

April 8, 2019

CURRICULUM VITA

George M. Martin, M.D.
Professor of Pathology Emeritus (Active)
Adjunct Professor of Genome Sciences (Retired)
Director Emeritus, Alzheimer's Disease Research Center
University of Washington School of Medicine
Seattle, Washington 98195-7470

PERSONAL

Born: June 30, 1927, New York, New York

EDUCATION

1944 Cooper Union School of Engineering, New York, New York
1944-1945 College of the City of New York, New York
1946-1948 University of Alaska, Fairbanks, Alaska
1948-1953 University of Washington, Seattle, Washington

DEGREES

1949 B.S. Chemistry, University of Washington, Seattle, Washington
1953 M.D. (Thesis honors) University of Washington, Seattle, Washington

POSTGRADUATE TRAINING

1953-1954 Rotating Internship, Montreal General Hospital
Summer 1961 Tissue Culture Association, Madison, Wisconsin (John Paul)
1961-1962 U.S. Public Health Service Research Fellow, Genetics Department,
Glasgow University, Glasgow, Scotland. Genetics (G. Pontecorvo)
Summer 1965 Electronics for Scientists, Urbana, Illinois (H. Malmstadt)
1968-1969 Eleanor Roosevelt Intern. Cancer Res. Fellow, Inst. Biol. Physico-
Chimique, Paris, Molec. Biol. (François Gros)
1978-1979 Josiah Macy Jr. Foundation Faculty Scholar Award, Sir William
Dunn School of Pathology, Oxford University, Experimental
Embryology, (Henry Harris, Richard Gardner)
1990 Medical Genetics Field Research, India
1991 Humboldt Foundation Distinguished Scientist, Dept. of Human
Genetics, University of Wurzburg (Holger Hoehn)
Winter 1999 Visiting Scientist, Rockefeller University (Joshua Lederberg)
2006, 2010-2015 Visiting Scholar, Molecular Biology Institute, UCLA (Steven G.
Clarke)

FACULTY POSITIONS

1956-1957	Instructor in Pathology, University of Chicago, Chicago, Illinois
1957-1960	Instructor in Pathology, University of Washington, Seattle, Washington
1960-1964	Assist. Prof. Pathology, University of Washington, Seattle, Washington
1964-1968	Assoc. Prof. of Pathology, University of Washington, Seattle, Washington
Fall 1965	Visiting Scientist, Dept. of Genetics, Albert Einstein College of Medicine, New York, New York
1968-2002	Professor of Pathology, University of Washington, Seattle, Washington
1975-2003	Adjunct Professor, Dept. of Genetics (Genome Sciences, 2002), University of Washington, Seattle, Washington
1980-1981	Acting Chair, Dept. of Pathology, University of Washington, Seattle, Washington
1999- 2002	Adjunct Professor, Dept. of Geriatrics and Adult Development, Mt. Sinai Medical Center, New York, New York
2003-Present	Professor of Pathology Emeritus (Active), University of Washington, Seattle, Washington
2010-2012	Visiting Scholar, Molecular Biology Institute, University of California at Los Angeles, Los Angeles, California

HOSPITAL POSITIONS

1956-1963	Consultant in Pathology, Elgin State Hospital, Elgin, Illinois
1957-1959	Consultant in Pathology, Firlands Sanitarium, Seattle, Washington
1959-1963	Consultant in Pathology, Northern State Hospital, Sedro Woolley, Washington
1959-2002	Attending Pathologist, University Hospital, University of Washington, Seattle, Washington
1964	Founding Director of Cytogenetics Laboratory, University Hospital, University of Washington, Seattle, Washington
1970	Founding Director, Medical Scientist Training Program, University of Washington, Seattle, Washington
1972-1982	Director and Co-Director of Cytogenetics Laboratory, University Hospital, University of Washington, Seattle
1983	Founding Director, Alzheimer's Disease Research Center, University of Washington, Seattle, Washington

MILITARY SERVICE

1945-1946	U.S. Navy, WW II, S1/c (Electronics)
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HONORS

Sigma Xi
Eleanor Roosevelt International Cancer Research Fellow, 1968-1969
Josiah Macy Jr. Foundation Faculty Scholar Award, 1978-1979
Alpha Omega Alpha (elected faculty member), 1980
Brookdale Award, Gerontological Society of America (research on biological and clinical aspects of aging), 1981
Elected Fellow of the American Association for the Advancement of Science, 1982
Distinguished Alumnus Award, U. of Washington School of Medicine, 1987
National Institutes of Health Merit Award, 1989
Allied Signal Achievement Award in Aging, 1990
Member, Institute of Medicine (National Academy of Medicine), National Academy of Sciences, 1992
Research Medal, American Aging Association, 1992
Robert W. Kleemeier Award, Gerontological Society of America, 1993
Irving Wright Award of Distinction, American Federation for Aging Research, 1996
Paul Harris Fellow, Rotary International, 1998
Paul Glenn Foundation Award, 1998
Distinguished Scientist Award, U. of Urbino, Faculty of Sciences, Urbino, Italy, 1998
Lifetime Achievement Award, World Alzheimer Congress, 2000
IPSEN Foundation Longevity Prize, 2002
Distinguished Scientist Award, American Aging Association, 2004
Shober Prize (outstanding and innovative research in the field of aging), Martin-Luther University Halle-Wittenberg, Halle, Germany 2005
Trustee Emeritus, Buck Institute for Age Research, 2006
Honorary Alumnus (NIMH-sponsored Summer Research Institute in Geriatric Psychiatry), 2008
Dart/New York University Biotechnology Achievement Award, 2011
SENECA Medal for Research into Aging, Industrial Club of Düsseldorf, Düsseldorf, Germany, 2011
Inaugural Science Award of the Buck Institute for Research in Aging, 2011
Founding Member, Academy for Health and Longevity Research, 2019
Best Paper Prize, *Aging Cell*, 'Mitochondrial targeted catalase is good for the old mouse proteome, but not for the young: 'reverse' antagonistic pleiotropy?', 2016

SPECIAL LECTURES

Wright Science Colloquium Lecturer, H. Dudley Wright Foundation, Geneva, Switzerland, 1996
Education and Research Foundation Institute on Aging Keynote Lecturer, Allegheny Health, Pennsylvania, 1996
Arthur Cherkin Memorial Lecturer in Geriatric Medicine, U. of California Los Angeles, Los Angeles, California, 1997
National Institute on Aging Laboratory of Genetics Inaugural Symposium, 1998
The Edward Masoro Lecture, U. of Texas Health Sciences Center, San Antonio, Texas, 1998

Gordon Conference on the Biology of Aging Special Lecture, Barga, Italy, 1998
Genetic Effects on Aging III Keynote Lecture, Jackson Lab, Bar Harbor, Maine, 2000
20th Anniversary Lecture, Neurology, National Taiwan University, Taipei, Taiwan, 2000
Aging in 2001 Keynote Lecture, Mt. Sinai Medical Center, New York, New York, 2001
2nd Annual Hayflick Lecture, U. of Alabama, Tuscaloosa, Alabama, 2001
Keynote Lecture, Keystone Symposium, DNA Helicases in Aging & Cancer, 2002
Distinguished Science in Medicine Lecture, U. of Washington, Seattle, Washington, 2002
Storer Lectures, U. of California Davis, Davis, California 2003
Friday Evening Lecture, Marine Biological Laboratory, Woods Hole, Massachusetts, 2003
Keynote Lecture, International Conference on Cardiovascular Aging, Martin-Luther University Halle-Wittenberg, Halle, Germany, 2005
Keynote Lecture, Longevity Consortium, San Diego, California, 2005
Opening Lecture, Comparative Biology of Aging Workshop, San Antonio, Texas, 2006
Keynote Lecture, 3rd International Conference on Functional Genomics of Ageing, Palermo, Sicily, Italy, 2006
Keynote Lecture, Annual Retreat, Center on Aging, U of California Los Angeles, Los Angeles, California, 2006
Determination of Longevity, Institute for Advanced Study, Princeton, New Jersey, 2006
Genetics Lecture Series, U. of California Irvine, Irvine, California, Jun 2006
Keynote Lecture, UCLA Annual Research Conference on Aging, Los Angeles, California, Jun 2006
Route 28 Summits in Neurobiology, Frauenchiemsee, Bavaria, Germany, Sept 2006
5th European Congress of Biogerontology, Istanbul, Turkey, Sept 2006
Keynote Lecture, German Society of Geriatrics and Gerontology Annual Meeting, Freiburg, Germany, Sept 2006
Roehr Memorial Lecture on Successful Aging, U. of California San Diego, San Diego, California, Oct 2006
Mayo Clinic Molecular Pharmacology and Experimental Therapeutics Seminar, Rochester, Minnesota, Oct 2006
Korean Society of Medical Biochemistry and Molecular Biology Annual Meeting, Seoul, South Korea, Oct 2006
Vienna Biocenter Student Symposium “Timing Age”, Vienna, Austria, Nov 2006
Department of Cell Biology and Molecular Medicine, New Jersey Medical School, Newark, New Jersey, Nov 2006
Lecture, 20th Annual Roland D. Pinkham MD Basic Science Lectureship, Seattle, Washington, Nov 2006
Kronos Longevity Research Institute Aging Seminar, Phoenix, Arizona, Jan 2007
South Lake Union Group Tapas, Seattle, Washington, Jan 2007
Keynote Lecture, Roy Walford Endowed Lecture, U. of California Los Angeles, Los Angeles, California, Feb 2007
Keynote Lecture, Second Annual Biogerontology Research Symposium, University of Michigan, Ann Arbor, Michigan, Apr 2007
95th International Titisee Conference, Titisee, Black Forest, Germany, Apr 2007
12th Congress of the International Association of Biomedical Gerontology, Spetses, Greece, May 2007
International Program in Aging Research, Jonkoping, Sweden, Jun 2007

James R Smith Scientific Symposium, San Antonio, Texas, Aug 2007
Research into Ageing Grantholders Conference, Birmingham, England, Sept 2007
Biology of Ageing Lecture, Stockholm, Sweden, Sept 2007
4th Key Symposium on Biology of Ageing, Saltsjobaden, Sweden, Sept 2007
International Symposium Tissue Ageing: From Molecular Biology to Clinical Perspectives, Halle, Germany, Sept 2007
Center on Health and Aging, Johns Hopkins University, Baltimore, Maryland, Mar 2008
Carnegie Institute, Baltimore, Maryland, Mar 2008
Andrus Gerontology Center, University of Southern California. Los Angeles, California, May 2008
Workshop on Aging- From Molecules to Populations, Copenhagen, Denmark, May 2008
Virchow Lecture, U. of Wurzburg, Wurzburg, Germany, May 2008
Biology of Ageing: Gerontogenes, Gerontogens and Luck, Jonkoping, Sweden, Jun 2008
I. Segmental and Unimodal Progeroid Syndromes of *Homo sapiens*, II. Elite Aging, Jonkoping, Sweden, Jun 2008
Second International Conference on Genomic Dynamics in Neuroscience, “Genome Dynamics & Instability in the Ageing Brain”, Asilomar Conference Center, Pacific Grove, California, Jun 2008
Summer Training Course on the Biology of Ageing. Seattle, Washington, Jun 2008
Keynote Lecture, Pathology Retreat, Seattle, Washington, Sept 2008
Plenary Session: Genetic and Epigenetic Control of Aging, Hong Kong, China, Feb 2009
2009 International Conference on Molecular Neurodegeneration, Classes of gene action with the potential to modulate the times of onset and the rates of progression of neurodegenerative disorders, Xiamen, China, May 2009
Some Thoughts on Future Directions of Research on Lifespan and Healthspan, AFAR Age Boom Academy, New York, New York, May 2009
Keynote Lecture, Systems Biology and the Biology of Aging, National Institute on Aging, Johns Hopkins Bayview Campus, Baltimore, Maryland, Dec 2009
Monthly Aging Seminar for the Kogod Center on Aging, Elite Ageing: The Roles of Nature, Nurture and Chance & an Agenda for Discovering Relevant Gene Actions in People, Rochester, Minnesota, Jan 2010
New Insights into Healthspan and Diseases of Aging: From Molecular to Functional Senescence, Human Diseases of Ageing and Their Evolutionary Substrates, Tahoe City, California, Feb 2010
Some New Opportunities for Genetic Research on the Biology of Aging | Stochastic Modulations of Healthspan & Lifespan: Somatic Mutations & Epigenetic Gambling, Colloquium for Department of Integrative Physiology, Boulder, Colorado, Mar 2010
Some Unanswered Questions Regarding the Pathogenesis of the Vascular Pathology associated with Normative Aging and Progeria, 10th Anniversary Workshop on Progeria, Boston, Massachusetts, Apr 2010
Keynote Lecture, Twelve modalities of Gene Action that escape the force of natural selection and thus contribute to senescent phenotypes, Gordon Research Conference: Biology of Aging, Les Diablerets, Switzerland, Aug 2010
Keynote Lecture, Nature, Nurture and Chance: Their Relative Contributions to Intra-Specific versus Inter-Specific Variations in Life Span and Health Span, IARU Congress on Aging, Longevity and Health, Copenhagen, Denmark, Oct 2010

- Ellison Lecture, How important are stochastic variations in gene expression in explaining intra-specific differences in the pace and patterns of aging?, Indo-US Workshop on Base Excision DNA Repair, Brain Function and Aging, Hyderabad, India, Jan 2011
- Taking a Chance on Life: Epigenetic Gambling, Epigenetic Drift and Somatic Mutation Modulate Lifespan and Healthspan, Andrus School of Gerontology, U. of Southern California, Los Angeles, California, Apr 2011
- Keynote Lecture, Dr. Olivia Pereira-Smith's Retirement Reception, U. of Texas Health Science Center, San Antonio, Texas, Apr 2010
- Summer Course, the Biology of Aging, Leyden Academy, Leiden, Netherlands, Jul 2011
- NIA Summer Training Course, the Biology of Aging, Seattle, Washington, Jun 2011
- 2011 International Conference on Molecular Neurodegeneration, Epigenetic gambling, epigenetic drift and the quasi-stochastic distributions of geriatric pathologies, Shanghai, China, Sept 2011
- The Roles of Nature, Nurture and Chance in the Genesis of Variable Trajectories of Aging, 2013 Invited Lecture, 55th Annual Meeting, Japan Geriatrics Society, Osaka, Japan, Jun 2013
- 2016 Keynote Lecture, Third 2016 International Conference on RecQ Helicases, Seattle
- 2016 Keynote Lecture, Thirteenth International Symposium on the Neurobiology and Neuroendocrinology of Aging, Bergenz Austria.
- 2017 Lecture, Modulating Ageing Antiaging from Molecular Biology to Clinical Perspectives, Halle Germany.
- 2018 Keynote Lecture, International Meeting on RECQ Helicases and Related Diseases, Chiba Japan.

CERTIFICATION

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| 1958 | Diplomate, American Board of Pathology (Pathologic Anatomy) |
| 1987 | Diplomate, American Board of Medical Genetics (<i>Now the American Board of Medical Genetics & Genomics</i>) (Clinical Cytogenetics) |

LICENSURE

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| 1954-1957 | Licensed Physician and Surgeon, State of Illinois |
| 1957- Present | Licensed Physician and Surgeon, State of Washington |

ORGANIZATIONS

- American Society for Investigative Pathology
- American Society of Human Genetics
- Genetics Society of America
- American Society for Cell Biology
- Tissue Culture Association of America, President (1986-1988)
- Society for Experimental Biology and Medicine

Pluto Society (Association of University Pathologists)
American Association for the Advancement of Science, Elected Fellow (1982)
American Association of University Professors
American Federation for Aging Research, President (2001-2003)
Washington State Society of Pathologists
Federation of American Scientists
Gerontological Society of America, Elected Fellow (1977); Biological Sciences Section,
Chairman (1979-1980); President (2003)
Society for Neuroscience
Washington State Medical Association
Washington State Academy of Sciences, Founding Class (2008)
Physicians for a National Health Program, Member (2009)
Physicians for a National Health Program, Western Washington Chapter Board Member
(2010)
Global Healthspan Policy Institute, Fellow. Washington, DC (2016-Present)

EDITORIAL RESPONSIBILITIES

1970-1990	Editorial Advisory Board, <i>Current Contents, Life Sciences</i>
1972-1974	Editorial Advisory Board, <i>Human Pathology</i>
1974-1985	Associate Editor, <i>Human Pathology</i>
1976-1996	Associate Editor, <i>Journal of Cellular Physiology</i>
1978	Editorial Board, American Geriatrics Society Book Project
1979-1987	Associate Editor, <i>Annual Review of Gerontology and Geriatrics</i>
1979	Consulting Editor, <i>Experimental Aging Research</i>
1981-1990	Editorial Board, <i>Review of Biological Research in Aging</i>
1982-1990	Editorial Board, <i>Journal of Experimental Pathology</i>
1982-1985	Associate Editor, <i>Handbook of Biology of Aging</i>
1984-2006	Associate Editor, <i>Experimental Gerontology</i>
1988-1995	Editorial Board, <i>Mutation Research</i>
1989-1992	Advisory Board of "Dementia Section," <i>Journal of Neural Transmission - Parkinson's Disease and Dementia Section</i>
1990-	Editorial Consultant, <i>Aging: Clinical and Experimental Research (Milano)</i>
1990-2000	Editorial Board, <i>Mechanisms of Ageing and Development</i>
1990-1993	Editorial Board, <i>Neurobiology of Aging</i>
1990	Associate Editor, <i>Progress in Cell Science</i>
1991-1993	Editorial Board, <i>Neurodegeneration</i>
1992-1994	Associate Editor, <i>American Journal of Pathology</i>
1995-2004	Editorial Board, <i>Experimental Gerontology</i>
1995-	Editorial Board, <i>Age and Ageing</i>
1996	Editorial Board, <i>Reviews in Clinical Gerontology</i>
1998	International Advisory Board, <i>Age and Ageing</i>
2000	Associate Editor, <i>Handbook of Biology of Aging</i>
2000-2006	Board of Reviewing Editors, <i>Science</i>
2001-2006	Founding Editor-In-Chief, <i>Science of Aging Knowledge Environment</i> web site, <i>Science</i>

2000-2015	Associate Editor, Journal of Alzheimer's Disease
2001-	Advisory Board, Geriatrics and Gerontology International
2001-	Editorial Board, Alzheimer's Disease Review
2002-2010	Associate Editor, <i>FASEB Journal</i>
2002-2011	Editorial Board, <i>Ageing Research Reviews</i>
2002-2013	Editorial Board, <i>Aging Cell</i>
2008-	Founding Editorial Member, International Journal of Physiology, Pathophysiology and Pharmacology
2009-2012	Reviews Editor, <i>Aging Cell</i>

SPECIAL NATIONAL AND INTERNATIONAL RESPONSIBILITIES

1959	Intersociety Committee for Research Potential in Pathology (Interviewer)
1966-1971	Member of Pathology "B" Study Section, National Institutes of Health
1971-	Member, Ad hoc Committees: Adult Aging Branch, NICHD; Cancer Research Centers Review Committee, NCI; Cell Culturing Facilities Advisory Committee, NSF
1973-1975	Member, Adult Development and Aging Research Committee, NICHD
1974	Chairman, Gordon Conference on Molecular Pathology
1974	Advisory Committee, Cell Bank, Institute Med. Res., Camden, NJ
1974	Meritorious Award Committee, American Society for Experimental Pathology
1975	Chairman, Meritorious Award Committee, American Society for Experimental Pathology
1975-1977	Chairman, Aging Research Review Committee, National Institute on Aging
1976-1978	Biomedical Research Committee, National Research Foundation on Aging
1979	Local Chairman, Tissue Culture Assoc. 30th Annual Meeting
1979	Chairman, Gordon Conference on the Biology of Aging
1979	Chairman, Biological Sciences Section, Gerontological Society
1980-1982	Chairman, National Research Plan on Aging Task Force, National Institutes of Health
1981	World Health Organization Committee on Aging, Leningrad
1981	Independent Assessor Panel, National Health and Medical Research Council of Australia
1981-1988	Geriatrics and Gerontology Advisory Committee, Veteran's Administration
1981-1982	Ad hoc member, Molecular Cytology Study Section, National Institutes of Health
1981-1987	Committee on Life-Course Perspectives on Human Development, Social Science Research Council
1982	Chairman, External Review Committee, Pathobiology Graduate Training, University of Minnesota

1982-1984	Chairman, Cell Biology Advisory Committee, National Institute on Aging
1983-1986	Medical Research Service Merit Review Board for Basic Sciences, Veterans Administration
1983	Chairman, Visitor's Committee, Ethyl Percy Andrus Gerontology Center, University of Southern California
1985-1999	Selection Panel, AlliedSignal Corporation Achievement Award in Aging
1985-1989	Member, National Advisory Council on Aging, National Institutes of Health
1986-1988	President, Tissue Culture Association of America
1986,1988	Ad hoc Member, Board of Scientific Counselors, Gerontology Research Center, National Institute on Aging
1986-Present	Member of Science Board, Alliance for Aging Research
1987	Committee on Chemical Toxicity and Aging, National Research Council, National Academy of Sciences
1988	Visitors Committee, Ethyl Percy Andrus Gerontology Center, University of Southern California
1988-1989	Chairman, Program Committee, National Advisory Council on Aging, National Institutes of Health
1988	Consultant, International Programme on Chemical Safety, Committee on Aging and the Chemical Environment, World Health Organization
1988-	Member, National Scientific Advisory Council, American Federation for Aging Research
1988-1989	Biomedical Research Advisory Panel, National Research Plan Aging, Institute of Medicine, National Academy of Sciences
1988-1989	Biomedical Liaison Committee, National Research Agenda on Aging, National Academy of Sciences
1989-1991	Board of Directors, American Type Culture Collection
1989-1995	Member of Deaconess Hospital Research Foundation Committee, Billings, MT
1989-1996	Member of St. Paul's Hospital Research Foundation Committee, Vancouver, B.C.
1990	Cochairman, Workshop on Radiation and Aging, Radiation Effects Research Foundation, Hiroshima
1991	Search Committee, Director, National Institute on Aging
1994-1998	Board of Scientific Counselors, National Institute on Aging
1994-2002	Executive Committee, Vice President, President-Elect, and President, American Federation for Aging Research,
1994-1997	Chairman, Scientific Review Committee, American Federation for Aging Research
1995-Present	Ad hoc reviewer for programs of National Institute on Aging
1995-1998	Board of Scientific Counselors, National Institute on Aging
1997-2000	Member, Selection Committee, Paul Beeson Physician Faculty Scholars Program, American Federation for Aging Research
1998-2012	Scientific Advisory Board, Ellison Medical Foundation

1998-1999	Member, Search Committee, Associate Director for Biology of Aging Program, National Institute on Aging
1999-2000	Ad hoc Member, Brain Disorders and Clinical Neuroscience 3 (BDCN-3)
1999-2003	Member, Scientific Advisory Board, Keystone Symposia on Molecular and Cellular Biology
2000-2001	Task Force on Strategic Planning, Gerontological Society of America
2001-2012	Chair, Initial Review Group- Aging, Ellison Medical Foundation
2001-2004	Chair, NIA Repository Oversight Committee
2000-2004	Chair, Scientific Advisory Board, Buck Institute
2003-2013	Scientific Director, American Federation for Aging Research
2003-2004	President, Gerontological Society of America
2003-Present	Member, Volunteer Board of Advisors, Progeria Research Foundation
2003	Presidential Commission on Aging, Max Planck Society
2003-	Member, Steering Committee, NIA, Aging Intervention Testing
2003-2014	Member, Awards Committee, IPSEN Foundation
2004-2011	Member, Board of Trustees and Member, Scientific Review Committee, Benaroya Res. Inst., Seattle, WA
2004	Member, Scientific Advisory Board, Alzheimer Research Forum website, http://www.alzforum.org/home.asp
2004-2007	Chair, Nominations Committee, American Aging Association
2005-2007	Chair, Public Policy Committee, American Aging Association
2005	Member, Steering Committee, English Longitudinal Study for Aging (ELSA)
2008-2012	Chair, Scientific Advisory Board, Ellison Medical Foundation
2008	Member, Search Committee, Executive Director, Gerontological Society of America
2008-2014	Chair of the Selection Committee, Longevity Prize, IPSEN Foundation
2010	UCLA Visiting Scholar
2010-2015	Scientific Board Member, American Aging Association
2009-	Member, Biotech/Medical Board, Lifeboat Foundation
2011	Ellison/AFAR Postdoctoral Fellows Selection Committee
2008-	Member, Scientific Board of the Akbaraly Foundation
2008-	Chair of the Scientific Advisory Board of the Ellison Medical Foundation
2010-	Chair, Scientific Advisory Board, IPSEN Foundation
2009-	Advisory Board, Multidisciplinary Training Aging NIH Grant, University of Southern California
2013-	External Advisory Committee, Advancing Diversity in Aging Research, Howard University
2014-	Scientific Director Emeritus, American Federation for Aging Research
2014-	Scientific Advisory Committee, American Federation for Aging Research

2015-	Membership, the Scientific Advisory Board of the Paul Glenn Foundation
2016-	Membership Committee, Washington State Academy of Sciences
2016-	Advisor, CALERIE External Science Committee for Duke University
2017-	Emeritus member of the Tennessee Valley Geriatric Research Education and Clinical Center
2017-	Member of the Scientific Advisory Board, Preventing age-related chronic diseases by counteracting ageing: Essence of Senescence Research Grant, PI: Andrea Meier. Professor of Gerontology, Univ. of Melbourne, Australia.
2018-	Member, Internal Review Committee, NIH P01 AG043376 on “Cell Autonomous and Non-Cell Autonomous Mechanisms of Aging”, Scripps Florida Research Institute
2018-	Member, University of Washington Brotman-Baty Institute for Precision Medicine
2018-	Member, International Advisory Board, Norwegian Center on Healthy Aging

ADMINISTRATIVE RESPONSIBILITIES, UNIVERSITY OF WASHINGTON

1959-1961	Admissions Committee, School of Medicine
1964-1968	Admissions Committee, School of Medicine
1964-1968	Graduate Student Advisor, Department of Pathology
1964-1965	Member, Curriculum Sub-Committee on Undergraduate Biology
1966-1968	Member, University Senate
1967	Member, Planning Committee, Behavioral Sciences Curriculum
1969-1981	Member, Medical Scientist Pathway Committee
1970-1973	Founding Director, Medical Scientist Training Program
1971-1980	Director, Cell and Tissue Culture Facility, Department of Pathology
1972	Search Committee, Ophthalmology Chairmanship
1973-1989	Investigator, Center for the Study of Inherited Disease
1974-1976	Scientific Advisory Committee, Blood Bank Center, University of Washington and the King County Blood Bank, Seattle, Washington
1974-1976	Scientific Advisory Committee, Child Development and Mental Retardation Center
1974-1975	Chairman, Ad hoc Committee on Chemical Carcinogens, Mutagens and Teratogens
1974	Search Committee, Biochemistry Chairmanship
1978	Scientific Impact Committee, Primate Center
1978-	Founding Director, Pre- and Postdoctoral Training Program on Genetic Approaches to Aging Research, National Institute on Aging

1980 Chairman, Pathobiology Chairmanship Review Committee
1981-1983 Search Committee, Pediatric Chairmanship
1981-1983 Member, University Senate
1982 Search Committee, Dean of School of Medicine
1982 Member, Advisory Committee, Seattle/American Lake Veterans
Hospitals Geriatric Research, Education and Clinical Center
1982-1984 Graduate School, Biological and Health Sciences Research Project
Committee
1982 Search Committee, Head, Division of Gerontology and Geriatric
Medicine, Department of Medicine
1982-1983 Advisory Committee, Teaching Nursing Homes
1984-1989 Founding Director, Medical Scientist Training Program
1985-1987 Policy Board of the Institute on Aging
1985-1999 Founding Director, Alzheimer's Disease Research Center
1986 Advisory Committee, Program on Health Promotion and Disease
Prevention in the Elderly, School of Public Health
1987 Committee on Molecular Medicine Program
1987 Search Committee, Director, Seattle VAMC Geriatrics Research,
Education and Clinical Center
1987 Search Committee, Cytogenetics Laboratory Director, Children's
Hospital and Medical Center, Seattle
1988 Scientific Advisory Panel, Department of Environmental Health,
School of Public Health
1988-1989 Chairman, Graduate School Review Committee, Proposal to
Establish a Ph.D., Department of Pathobiology, School of Public
Health
1992-1993 Committee on the Annual Faculty Lectureship
1992-1996 Executive Committee of the Regional Primate Research Center
1994 Search Committee, Founding Chair, Department of Neurology
1995- Administrative Committee, Dept. of Pathology
1995- Executive Committee, Nathan Shock Center of Excellence for
Research on the Basic Biology of Aging
1995-1997 Veterans Administration Medical Center Advisory Committee,
Seattle
1997- Member, Internal Advisory Board, Genetic Approaches to Aging
Research
1998 Medical Scientist Training Program Review Committee
1999 Search Committee, Head, Division of Pulmonary Medicine
1999- 2002 Associate Director, Alzheimer's Disease Research Center
2002- Member, Internal Advisory Board, Program Project Grant
2003- Director Emeritus, Alzheimer's Disease Research Center
2004- 2007 Member, Faculty Committee on University Libraries
2008- Member, Scientific Oversight Board, Anesthesiology &
Perioperative Medicine NIH Training Grant
2008- CIGR Steering Committee, Consortium for Interdisciplinary
Gerontological Research

2011-	University of Washington Department of Anesthesiology Training Grant
2013-	Internal Advisory Committee, Translational Neurobiology of Alzheimer's Disease Training Program.
2015-	Faculty Advisor, Students for a National Health Program (SNaHP)

BIOTECHNOLOGY COMPANY CONSULTANCIES

1992-1998	Founding Member, Clinical Advisory Board, Geron Corporation, Menlo Park, CA
1992-1998	Aptein, Seattle, WA (purchased by Cambridge Antibody Technology, Cambridge, England, then by AstraZenica Pharmaceuticals, Sweden & UK)
1995-	LifeSpan Biosciences, Seattle, WA
2003-	Icogenex Corporation, Seattle, WA
2013-	Cenexys, Inc, San Francisco, CA

PUBLICATIONS

1. Martin, G.M. "Resistance to mercurial diuretics in congestive heart failure." Medical Honors Thesis, University of Washington School of Medicine, Seattle, 1953.
2. Martin GM. "Experience of a preceptee." *The Journal of the Student American Medical Association* 3:27-29, 1954.
3. Martin GM, Benditt EP, Eriksen N. "Vanadium catalysis of the oxidation of catechol amines, dihydroxyphenylalanine and 5-hydroxyindoles." *Nature* 186:884-885, 1960.
4. Eriksen N, Martin GM, Benditt EP. "Oxidation of the indole nucleus of 5-hydroxytryptamine and the formation of pigments: Isolation and partial characterization of the dimer of 5-hydroxytryptamine." *The Journal of Biological Chemistry* 235:1662-1667, 1960.
5. Martin GM, Benditt EP, Eriksen N. "Enzymic oxidation of the indole nucleus of 5-hydroxytryptamine: Properties of an enzyme in human serum and of the products of oxidation." *Archives of Biochemistry and Biophysics* 90:208-217, 1960.
6. McAlister R, Martin GM, Benditt EP. "Evidence for multiple caeruloplasmin components in human serum." *Nature* 190:927-929, 1961.
7. Afonso JF, Martin GM, Nisco FS, de Alvarez RR. "Melanogenic ovarian tumors." *American Journal of Obstetrics & Gynecology* 84:667-676, 1962.
8. Martin GM, McAlister R, Pelter W, Benditt EP. "Heterogeneity of ceruloplasmin." Proceedings of the Second International Congress of Human Genetics, Rome, Italy, 1961, pp. 752-754, (published in 1964). *Proceedings of the Second International Congress of Human Genetics: 752-754, 1964.*

9. Martin GM, Derr MA, Benditt EP. "Ceruloplasmins of Several Animal Species." *Laboratory Investigation* 13:282-287, 1964.
10. Martin GM. "Variation of alkaline phosphatase activity among cells of inducible and constitutive strains of human fibroblasts." *Proceedings of the Society for Experimental Biology and Medicine* 116:490-493, 1964.
11. Martin GM. "Culture of replicate monolayers of fibroblasts under identical conditions." *Nature* 201:1338-1340, 1964.
12. Martin GM. "Use of tris (hydroxymethyl) aminomethane buffers in cultures of diploid human fibroblasts." *Proceedings of the Society for Experimental Biology and Medicine* 116:167-171, 1964.
13. Martin GM. "Copper content of hair and nails of normal individuals and of patients with hepatolenticular degeneration." *Nature* 202:903-904, 1964.
14. Martin GM. "Alkaline phosphatase of human skin fibroblast cultures. I. A microassay demonstrating strain variation." *Experimental and Molecular Pathology* 3:622-633, 1964.
15. Martin GM. "Alkaline phosphatase of human skin fibroblast cultures. II. Kinetics of various 'inductions.'" *Experimental and Molecular Pathology* 3:634-647, 1964.
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