONORARY LECTURES cont.

R. Cannon Eley Memorial Lecture Harvard Medical School, Department of Pediatrics, Boston, Massachusetts - 1981

Distinguished Faculty Homecoming Lecture University of California, San Francisco - 1982

Parke Davis Distinguished Lectureship American Thyroid Association - 1982

R.R. Overman Distinguished Lecture University of Tennessee School of Medicine, Memphis, Tennessee - 1983

Frederick M. Kenney Memorial Lecture Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania - 1986

Alexis F. Hartmann, Sr. Lecture Washington University, St. Louis, Missouri - 1986

Lawson Wilkins Lecture Combined European Society Pediatric Endocrinology and Lawson Wilkins Pediatric Endocrine Society, Jerusalem – 1989

Clark T. Sawin Historical Lecture American Thyroid Association Meeting Chicago – 2008

Theodore Panos Memorial Lecture University of Arkansas Children's Hospital Little Rock – 2009

SELECTED VISITING PROFESSORSHIPS

University of Tennessee School of Medicine, Department of Physiology - 1972

University of Arizona School of Medicine, Department of Physiology - 1973

University of Calgary Medical School, Departments of Pharmacology & Therapeutics and Pediatrics - 1974

University of Laval Medical School, Divisions of Endocrinology & Genetics - 1975

University of Arkansas School of Medicine, Department of Pediatrics - 1975

University of Manitoba Medical School, Department of Pediatrics - 1976

University of Oklahoma School of Medicine, Department of Pediatrics – 1978

SELECTED VISITING PROFESSORSHIPS cont.

University of Minnesota Medical School, Department of Pediatrics - 1978

Universidad Centro Occidental Barquisimeto, Venezuela, Department of Endocrinology - 1979

Mayo Clinic Departments of Pediatrics & Medicine - 1980

University of Tennessee School of Medicine, Department of Physiology - 1983

University of Mississippi School of Medicine, Departments of Pediatrics and Obstetrics & Gynecology - 1984

McGill University, Montreal, Canada Endocrinology Divisions - 1985

Duke University and University of North Carolina Endocrinology Divisions - 1985

University of Pittsburgh, Pittsburgh, PA Endocrinology Divisions - 1986

University of Rochester, New York,, NY Wynd Visiting Professor - 1987

University of Saskatchewan, Saskatoon, Canada Department of Pediatrics - 1988

National Institutes of Health, NICHD Developmental Endocrinology Branch - 1989

University of Washington Children's Hospital Seattle, Washington - 1989

University of Arkansas Department of Pediatrics Little Rock, Arkansas - 1990

University of Florida, Urban Campus Division of Endocrinology-Metabolism Jacksonville, Florida - 1990

University of Carabobo Valencia, Venezuela - 1990

University of Florida College of Medicine Department of Pediatrics Gainesville, Florida - 1994

University of Florida College of Medicine Department of Pediatrics Jacksonville, Florida – 1997

SPECIAL LECTURES

Fourth International Congress of Endocrinology, Washington, DC - 1972

Sir Joseph Barcroft Centenary Symposium, Cambridge, England - 1972

European Society for Paediatric Endocrinology, Louvain, Belgium - 1972

Endocrine Society Postgraduate Assembly, Birmingham, Alabama - 1972

Ross Conference on the Endocrine Milieu of Pregnancy, The Netherland Antilles - 1973

First International Congress for Nuclear Medicine, Tokyo, Japan - 1974

Kroc Foundation Perinatal Thyroid Symposium, Santa Ynez, California - 1975

American Association for Clinical Chemistry, Chicago, Illinois - 1975

Perinatal Research Society, Mont Tremblant, Quebec, Canada - 1975

First Annual American Thyroid Association Workshop, Chicago, Illinois - 1975

Mead Johnson Symposium, Perinatal & Developmental Medicine, Marco Island, Florida - 1975

National Foundation Birth Defects Symposium, New York, New York - 1976

Fifth International Congress of Endocrinology, Hamburg, West Germany - 1976

Endocrine Society Postgraduate Assembly, Seattle, Washington - 1976

Second Annual American Thyroid Association Workshop, Palm Springs, California - 1976

NIH Workshop, Placental & Fetal Endocrinology San Diego, California - 1977

NIH Workshop, Newborn Screening for Congenital Hypothyroidism, Los Angeles, California - 1977

American Association for Clinical Chemistry Annual Meeting, San Francisco, California - 1978

Inaugural Meeting of the California Perinatal Association, San Diego, California – 1978

SPECIAL LECTURES cont.

University of Chicago Endocrine Seminar Series, Chicago, Illinois - 1978

McDermott Center Inaugural Symposium, Dallas, Texas - 1979

Keynote Address, National Conference on Hypothyroid Screening, Department of HEW, Center for Disease Control, Atlanta, Georgia - 1979

Keynote Address, First International Conference on Neonatal Thyroid Screening, Quebec - 1979

Midwest Society for Pediatric Research, Cincinnati, Ohio - 1979

Symposium of Fetal Brain Development, CSIRO, Adelaid, Australia - 1980

March of Dimes West Coast Research Seminar, Irvine, California - 1980

Lawson Wilkins Pediatric Endocrine Society, San Antonio, Texas - 1980

International Conference on the Low T3 Syndrome, Rome, Italy - 1980

First International Workshop in Developmental Renal Physiology, New York - 1980

American Academy of Pediatrics Annual Meeting, Detroit, Michigan - 1980

Keynote Address, University of Arkansas Research Day, Little Rock, Arkansas - 1981

25th Anniversary Symposium, German Society for Endocrinology, Berlin - 1981

Third Annual Michigan Thyroid Association Meeting, Ann Arbor, Michigan - 1981

Second International Conference on Neonatal Thyroid Screening, Tokyo, Japan - 1982

Presidential Address, Western Society for Pediatric Research, Carmel, California - 1983

Presidential Address, Lawson Wilkins Pediatric Endocrine Society, Washington, DC - 1983

5th UC Riverside-Nichols Institute Symposium on Cellular & Molecular Endocrinology, Riverside, California – 1983

SPECIAL LECTURES cont.

NIH Workshop, Intrauterine Growth Retardation Center for Research for Mothers & Children, Bethesda, Maryland - 1983

European Society Paediatric Endocrinology, Budapest, Hungary - 1983

American Academy of Pediatrics Spring Meeting, San Antonio, Texas - 1984

Presidential Address, The Endocrine Society, Quebec City, Quebec, Canada - 1984

Mead Johnson Clinical Scholars Seminar, Scottsdale, Arizona - 1985

Perinatal Endocrinology Symposium, University of Maryland School of Medicine, Baltimore, Maryland - 1985

International Newborn Screening Congress, San Antonio, Texas - 1986

European Society for Pediatric Research, Padova, Italy - 1987

International Conference on Iodine in Neurodevelopment, NIH, Bethesda, Maryland - 1988

Research in Congenital Hypothyroidism, Brussels, Belgium - 1988

International Symposium on Pediatric Endocrinology, Tokyo, Japan - 1988

Mead Johnson Perinatal and Developmental Medicine Seminar, Vail, Colorado - 1988

NICHD - Developmental Endocrinology Branch, Bethesda, Maryland - 1989

Endocrine Society Postgraduate Assembly, New Orleans, Louisiana - 1989

Presidential Address, The American Thyroid Association, San Francisco, California - 1989

Endocrine Society, Republic of China, Taipei, Taiwan - 1990

Venezuela Society for Endocrinology and Metabolism Symposium on The Thyroid and Growth, Caracas - 1990

European Society for Endocrinology, Berlin, Germany – 1991 Second International Conference on Thyroid Hormone Metabolism, Long Beach, California - 1993

Symposium on Thyroid Hormone Action, St. Paul, Minnesota - 1993

Presidential Address, The American Pediatric Society Washington, DC - 1993

Thyroid Hormones in Early Pregnancy and Effect on Brain Development, NIH Conference, Bethesda, Maryland – 1994

Distinguished Lecture Children's Hospital, Omaha, Nebraska - 1995

Serono Symposium, Therapeutic Outcome of Endocrine Disorders; Congenital Hypothyroidism Palm Beach, Florida - 1997

Mayo Clinic Symposium, Thyroid Disease in Pregnancy and The Postpartum Period; Hypothyroxinemia in Premature Infants Amelia Island, Florida - 1999

Endocrine Society Annual Meeting, Thyroid function in Premature Infants San Diego, California - 1999

3rd International Symposium on Thyroid Hormone Metabolism Thyroid Hormone Metabolism in the Pediatric Population Taipei, Taiwan - 2000

Clinical Ligand Assay Society Annual Meeting Ligand Assays Open a Window to Fetal Thyroid System Ontogenesis Dearborn, MI - 2001

Israel Pediatric Endocrine Society Annual Meeting Thyroid Hormone and Brain Development Dead Sea, Israel - 2002

UCSF 2003 Homecoming 1953 Medical Class Lecture Immunoassay - A Transforming Technology

12th International Congress of Endocrinology, Early History of Newborn Screening Lisbon, Portugal - 2004

American Thyroid Association (ATA) History of Newborn Screening for Congenital Hypothyroidism Chicago, IL – 2008

PUBLICATIONS 1953-2015 376 original, peer reviewed

- review articles, editorials 80
- 147
- book chapters books, author or co-author 11

Mjm:DFCV Revised 9-20-15