

CURRICULUM VITAE

Sarah S. Donaldson, M.D.

IDENTIFYING DATA

Born - Portland, Oregon

Nationality - American

ACADEMIC HISTORY

Colleges and Universities

University of Oregon; Eugene, Oregon	9/56-6/58
University of Oregon School of Nursing; Portland, Oregon	9/58-6/61
Portland State College; Portland, Oregon	9/62-6/64
Dartmouth Medical School; Hanover, New Hampshire	9/64-6/66
Harvard Medical School; Boston, Massachusetts	9/66-6/68

Degrees with Dates Received

B.S., R.N.	6/61
B.M.S.	6/66
M.D.	6/68

Scholarships and Honors

Student Nurse of the Year	1961
Scholarship to Dartmouth Medical School	1964-66
Scholarship to Harvard Medical School	1966-68
Anna Fuller Award	1973-74
American College of Radiology, Fellowship (FACR)	9/1/87
Lucy Wortham James Clinical Research Award from the Society of Surgical Oncology	5/88
Riley Cancer Research for Children Distinguished Lecturer	1991
Catharine and Howard Avery Professor in the School of Medicine	1991
Dartmouth College Presidential Medal for Outstanding Leadership and Achievement	11/91
Edward A. Langdon Lecturer, UCLA Medical School	1992

The Henry S. Kaplan Memorial Prize for Teaching	1993, 2010
Canadian Association of Radiation Oncologists (CARO) 1993 Lecturer	1993
Franz Buschke Distinguished Lecturer	1994
XXIst Annual Myron Karon Memorial Lecturer	1995
Radiation Oncology Orator for Radiological Society of North America	1995
First Annual Robert C. Storrs Lecture	1996
First Distinguished Women in Medicine and Science Lecturer Northwestern University Medical School	1997
Marie Curie Award of the American Association for Women Radiologists	1998
Janeway Lecturer and Gold Medal recipient, American Radium Society	1999
European Society of Therapeutic Radiology and Oncology Honorary Member	1999
NCRP, Honorary Member	2004
Institute of Medicine of the National Academy of Sciences	1999-2014
National Academy of Medicine of the National Research Council	2015-2016
Health and Medical Division (HMD) of The National Academies of Sciences, Engineering and Medicine (Formerly Institute of Medicine (IOM) and National Academy of Medicine (NAM))	2016-
Gold Medal, American Society for Therapeutic Radiology and Oncology	2000
25 th - annual del Regato lecturer and Gold Medal recipient	2001
13 th - annual W.W. Sutow lecturer and Gold Medal recipient	2002
11 th – annual Mark Nesbit lecturer	2002
National Council for Radiation Protection, Honorary Member	2004
Elizabeth Blackwell Award of the American Medical Women's Association	2005
Ira J. Spiro Visiting Professor and Memorial Lecturer	2005
Morton M. Kligerman Lecturer and Award	2006

American Society of Therapeutic Radiology and Oncology, Fellow (FASTRO)	2006
ASCO Statesman Award	2007
ASCO Pediatric Oncology Award	2007
Gold Medal, American College of Radiology	2007
Inaugural PROS Lecture	2009
John H. Wineman Lecture, University of Michigan	2010
Jerome M. Vaeth Distinguished Lecturer	2011
ASCO Fellow (FASCO)	2012
Richard T. Hoppe Leadership Award	2012
The Dean's Medal, Stanford University School of Medicine	2012
American Association for the Advancement of Science (AAAS), Fellow	2012
Albion Walter Hewlett Award, Department of Medicine Stanford University	2013
A Badge of Courage Award, from My Blue Dots and Department of Radiation Oncology, Stanford University	2013
European Society of Radiology, Honorary Member	2014
Medical Staff Distinguished Service Award, Lucile Packard Children's Hospital at Stanford	2014
Radiology Leadership Institute (RLI), Leadership Luminary Award of The American College of Radiology	2014
American Association of Physicists in Medicine (AAPM), Honorary Member	2014
Medal of the French Society of Radiotherapy (SFRO)	2014
French Society of Radiology (SFR) Honorary Member	2014
Ho Hung Chiu Medical Education Foundation Lecturer	2015
Head Cheerleading Award Department of Radiation Oncology	2015

Distinguished Career Achievement
Dartmouth Geisel School of Medicine 2015

Women Who Conquer Cancer Mentorship Award,
Conquer Cancer Foundation of ASCO 2016

Listed in:

<i>Best Doctors in America</i>	1994-14
<i>Best Doctors in America: Pacific Region</i>	1996-97
<i>Who's Who of American Women</i>	1996-2012
<i>Who's Who in Medicine and Healthcare</i>	1996-2007
<i>Who's Who in America</i>	1995-2015
<i>International Who's Who of Professional and Business Women</i>	1999-2001
<i>Who's Who in the World</i>	2000-2004
<i>Who's Who in the West</i>	2000-2006
<i>Strathmore's Who's Who</i>	2002
<i>America's Top Doctors</i>	2002-05
<i>National Register Who's Who</i>	2002
<i>Medical Imaging Top 10: Radiation Oncologist/ Cancer Researcher</i>	2006, 2006, 2007
<i>Who's Who in Science and Engineering</i>	2005-17
<i>Presidential Who's Who</i>	2009-10
<i>America's Top Cancer Doctors</i>	2011-
<i>Top Bay Area Physicians</i>	2005, 2015
 <i>Top Doctors-San Jose</i>	 2007
 <i>Top Doctors-San Francisco</i>	 2012

Fellowship and Residency Training

Internship, University of Washington Hospitals, General Medicine, Seattle, Washington	7/68-6/69
Residency Fellowship, Stanford University Hospital, Division of Radiation Therapy, Department of Radiology, Stanford, California	7/69-6/72
Fellowship, Pediatric Oncology, M. D. Anderson Hospital Houston, Texas	4/71-6/71
Fellowship, Institut Gustave-Roussy, Departments of Pediatrics and Radiotherapy, Villejuif, France	9/72-8/73
American Cancer Society Junior Faculty Clinical Fellowship	1973-76

EMPLOYMENT RECORD

Research Assistant, Department of Surgery, University of Oregon Medical School, Portland, Oregon	6/61-9/64
Assistant Professor of Radiology, Division of Radiation Therapy, Department of Radiology, Stanford University School of Medicine, Stanford, California	10/73-9/78
Active Medical Staff, Children's Hospital at Stanford, Palo Alto, California	10/73-
Associate Professor of Radiology, Division of Radiation Therapy, Department of Radiology, Stanford University, School of Medicine, Stanford, California	10/78-8/86
Associate Professor of Therapeutic Radiology, Stanford University, School of Medicine, Stanford, California	9/86-5/87
Professor Therapeutic Radiology, Stanford University, School of Medicine, Stanford, California	6/87-1/88
Professor Radiation Oncology, Stanford University School of Medicine, Stanford, California	2/88-
Provisional Medical Staff, Washington Hospital, Fremont, California	1/86-4/87
Courtesy Medical Staff, Washington Hospital, Fremont, California	5/87-9/2005
Medical Staff, VA Palo Alto Health Care System	9/00-
Acting Chairman, Department of Radiation Oncology, Stanford University Medical School	3/90-8/90
Chief, Radiation Oncology Service, Lucile Salter Packard Children's Hospital at Stanford	1991-
Courtesy Medical Staff, Santa Clara Valley Medical Center, Santa Clara, California	1991-2004
Associate Chair, Department of Radiation Oncology, Stanford University Medical School	1997-2011
Deputy Clinic Chief, Radiation Oncology Stanford University Medical Center	1997-2011
Residency Program Director, Department of Radiation Oncology Stanford University Medical Center	2001-2009
Residency Associate Program Director, Radiation Oncology Stanford University Medical Center	2009-

PUBLIC SERVICEJournal Reviews

Editorial Board:

<u>Radiation Research</u> , Associate Editor	1980-86
<u>International Journal of Radiation Oncology</u> , Biology, Physics, Associate Editor	1980-91
Editor Editorial Board	1991-2011
<u>Medical and Pediatric Oncology</u>	1981-2003
<u>American Journal of Clinical Oncology</u>	1982-94
<u>Journal of Clinical Oncology</u>	1984-87,90-93,96-98
<u>Radiation Oncology Investigations</u>	1992-2002
<u>Journal of Pediatric Hematology/Oncology</u>	1994-01
<u>Journal of the American College of Radiology-JACR</u>	2003-06
<u>Pediatric Blood and Cancer</u>	2004-2006
<u>Cogent Medicine, Pediatrics Editor</u>	1994-12
<u>ACR Journal Advisor Committee, Pediatrics Editor</u>	2013-
<u>Faculty of 1000, Pediatric Society</u>	2005-

Editorial Advisory Committee:

<u>The Healing Arts Magazine</u>	1979-83
PDQ Pediatric External Advisory Editorial Board	1988-2002
<u>National Cancer Institute</u>	
PDQ Pediatric Treatment Editorial Advisory Board	2010-2012

Ad Hoc Reviewer For:

Blood
Cancer
Journal of American Medical Association
Cancer Research
The New England Journal of Medicine
Cancer Treatment Reviews
American Journal of Diseases of Children
Radiotherapy and Oncology
Radiology
Journal of Urology
Annals of Plastic Surgery
European Journal of Cancer and Clinical Oncology
Journal of the National Cancer Institute
Pediatrics
Pediatric Hematology and Oncology
Journal of Nuclear Medicine Communications
British Journal of Cancer
American Journal of Pediatric Hematology/Oncology
European Journal of Cancer

American Journal of Clinical Oncology
The Cancer Journal
Nature Reviews Clinical Oncology

Community Service

<u>Stanford Health Library</u>	2004-2006
Reference Associate; 6hrs./mos.	
<u>Ronald McDonald House at Stanford</u>	2004-05
Hours Volunteer; 8hrs./mos.	
<u>PlaneTree Health Library</u>	2004
Research database; Update Resources	
<u>“My Blue Dot”</u>	2009-
Advisory Board	
<u>Community Breast Health Project/</u>	
<u>Breast Cancer Connections (BCC)</u>	2004
Participant Speaker Series	
Contribute to Newsletter	
Update Library Resources, chair	
Medical Advisory Board	2008-
6 th Annual BCC Conference, chair	2009
United States Certificate of Special Recognition for Outstanding and Invaluable Service to the Community	2013

Committees and Professional Activities

Stanford University:

Committee on the Education and Employment of Women (CEEW)	1974-77
Pre-Medical Undergraduate Advisor	1974-78
Transfer Student Advisor	1978-83
Senate of the Academic Council	1979-83, 1988-90, 1992-94
Alternate	1998-2000
C-UAFA, Committee for Undergraduate Admissions and Financial Aids, Liaison Member	1980-81
Committee on Committees	1980-83
Chairman	1981-82
Vice-President and Provost Search Committee	1983-84
The Founding Grant Society	2008-

Stanford University School of Medicine:

Professional Women of Stanford Medical School (PWSMS)	1974-75
Faculty Sponsor for SWOPSI Course: Problems of Chronic Illness and Disease in Children	1975-76
Senator-at-Large, School of Medicine Faculty Senate	1975-81, 1987-90

Bylaws Committee, Faculty Senate of the School of Medicine	1989
Faculty Budget Review Committee	1986-87
Faculty Search Committee:	
Diagnostic Radiology - Ultrasound	1976
Diagnostic Radiology - Pediatric Radiology	1976
Diagnostic Radiology - Neuroradiology	1976
Diagnostic Radiology - VA Hospital	1977
Therapeutic Radiology, Radiobiology	
Adjunct Professor, Cancer Biology	1979-80
Department of Pediatrics - Pediatric Oncology	1974-79
Department of Surgery - Pediatric Surgery	1983
Department of Dermatology, Chair	1986-87, 2009-2010
Department of Neurosurgery, Chair	1990
Division of Medical Oncology, Chief	1991
Department of Otolaryngology, Pediatric	1994, 1997-99
Department of Pediatrics, Bone Marrow Transplantation	2000, 2008
Department of Pediatrics - Pediatric Oncology	2003
Department of Radiation Oncology, Chair	1992, 1999-2000, 2003-2004
Radiation Oncology, Chairman	1994-95
Radiation Oncology - Radiation Biology	1994-95
Radiation Oncology - Radiation Physics	1994-95, 2005-06
Radiation Oncology - Radiation Physics, Chair	2009
Research Professoriate	1995-96
Radiation Oncology - Dosimetrist	1998-2000
Medical Center Professoriate	1996-2004
Radiation Oncology-Breast, Chair	2004-2006
Radiation Oncology-GYN, Chair	2009
Radiation Oncology- Pediatrics, Lymphoma, Sarcoma, Chair	2010
Radiation Oncology – CNS, Chair	2012
Director Clinical Cancer Center, Chair	1994-96
Associate Dean for Education and Student Affairs, Chair	1997
Department of Neurology, Chair	2003-04
Department of Pediatrics, Chair	2005-07
Breast Cancer Program, Chair	2006-07, 08
Department of Pediatric, Neuro-Oncology	2007-08
Department of Radiology, Chair	2010
Department of Radiation Oncology	1989-92, 1996, 1998
Committee on Appointments & Promotions	1987-89, 1993-94, 1996-98, 2001-03, 2008-11, 2012-
Chairman	2001-2003
Department of Radiology – Pediatric Radiology Operations Director	2015-

Department of Pediatrics, Division of Hematology/ Oncology	2015-
Senate Committee on Admissions Policy (SCAP)	1976-79
Committee on Human Nutrition - School of Medicine	1977-83
Strategy Group Subcommittee of Steering Committee of Ad Hoc Committee of Academic Standards	1979
Department of Radiology, Promotions Advisory Committee, Chair	1979-82 1981-82
Admissions Committee - School of Medicine	1979-82
Admissions Panel - School of Medicine	1983-84
McCormick Society - Steering Committee Member	1979-82
McCormick Bequest Committee	1994-99
Ad Hoc Committee to Review Medical School Publications	1979-80
Faculty Practice Plan Committee - Department of Radiology	1980
Faculty Practice Plan Board, Member at Large	1989-92, 1993-96
Department of Radiology Book Writing Review Committee	1980
Committee on House Staff Welfare	1983-87
Henry Seymour Kaplan Fund for Scholarship - Radiation Therapy Subcommittee	1984
25th Anniversary Planning Committee	1984
Space Committee, Department of Radiology	1986
Acting Director, Residency Program, Division of Radiation Therapy, Department of Radiology	1986
Clinical Sciences Cancer Program Committee	1989-93
Faculty Budget Advisory Committee	1991-92
Senate Committee to Evaluate the Mission Statement of the Medical School	1993
Faculty Council Senate, Senator-at-Large	1991-94, 1994-97
Committee on Student Performance	1994-97
Faculty Mentoring Program	1994-2000, 2014-
Stanford Cancer Council, Faculty Advisory Committee, Executive Committee	1995-2000
Committee on Scientific and Professional Integrity	1996-98
Career Recognition Award Selection Committee	2000-02
del Regato Gold Medal and Award Symposium Local Arrangements Committee, Chair	2004
Appointments & Promotion Task Force	2004-05
Major Awards Committee	2006-10
Hadron Task Force	2008-09
R & D Task Force for Particle Therapy	2009-
Post 2009 Retreat Department Initiative Task Force	2009-10
Adjunct Clinical Faculty	
Appointments & Promotion Committee	2011-16
Department of Radiation Oncology Seed Grant Committee	2013-

Stanford Hospital:

Committee on Nutrition of the Medical Board	1977-82
Physicians Support Panel	1987
Stanford University Clinic: FPP Strategic Planning and Marketing Committee	1987
Strategic Planning Committee for Oncology	1988-90
Cancer Treatment Center Advisory Committee	1990-92
Cancer Clinical Program Development Committee	1991
Nominating Committee for Medical Board	1991-2001
Faculty Practice Integration Working Group	1993
Hospital Board of Stanford Health Services Program Review Committee	1994-97
Quality and Organizational Performance Committee	1994-97
Cancer Committee	1997-2005
Graduate Medical Education Committee	2001-2012
Subcommittee on Program Expansion	2008-09
Strategic Planning Subcommittee	2004-05

Stanford Health Services:

Governance Committee	1995
SFPG Workforce Committee	1995-97
UCSF-Stanford Health Care Clinical Cancer Program Associate Director, Clinical Cancer Center at Stanford	1997-2001
Editor, Newsletter	1998-2000
Clinical Cancer Center at Stanford, Associate Director	2000-2001

Stanford Cancer Center

Pediatric Oncology Disease Management Program Leader	2005
Sarcoma Disease Management Group	2007-
EPIC Staging Committee	2015-
Search Committee: Director of Survivorship Program	2105-

Stanford Cancer Institute (formerly Stanford Cancer Center)	2011
Member	2011-

Children's Hospital at Stanford:

Medical Records Committee of the Medical Board	1976-78
Dietary Committee of the Medical Board	1976-79
Cancer Committee of the Medical Board	1978-81
Medical Board, Member-at-Large	1979-80
Department of Radiation Therapy	1991-
Medical Executive Committee	1991
Conscious Sedation Subcommittee	1994-95
Quality Improvement Liaison Officer	1994
Clinical Improvement Committee	2001-2003

Nominating Committee	2008-
Bass Center Strategic Advisory Committee	2012-13

UCSF-Stanford:

Childrens Health Initiative Cancer/Palliative Care Committee	1999
Nominating Committee	1999
Cancer Center Steering Committee	1999-2005

Regional:

Northern California Radiotherapy Association, Membership Committee, Chairman	1975-77
Northern California Oncology Group (NCOG): Radiotherapy Committee, Stanford University	1976-77
Gastrointestinal Committee	1976
Pediatric Committee	1976
Ad Hoc Site Visitor to San Francisco Kaiser Hospital	1982
Northern California Radiation Oncology Society, (NCROS): Fellowship Committee	1995-2000, 2003-
Foothill College, Radiation Therapy Program Advisory Board	2002-2005

National:

NIH-NCI

Ad Hoc Committees:

Scientific Review Committee, Norris Cotton Cancer Center, Hanover, New Hampshire	1976
Ad Hoc Consultant, Princess Margaret Hospital and Ontario Cancer Institute, Toronto, Ontario, Canada	1981
Doris Duke Charitable Foundation's Distinguished Clinical Scientist Award, review panel	2006
National Cancer Institute, National Institutes of Health, Bethesda, Maryland: Clinical Trials Advisory Committee, Division of Cancer Treatment	1975-80
Diet, Nutrition and Cancer Program, Consultant Advisory Committee	1975-76
Diet, Nutrition and Cancer Program, Member of Artificial Alimentation, Nutrient Media, Methods and Hardware Workshop	1975
Radiation Oncology Coordination Committee (ROC-W), Board of Scientific Counselors, Division of Cancer Treatment	1975
Editorial Board, Handbook on Cancer and	

Nutrition for Parents of Pediatric Cancer Patients; Diet, Nutrition and Cancer Program	1976-77
Radiation Oncology Coordination Subcommittee (ROCS) of The Board of Scientific Counselors, Division of Cancer Treatment, Ad Hoc Advisor	1977-78
Cancer Clinical Investigation Review Committee (CCIRC)	1983-87
Review and Site Visit Committee Member to the Intergroup Ewing's Sarcoma Study,	1977
Intergroup Rhabdomyosarcoma Study	1977
Pediatric Division of Southwest Oncology Group,	1979
Southeast Group,	1984, 1986
Quality Assurance Review Committee, Chairman	1985
Diet, Nutrition and Cancer Program Planning Committee for Workshop in Cancer Nutrition Education Special Study Section, Cancer Clinical Trials, Division of Cancer Treatment, Ad Hoc Member	1981
Ronald McDonald Children's Charities: Grant Selection Committee, Chairman	1992
PDQ Extramural Board	1988-92
PDQ Pediatric Editorial Board Reviewer	2015
Consultant to NCI Grant Genetic Consequence of Cancer Treatment PI Boice, J, RO1 CA 64666	2005-
NCI Pediatric and Adolescent Solid Tumor Steering Committee Coordinating Center for Clinical Trials	2010-13, 2014-17
Academy of Radiology Research RSNA Representative to ARR Board	2011-14, 2014-17
American Society for Clinical Oncology: Program Committee	1978, 1988, 1995-96
Pediatric Oncology Subcommittee Chair	1995-96
Oncology Training Program Committee	1988-91
Publications Committee	1991-99
Chairman	1995-97
Meet the Professor	1993, 1995
Nominations Committee	1993
Board of Directors	1994-97
Search Committee, Editor J. Clin. Oncol. Chair	1995-96
ASCO On Line Committee	1995-97
ASCO Foundation, Board of Directors	1999-05, 2005-08
ASCO Foundation, News & Views editor	2001-05
Education Task Force	2001-04
Cancer Education Committee	2001-04

Pediatric Tumors Subcommittee	2001-04
ASCO Roster of Cancer Experts	2005-08
ASCO Statesman	2007
Pediatric Oncology Award Lecture	2007
Special Awards Selection Committee	2007-10
American Association for Cancer Research:	
Program Committee	1992
Rosenthal Award Committee	1992-93
American Cancer Society:	
National Advisory Committee on Childhood Cancer, Task Force on Children and Cancer	1987-90
American Society for Radiology Oncology (ASTRO)	
Committee on Technology	1979-81
Committee on Publications	1981-86
Vice Chairman	1984-85
Chairman	1985-86
Program Committee	1984-87
Gold Medal Award Committee	1985
Education and Development Fund Committee	1985-94
Committee on Committees	1986
Annual Meeting and Program Committee	1987-89, 1990-92
Awards Committee	1988-95
Radiation Oncology Research Manpower Committee	1988
Local Arrangements Committee	1989, 1994
Public and Professional Communications Committee	1991-92
Annual Meeting Site Selection Committee	1991-94
International Relations Committee	1991-94
Chairman	1993-94
Board of Directors	1985-94
Vice President - President Elect	1990-91
President	1991-92
Chairman of the Board	1992-93
Immediate Past Chairman	1993-94
Search Committee Editor IJROBP	1992-93
Subcommittee on the Journal	1992-96
ASTRO Liaison to ARRO	1993-94
Abstract reviewer	1996-99
Scope of Radiation Oncology Practice, Benign Disease	1999
Research and Education Foundation Working Group	1999-2001
Councilor to ACR	1995-2000
Awards Evaluation Process Committee	2002
Nominating Committee	2002-03
Executive Committee Authority Task Force	2005
Maintenance of Certification (MOC) Committee of the Education Council	2006-08 2006

Ethics Committee	2007-2015
Chair	2013-
Gold Medal Awards Committee	2007-10, 2015-
Radiation Research Society:	
Research Award Selection Committee	1980-83
Chairman	1980
Councilor for Medicine	1981-84
Travel Award Committee	1986
Scientific Program Committee for 9th ICRR	1991
American Radium Society:	
Publication Committee	1982-86
Chairman	1985-86
Committee on Arrangements	1994-95, 1998-99
Board of Trustees	1996-1998
Janeway Lecture Committee	1999-2002
American Board of Radiology:	
Radiation Oncology, Oral Examiner	1981-96
Radiation Oncology, Written Exam Committee	1989-96
Ad Hoc On-Site Inspector to University of Oregon Health Sciences Center, Department of Radiotherapy	1982
Trustee	1989-95, 1995-2001
Audit Committee, Chairman	1994-96
Long-Range Planning Committee	1995-96
Board size and constituency sub-committee, Chair	
Voluntary recertification subcommittee	
Board name subcommittee	
Vice President	1995-96
President	1996-98
Lifetime Service Award	2010
American Board of Medical Specialties:	
Committee on Board Representatives and Executives	1996-98
Long Range Planning Committee	1996-99
American College of Radiology:	
Commission on Radiation Oncology	1981-97, 1999-06
Committee on Cancer Management	1981-87
Committee on Professional Testing	1982-88
Committee on Radiation Oncology Research and Development	1985-91
Committee on Standards and Accreditation	1991-97
Commission on Cancer	1984-91
Committee on Education	1984-91
ASTRO Councilor	1995-2000
Radiation Oncology Advisory Group	1993-96
Council Steering Committee	1999-2000

Subcommittee on Membership Issues	2000-2001
Task Force on Patient Safety	2000-2001
Nominating Committee	2000-01, 2001-02
Board of Chancellors	2000-2006
Executive Committee	2004-2006
Editorial Review Board for Education Projects	2001-06
Commission on Education	
Vice Chair	2001-02
Chair	2002-04
Lifelong Learning	
Steering Committee	2004
Grow the Membership Committee	2001-02
ACR/RSNA Public Information Web Committee	2003-06
Journal of American College of Radiology	
Editorial Board	2002-06
Emergency Action Committee	2004-05
Committee on Awards and Honors	2002-05, 2015-19
Secretary-Treasurer	2004-06
Budget & Finance Committee, Chair	2004-06
Investment Committee	2004-06
RSNA Alternate Councilor	2007-15
Journal Advisory Committee	2013-
American College of Surgeons:	
Commission on Cancer Patient Care Evaluation, Subcommittee on Childhood Disease	1992-94
Accreditation Council of Graduate Medical Education (ACGME)	
Residency Review Committee for Radiation Oncology	
Member	1991-96
Chairman	1993-96
Specialist Site Visitor	
Howard University	2000
Pediatric Oncology Group:	
Radiation Therapy Committee	1982-00
Executive Committee	1982-91
Lymphoid Disease Committee	1981-01
Non-Hodgkin's Lymphoma Study, Co-Investigator	1982-89
Bone Tumor Committee	1981-01
Ewing's Sarcoma Study, Chairman	1982-89
Hodgkin's Disease Committee	1994-01
Nutrition Committee	1983-84
Executive Committee	1983-86, 1992-94
Constitution and Bylaws Committee	1993-94
Disease Committee and Chairman's Retreat	1994
Retinoblastoma Committee	1995-97
Retinoblastoma protocol co-coordinator	
Transition Team	1999-2000

Children's Oncology Group (COG):	
Transition Team	1999-2000
Logo Committee, Chair	1999-2000
Radiation Oncology Committee	2000-
Steering Committee	2007-
Soft Tissue Sarcoma Committee	2000-
Radiation Oncology Sub-Committee Co-Chair	2000-2006
Radiation Oncology Sub-Committee Chair	2006-
Steering Committee	2001-
Hodgkin's Disease Committee	2001-04
Pediatric Solid Tumor Steering Committee	2010-
Childhood Cancer Survivors Study:	
Steering Committee	1994-2012
Publications Committee	1994-2008
Consultant – Breast Cancer Risk	
Calculator Study PI: K. Oeffinger	2008-
Intergroup Rhabdomyosarcoma Study Group:	1987-2000
Radiation Oncology Committee	1987-2000
Co-chair	1998-2000
Chair	2000
Leadership Transition Team	1996
Nominating Committee	1996-97
Executive Committee	1998-2000
Intersociety Council for Radiation Oncology (ISCRO) representing ACR	1984-92
Association of Directors of Radiation Oncology Programs (ADROP)	2001-2010
National Council on Radiation Protection and Measurement (NCRP):	
Councilor	1992-98, 98-2004
Scientific Committee on Radiation Protection In Medicine (Scientific Committee 91)	1993-2003
SC-91-1 Precautions in the Management of Patients Who Have Received Therapeutic Amounts of Radionuclides, Liaison.	
Nominating Committee	1996-2001
PAC 4 – Radiation Protection in Medicine	2003-05
Honorary Member	2004
American Association for Women Radiologists:	
Historical Committee	1993-1996
Finance and Long Range Planning Committee	1994
RSNA booth coordinator	1994
Radiology Centennial, Inc. History of Women in	

Radiation Oncology, slide set coordinator	1994
Nominating Committee	1995
Awards Committee	1996, 1997, 2000
Radiation Oncology Committee	1998-
Committee to Promote the Advancement of Women in Radiology	2002-05
Radiological Society of North America:	
Research and Education Fund	
Distinguished Reviewer	1993-2004
Board of Trustees	1995-2001, 2009-
Grant Committee	1993-2005
Chair	1999-2004
Program Committee	1996-97
Seed Grant Review Panel	1996-98
Chair	1998-99
Nominating Committee	1996-97
Outstanding Research Award	1996-97
Roentgen Fellow Review Panel	1996-98
Roentgen Centennial Fellow Review Panel, Chair	1997
Finance Committee	2012-
Nominating Committee	2013
Evaluation Committee	2013-14
Scientific Exhibits Committee	1995
Ethics Committee	1995-98
Public Information Advisors Network	2001-06
Second Vice-President	2003
Membership Task Force	2007
Radiographic Editor Search Committee, Chair	2010
Nominating Committee	2012, 14
Chair	2013
Finance Committee Chair	2005-06, 2010-12
Bylaws Committee	2015-18
Board of Directors	2005-13
Liaison for Science, designate	2005-06
Liaison for Science	2006-07
Liaison for Publications and Communications	2007-10
Chairman	2010-11
President Elect	2011-12
President	2012-13
National Academy of Sciences:	
Board on Radiation Effects Research (BRER) of the National Research Council (NRC)	1999-2004
Institute of Medicine Cancer Survivorship Committee	2004-2005
St. Jude Children's Research Hospital:	
Scientific Advisory Board (SAB)	2002-08
SAB Vice Chair	2007-08

Harvard Medical School Department of Radiation Oncology Dana-Farber Cancer Institute Brigham and Women's Hospital, and Children's Hospital External Review Committee	2004
M.D. Anderson Cancer Center External Advisory Board	2005-2014
National Cancer Fighter Awards Selection Committee	2002

International:

International Society of Pediatric Oncology (SIOP): Committee for the Tumor Site Nomenclature and Topographical Coding for Pediatric Solid Tumors Publications Committee North American Continent, President Local Arrangements Committee, XXV Meeting PODC Committee	1975-80 1991 1991-96 1992-93 2000-04
Childhood Cancer Survivor Study Steering Committee Publications Committee	1990-2010 1990-2007
General Motors Cancer Research Foundation Kettering Selection Committee	1998
International Congress of Pediatric Radiation Oncology Program Committee	2002-03
Pediatric Radiation Oncology Society (PROS) Steering Committee Founding Member Program Committee Inaugural PROS Lecturer	2004-08 2004- 2007 2009

POST-DEGREE HONORS AND AWARDSDiplomat:

National Board of Medical Examiners	1968
American Board of Radiology (Subspecialty, Radiation Therapy)	1973
Fellowship, American College of Radiology	1987
Fellowship, American Society of Radiology and Oncology	2006
Fellowship, American Society of Clinical Oncology	2012

Licensure: California - G-17570

Visiting Professor:

Medical College of Wisconsin, Department of Radiology	1982
University of Iowa, Department of Radiology	1984
McGill University, Department of Radiation Oncology	1985
Hahnemann University, Department of Radiation Oncology and Nuclear Medicine	1985 1991
Johns Hopkins Hospital, Department of Radiation Oncology	1986
University of Utah, Division of Radiation Therapy	1987
University of Pennsylvania, Department of Radiation Oncology	1990
University of California, Los Angeles, Department of Radiation Oncology	1992
Robert Wood Johnson Medical School Institute for Systemic Radiation Therapy	1992
University of Louisville, Department of Radiation Oncology	1992
University of Florida, Department of Radiation Oncology	1993
Mayo Clinic, Division of Radiation Oncology	1994
M.D. Anderson Hospital Radiation Oncology	1997
Baylor University Radiation Oncology	1997
M.D. Anderson Hospital Department of Pediatrics	2002
Massachusetts General Hospital, Radiation Oncology	2005
University of Pennsylvania, Radiation Oncology	2006
University of California, San Francisco, Radiation Oncology	2007
Oregon Health & Science University, Radiation Medicine	2009
Memorial Sloan-Kettering Cancer Center, Radiation Oncology	2009
University of Michigan, Radiation Oncology	2010

University Fellow:

Stanford University	1984-86
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Memberships:

American Society of Therapeutic Radiology & Oncology	1973
American College of Radiology	1974
International Society of Pediatric Oncology	1974
Northern California Radiotherapy Association	1974
California Radiological Society	1975
Radiation Research Society	1975
California Radiation Therapy Association	1975
American Society of Clinical Oncology	1976
Society of Pediatric Radiology	1976
American Association for Cancer Research	1977
American Radium Society	1981
American Association for the Advancement of Science	1981
American Society of Pediatric Hematology/Oncology	1982
European Society for Therapeutic Radiology and Oncology	1984
Honorary Member	1999
American Association of University Professors	1986
Gilbert H. Fletcher Society	1990
American Association of Women Radiologists	1991
American Medical Association	1993
Canadian Association of Radiation Oncologists – Honorary Member	1993
Radiological Society of North America	1994
Academy of Radiology Research	2011
American Association for the Advancement of Science	2011

MAJOR PRESENTATIONS

1. Rhabdomyosarcoma of the Head and Neck in Children. Presented at the first joint meeting of the James Ewing Society of Head and Neck Surgeons and the American Radium Society, Boca Raton, FL, May 1972.
2. Pediatric Non-Hodgkin's Lymphoma - The Stanford Experience. Presented at the International Society of Pediatric Oncology, Manchester, England, October 1972 (Invited).
3. Graves' Ophthalmopathy - Etiology, Pathogenesis, and Therapy. Presented at Gray Laboratory, Mt. Vernon Hospital, Northwood, Middlesex, England, March 1973 (Invited).
4. Multi-Modality Treatment for Head and Neck Rhabdomyosarcoma. Presented at Oncology Conference, St. Bartholomew's Hospital, London, England, April 1973 (Invited).
5. Le Traitement des Sarcomes Embryonnaires de la Tete et du Cou. Presented at Pediatric Oncology Conference, Institut Gustave-Roussy, Villejuif, France, April 1973 (Invited).
6. Ophthalmopathy of Graves' Disease. Presented at the Northern California Radiologic Society, May 1973 (Invited).
7. Radiation Enteritis Following Whole Abdominal Irradiation. Presented at the International Society of Paediatric Oncology, Amsterdam, The Netherlands, October 1973.
8. New Advances in Pediatric Oncology. Presented at O'Connor Hospital, San Jose, CA, September 1974 (Invited).

9. Hodgkin's Disease of Childhood - The Stanford Experience. Presented at the International Society of Paediatric Oncology, Genoa, Italy, October 1974.
10. Radiotherapy of Childhood Lymphoma. The Fifth Annual Cancer Symposium, Trends in Childhood Cancer, Philadelphia, PA, November 1974 (Invited).
11. Treatment of Bone Tumors. Presented at Western Orthopedic Association, Northern California Chapter Annual Meeting, December 1974 (Invited).
12. Head and Neck Sarcomas - Management and Therapy. Presented at Otolaryngology Grand Rounds, Santa Clara Valley Medical Center, San Jose, CA, March 1975 (Invited).
13. Diet and Nutrition as Related to Radiation Therapy. Presented at Workshop on Diet and Nutrition in the Therapy and Rehabilitation of the Cancer Patient, National Institutes of Health, Bethesda, MD, March 26, 1975 (Invited).
14. Parsley, Sage, X-Rays, and Thyme. Presented at the Cancer and Cancer Viruses Symposium, Oregon State University, Corvallis, OR, May 14, 1975 (Invited).
15. Care of Patients with Cancer: A Team Approach. Presented at a seminar for health care personnel, San Jose Hospital and Health Center, San Jose, CA, June 18, 1975 (Invited).
16. Clinical Trials of Nutrition in Radiation Therapy. Presented to the Advisory Committee of the Diet, Nutrition and Cancer Program, National Institutes of Health, Bethesda, MD, August 20, 1975 (Invited).
17. Local Control of Osteogenic Sarcoma with Combined Radiation Therapy and Radiosensitizer Infusion. Presented at the International Society of Paediatric Oncology, Stockholm, Sweden, September 1975.
18. Radiographic Evaluation of 105 Consecutive Children with Hodgkin's Disease. Presented at International Symposium on Pediatric Oncology, Palma de Mallorca, Spain, October 4, 1975.
19. Epidemiology and Attempted Therapy of Solid Tumors in Children. Presented at International Symposium on Pediatric Oncology, Palma de Mallorca, Spain, October 4, 1975.
20. Radiation Enteritis. Presented at O'Connor Hospital, San Jose, CA, November 15, 1975 (Invited).
21. Radiation Therapy of Childhood Tumors. Presented at Cancer Symposium, Fountain Valley Community Hospital, Fountain Valley, CA, December 13, 1975 (Invited).
22. Neoplasms in Children - Solid Tumors. Presented at Postgraduate Medical Education on Cancer, Stanford University School of Medicine, Stanford, CA, January 21, 1976 (Invited).
23. Neoplasms in Children - Osteogenic Sarcoma. Presented at Postgraduate Medical Education on Cancer, Stanford University School of Medicine, Stanford, CA, January 22, 1976 (Invited).
24. Treatment of Malignant Lymphomas. Presented at the Biology of Cancer Course, University of California at Irvine, Irvine, CA, 1976 (Invited).
25. Pediatric Hodgkin's Disease. Presented at Radiology Grand Rounds, University of California at San Francisco, CA, February 18, 1976 (Invited).
26. Radiation Therapy: What is it? How does it Work? How is it Administered? How Effective is it? Presented at the Biology of Cancer Course, University of California at Berkeley, Berkeley, CA, April 27, 1976 (Invited).

27. Current Concepts of Multi-Modality Treatment of Childhood Cancer - Radiotherapy and Chemotherapy. Presented at the 38th Annual Meeting, California Society of Radiologic Technologists, Fresno, CA, May 12, 1976 (Invited).
28. Radiation Therapy and the Care of Pediatric Hodgkin's Disease and Retinoblastoma. Presented at the Tumor Registrars Association of California, Annual Meeting and Symposium on Multidisciplinary Approaches in Childhood Malignancies, San Francisco, CA, June 18, 1976 (Invited).
29. Endodermal Sinus Tumor - The Stanford Experience. Presented at International Society of Paediatric Oncology, Warsaw, Poland, September 24, 1976.
30. Considerations of Modern Oncologic Treatment on Reproductive Function. Presented at International Society of Paediatric Oncology, Warsaw, Poland, September 24, 1976.
31. Cancer and Nutrition. Presented to the San Jose - Peninsula District Dietetic Association, Palo Alto, CA, October 23, 1976 (Invited).
32. Diet and Nutrition as Related to Radiation and Chemotherapy. Presented at the Symposium on Nutrition and Cancer, sponsored by the Institute of Human Nutrition and the Cancer Research Center, Columbia University College of Physicians and Surgeons, New York, NY, November 18-19, 1976 (Invited).
33. Nutritional Consequences of Radiotherapy. Presented at Workshop Conference on Nutrition and Cancer Therapy, sponsored by the American Cancer Society and the National Cancer Institute, Key Biscayne, FL, November 29-December 1, 1976 (Invited).
34. Perspectives in Nutritional Research. Presented to Institute of Agriscience and Nutrition, Syntex Research, Palo Alto, CA, January 5, 1977 (Invited).
35. Infections in Children with Hodgkin's Disease - Relative Risks of Splenectomy, Radiotherapy and Chemotherapy. Presented at Grand Rounds, Yale University School of Medicine, New Haven, CT, January 11, 1977 (Invited).
36. Advances in Radiotherapy. Presented to Stanford Alumni, Annual Los Angeles Conference, Los Angeles, CA, February 27, 1977 (Invited).
37. Radiotherapeutic Considerations in Pediatric Oncology. Presented at the 5th Annual Day of Pediatrics, Mary Bridge Children's Health Center, Tacoma, WA, March 26, 1977 (Invited).
38. Treatment of Nephroblastoma and Neuroblastoma. Presented to the staff at Good Samaritan Hospital, San Jose, CA, April 6, 1977 (Invited).
39. Hodgkin's Disease in Children - Current Results and Concerns. Presented to Pediatric Oncology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD, April 12, 1977 (Invited).
40. Treatments for Cancer: New Therapies. Presented at the 1977 Progress in Medicine Lecture, Stanford University, Stanford, CA, May 23, 1977 (Invited).
41. Quality of Vision and Results of Radiotherapy in Retinoblastoma. Presented to the Ninth Annual Meeting of the International Society of Paediatric Oncology, Philadelphia, PA, September 22, 1977.
42. Infections in Children with Hodgkin's Disease. Presented at Washington University School of Medicine, St. Louis, MO, February 8, 1978 (Invited).

43. Solid Tumors in Children - Neuroblastoma, Rhabdomyosarcoma, Wilms' Tumor. Presented at Postgraduate Medical Education Program, Mills Memorial Hospital, San Mateo, CA, March 8, 1978 (Invited).
44. Nutritional Management of Cancer Patients During Therapy. Presented at Nutritional Aspects of Cancer Therapy Symposium, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, March 18, 1978 (Invited).
45. Childhood Cancer - Model for Progress. Radiotherapy - A Double Edged Sword. Presented to the Sixty-Fourth Annual Clinical Congress of American College of Surgeons, San Francisco, CA, October 11, 1978 (Invited).
46. Pediatric Hodgkin's Disease. Presented to the Pediatric Oncology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD, March 22, 1979 (Invited).
47. Combination Radiation-Adriamycin Therapy: Renoprival Growth, Functional and Structural Effects in the Immature Mouse. Presented to the 6th International Congress of Radiation Research, Tokyo, Japan, May 17, 1979.
48. Content, Faculty and Development of Cancer Nutrition Education Programs at the Undergraduate Level. Chairperson for Workshop on Physician Education in Cancer Nutrition, Working Group II, National Cancer Institute, National Institutes of Health, Bethesda, MD, June 4-5, 1979.
49. Evaluation of Radiotherapy Sequelae. Presented at the XIth Congress of the International Society of Pediatric Oncology, Lisbon, Portugal, September 21, 1979 (Invited).
50. Sequelae and Rehabilitation. Presented at the International Course of Pediatric Oncology, Espinho, Portugal, September 24, 1979 (Invited).
51. Cancer in Children - Rhabdomyosarcoma. Postgraduate Course, Children's Hospital at Stanford, Stanford, CA, October 6, 1979 (Invited).
52. Cancer in Children - Retinoblastoma. Postgraduate Course, Children's Hospital at Stanford, Stanford, CA, October 6, 1979 (Invited).
53. Hodgkin's Disease - A Focus on the Future. Presented at the 24th Annual Clinical Conference on the Status of the Curability of Childhood Cancers, Houston, TX, November 8-9, 1979 (Invited).
54. A Focus on the Future in Pediatric Hodgkin's Disease. Presented at the Joint Center for Radiation Therapy, Harvard Medical School, Boston, MA, November 27, 1979 (Invited).
55. Pediatric Hodgkin's Disease. Presented at Symposium on Pediatric Radiotherapy, City of Hope-USC, Duarte, CA, March 31, 1980 (Invited).
56. Retinoblastoma. Presented at Symposium on Pediatric Radiotherapy, City of Hope-USC, Duarte, CA, March 31, 1980 (Invited).
57. What is the Best Timing and Sequence for Chemotherapy, Surgery, and Radiation Therapy in Ewing's Sarcoma? Presented at Children's Cancer Research Institute Third Annual Conference, Unresolved Questions in Oncology, San Francisco, CA, October 17, 1980 (Invited).
58. What is the Relative Role of Radiation Therapy, Surgery, and Chemotherapy in Neuroblastoma? Presented at Children's Cancer Research Institute Third Annual Conference, Unresolved Questions in Oncology, San Francisco, CA, October 17, 1980 (Invited).
59. Pediatric Hodgkin's Disease. Presented at the University of Texas Health Science Center and Children's Medical Center, Dallas, TX, October 23, 1980 (Invited).

60. Pediatric Hodgkin's Disease. Presented at Postgraduate Medical Education Course on Blood Diseases and Cancer in Children, Children's Hospital at Stanford, Stanford, CA, November 7, 1980 (Invited).
61. A Survey of Pediatric Hodgkin's Disease at Stanford: Results of Therapy and Quality of Survival. Presented at Third Annual Bristol-Myers Symposium on Cancer Research, Advances in Malignant Lymphomas: Etiology, Immunology, Pathology, Treatment, Stanford University School of Medicine, Stanford, CA, November 20-21, 1980 (Invited).
62. Radiation Therapy of Retinoblastoma at Stanford. Presented at the Diagnosis and Management of Retinal and Choroidal Diseases, Stanford, CA, February 16, 1981 (Invited).
63. Hodgkin's Disease - Treatment with Low Dose Radiation and Chemotherapy. Presented at the Sixteenth Annual San Francisco Cancer Symposium, Childhood Cancer: Triumph Over Tragedy, San Francisco, CA, March 31, 1981 (Invited).
64. Pediatric Oncology: Hodgkin's Disease, Wilms' Tumor and Rhabdomyosarcoma. Presented at Cancer Day, Eugene, OR, May 8-9, 1981 (Invited).
65. Complications of Treatment of Hodgkin's Disease in Children. Presented at the Symposium on Contemporary Issues in Hodgkin's Disease: Biology, Staging, and Treatment, San Francisco, CA, September 9-12, 1981 (Invited).
66. Current Status of Hodgkin's Disease in Children. Presented at Postgraduate Course on Blood Diseases and Cancer in Children, Children's Hospital at Stanford, Stanford, CA, October 11, 1981 (Invited).
67. Radiation Nephropathy - Protection by WR-2721 in the Growing Mouse Kidney. Presented to the American Society of Therapeutic Radiologists, 23rd Annual Scientific Meeting, Miami Beach, FL, October 15, 1981.
68. Advances in Pediatric Oncology. Presented at Continuing Medical Education Clinical Conference, Mt. Diablo Hospital Medical Center, Concord, CA, December 11, 1981 (Invited).
69. Normal Tissue Injury to the Growing Kidney - Effects of Radiation and Chemotherapy. Presented at Radiation Oncology Grand Rounds, University of California, San Francisco Medical School, San Francisco, CA, December 17, 1981 (Invited).
70. Pediatric Tumors. Telephone Consultant for Department of Radiation Therapy, The Oregon Health Sciences University, January 14, 1982 (Invited).
71. Twenty Years of Research and Progress in the Treatment of Hodgkin's Disease. Pediatric Hodgkin's Disease, Stanford University, Stanford, CA, May 8, 1982 (Invited).
72. The Ophthalmopathy of Graves' Disease. Presented at Department of Radiotherapy Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, June 23, 1982 (Invited).
73. Aspects to Consider in the Management of Children with Hodgkin's Disease. Presented at Children's Hospital of Milwaukee, Milwaukee, WI, June 25, 1982 (Invited).
74. Patterns of Failure in Childhood Solid Tumors - Wilms' Tumor, Neuroblastoma, Rhabdomyosarcoma. Presented at Workshop, Patterns of Failure after Cancer Treatment, Milwaukee, WI, September 3, 1982 (Invited).
75. Childhood Cancer: Late Consequences of Treatment Sequelae of Radiation and Chemotherapy. Presented at 13th International Cancer Congress, Seattle, WA, September 11, 1982 (Invited).
76. Brachytherapy in the Management of Children and Adolescents with Solid Tumors. Presented at the International Society of Pediatric Oncology, Bern, Switzerland, September 24, 1982.

77. Orbital Irradiation in the Treatment of Graves' Ophthalmopathy - Results in 141 Consecutive Patients. Presented at the American Society of Therapeutic Radiologists 24th Annual Scientific Meeting, Orlando, FL, October 28, 1982.
78. Pediatric Malignancies: Soft Tissue Sarcoma and Wilms' Tumor. Presented at the 17th Annual Vail Midwinter Cancer Seminar, Vail, CO, January 12, 1983 (Invited).
79. Pediatric Malignancies: Long-Term Effects on Children from Cancer Treatment. Presented at the 17th Annual Vail Midwinter Cancer Seminar, Vail, CO, January 13, 1983 (Invited).
80. Adult Soft Tissue Sarcoma. Presented at the 17th Annual Vail Midwinter Cancer Seminar, Vail, CO, January 14, 1983 (Invited).
81. Treatment of Graves' Ophthalmopathy with Orbital Irradiation. Presented at the 3rd Annual Current Approaches to Radiation Oncology, Biology, and Physics, University of California, San Francisco, CA, March 11, 1983 (Invited).
82. Childhood Hodgkin's Disease - The Stanford Experience. Presented at the Surgical Educational Committee, Pediatric Oncology Group, Clearwater Beach, FL, March 7, 1983 (Invited).
83. Pediatric Hodgkin's Disease - Concerns and Controversies Regarding Management. Presented at Grand Rounds, Cardinal Glennon Memorial Hospital for Children, St. Louis, MO, May 11, 1983 (Invited).
84. Radiotherapy for the Practicing Ophthalmologist. Presented at the Update on Basic Sciences for Clinical Ophthalmologists, San Francisco, CA, June 5, 1983 (Invited).
85. Childhood Hodgkin's Disease - Patterns of Relapse. Presented at the American Society of Therapeutic Radiologists 25th Annual Scientific Meeting, Los Angeles, CA, October 6, 1983 (Invited).
86. Hodgkin's Disease in Children. Presented at Radiation Oncology Grand Rounds, University of California, Los Angeles, CA, November 7, 1983 (Invited).
87. Special Problems in the Treatment of Hodgkin's Disease in the Young. Presented at Medical Grand Rounds, Rhode Island Hospital, Providence, RI, February 1, 1984 (Invited).
88. Aspects Unique to Pediatric Lymphomas. Presented at the University of California 4th Annual Conference on Current Approaches to Radiation Oncology, Biology and Physics, San Francisco, CA, March 2, 1984 (Invited).
89. Radiotherapy of Hodgkin's Disease: Dose Response and Patterns of Relapse. Presented at the Plenary Session, Pediatric Oncology Group Meeting, Clearwater, FL, April 2, 1984 (Invited).
90. Current Problems in the Management of Childhood Hodgkin's Disease. Presented at the University of Iowa Department of Radiology, Iowa City, IA, May 24, 1984 (Invited).
91. Hodgkin's Disease - the Disease Process. Presented at the Childhood Cancer Conference, Peninsula Medical Center, Burlingame, CA, June 7, 1984 (Invited).
92. The Value of Adjuvant Chemotherapy in the Management of Sarcomas in Children. Presented at the American Cancer Society National Conference - Radiation Oncology - 1984, San Francisco, CA, June 15, 1984 (Invited).
93. Patterns of Relapse in Pediatric Hodgkin's Disease. Presented at the 16th Annual Congress of the International Society of Pediatric Oncology, Barcelona, Spain, September 20, 1984 (Invited).
94. Pediatric Rhabdomyosarcoma. Panel. Presented at The American Society of Therapeutic Radiology and Oncology, Washington DC, October 8, 1984 (Invited).

95. What's New in Radiation Therapy for Cancer. Presented at "What's New in Cancer Therapy" Seminar for American Cancer Society, Vallejo, CA, October 27, 1984 (Invited).
96. Hodgkin's and Non-Hodgkin's Lymphomas: Management and Therapy. Presented at the Society For Pediatric Radiology, Boston, MA, April 18, 1985 (Invited).
97. Long-Term Results in Pediatric Hodgkin's Disease - Treatment with MOPP and Low Dose Radiotherapy. Presented at American Society of Clinical Oncology, Houston, TX, May 20, 1985.
98. Effects of Radiation and Radiation Dosimetry. Presented at a workshop on Possible Genetic Effects in the Offspring of Surviving Cancer Patients, Oslo, Norway, May 5-7, 1985 (Invited).
99. Late Effects of Cancer Therapy, as Apply to a Lymphoma Population. Presented at Hahnemann University, Philadelphia, PA, July 22, 1985 (Invited).
100. Late Effects of Treatment in Pediatric Hodgkin's Disease. Presented at Montreal General Hospital, Montreal, Quebec, Canada, August 26, 1985 (Invited).
101. Problems and Controversies in Hodgkin's Disease. Presented at Centro Oncologico, Trento, Italy, September 30, 1985 (Invited).
102. Technical and Practical Considerations in the Radiotherapy of Children. Presented at the West Coast Cancer Foundation, San Francisco, CA, March 1, 1986 (Invited).
103. Pediatric Hodgkin's Disease in America. Presented at a Workshop at Institut Gustave-Roussy, Villejuif, France, March 6, 1986 (Invited).
104. Hodgkin's Disease in Children. Presented at Johns Hopkins Hospital, Baltimore, MD, October 9, 1986 (Invited).
105. What is the Role of Involved Field Radiation Among Children with Localized Non-Hodgkin's Lymphoma? Presented at The American Society for Therapeutic Radiology and Oncology, Los Angeles, CA, November 6, 1986.
106. The Correlation Between Clinical Staging Studies and Laparotomy Findings Among Patients with Hodgkin's Disease. Presented at a Pediatric Hodgkin's Disease Workshop at Institut Gustave-Roussy, Villejuif, France, November 20, 1986 (Invited).
107. A Topographic Coding System for Children with Cancer. Presented at a Rhabdomyosarcoma Workshop, Institut Gustave-Roussy, Villejuif, France, November 25, 1986 (Invited).
108. Challenges with Hodgkin's Disease in Children. Presented at the Pediatric Grand Rounds, Memorial Sloan-Kettering Hospital, New York, NY, February 12, 1987 (Invited).
109. Pediatric Radiotherapy. Presented at Pediatric Grand Rounds, Santa Teresa Kaiser Hospital, San Jose, CA, February 26, 1987 (Invited).
110. Hodgkin's Disease in Children. Presented at Radiation Oncology Grand Rounds, University of California, San Francisco, CA, March 6, 1987 (Invited).
111. Pediatric Lymphomas - Biology and Treatment. Presented at The American Society of Hematology, San Francisco, CA, December 6, 1986 (Invited).
112. Challenges and Controversies Regarding Management of Children with Hodgkin's Disease. Presented at Memorial Sloan-Kettering Cancer Center, New York, NY, February 12, 1987 (Invited).
113. Past and Present - Hodgkin's Disease in Children. Presented at University of California, San Francisco, CA, March 6, 1987 (Invited).

114. Controversies in Pediatric Hodgkin's Disease. Presented at University of Utah, Salt Lake City, UT, May 5, 1987 (Invited).
115. A Philosophical Approach to Pediatric Radiotherapy. Presented at University of Utah, Salt Lake City, UT, May 6, 1987 (Invited).
116. Rhabdomyosarcoma. Presented at University of Utah, Salt Lake City, UT, May 6, 1987 (Invited).
117. Continual Progress in the Management of Children with Hodgkin's Disease Using Combined Modality Therapy. Presented at Lymphoma Conference, Lugano, Switzerland, June 11, 1987.
118. Controversies in Pediatric Hodgkin's Disease. Presented at The Royal Marsden Hospital, Sutton, Surrey, England, June 25, 1987 (Invited).
119. Effects of Treatment in the Pediatric Patient. Presented at the 23rd Annual San Francisco Cancer Symposium on Radiation Effects on Normal Tissues: Clinical Tolerance Levels. San Francisco, CA, March 4, 1988 (Invited).
120. Childhood Cancers-What Makes Them Curable? Presented at the Thirty-Sixth Annual meeting of the Radiation Research Society, Philadelphia, PA, April 18, 1988 (Invited).
121. A 21st Century Look at Rhabdomyosarcoma. The Lucy Wortham James Clinical Research Award. Presented to the Society of Surgical Oncology and Society of Head and Neck Surgeons, New Orleans, LA, May 23, 1988 (Invited).
122. Growth Abnormalities Associated with Radiation in Children with Hodgkin's Disease. Presented at the 1988 annual meeting of the American Society of Clinical Oncology, New Orleans, LA, May 24, 1988 (Preferred).
123. Pediatric Hodgkin's Disease. Presented to the Radiation Oncology Center, Northwestern Memorial Hospital, Chicago, IL, June 23, 1988 (Invited).
124. Is There Still a Place for Staging Laparotomy in Hodgkin's Disease. International Society of Pediatric Oncology, Prague, Czechoslovakia, September 19, 1989 (Invited).
125. The Pediatric Oncology Group (POG) Experience in Ewing's Sarcoma of Bone. International Society of Pediatric Oncology, Prague, Czechoslovakia, September 20, 1989 (Preferred).
126. Treatment of Orbital Lymphoid Tumors with Electron Beams. Presented at the 25th Annual San Francisco Cancer Symposium on Electron Beam Therapy, San Francisco, CA, February 10, 1990 (Invited).
127. Pediatric Hodgkin's Disease. Presented to the University of Pennsylvania, Department of Radiation Oncology, Philadelphia, PA, March 14-15, 1990 (Invited).
128. Effects of Irradiation on Skeletal Growth and Development. Presented at the International Conference on Complications of Treatment of Children and Adolescents for Cancer, Buffalo, NY, June 22, 1990 (Invited).
129. Retinoblastoma: Radiation Therapy Techniques and Results. Presented at the Radiation Therapy Workshop, XXII Meeting of the International Society of Pediatric Oncology, Rome, Italy, October 1, 1990 (Invited).
130. The Pendulum Swings: Pediatric Hodgkin's Disease. Presented at the Riley Children's Hospital, Indianapolis, IN, June 12, 1991 (Invited).
131. Recertification. Presented to ACR/CARROS, Washington, DC, November 3, 1991 (Invited).

132. Pediatric Hodgkin's Disease. Presented at the Twelfth Annual Current Approaches to Radiation Oncology, Biology, and Physics. UCSF, San Francisco, CA, March 12, 1992 (Invited).
133. The Treatment of Children with Hodgkin's Disease. The Edward A. Langdon Lecture. UCLA, Los Angeles, CA, May 8, 1992 (Invited).
134. Hodgkin's Disease in Children. The Institute for Systemic Radiation Therapy, Robert Wood Johnson Medical School, Camden, NJ, May 18, 1992 (Invited).
135. Rhabdomyosarcoma - A Glimpse Into the Future. Presented at Pediatric Grand Rounds. University of Louisville, Louisville, KY, June 5, 1992 (Invited).
136. Lessons We Learn From Our Children. Presented at the American Society for Therapeutic Radiology and Oncology (Presidential Address), San Diego, CA, November 9, 1992.
137. Pediatric Hodgkin's Disease and Late Effects. Presented at the University of Florida, Gainesville, FL, March 8, 1993 (Invited).
138. Rhabdomyosarcoma. Presented at the Bone Conference, University of Florida, Gainesville, FL, March 8, 1993 (Invited).
139. Graves' Ophthalmopathy. Presented at the University of Florida, Gainesville, FL, March 9, 1993 (Invited).
140. The Late Effects and Consequences of Hodgkin's Disease in Children. Presented at Meet the Professor session, American Society of Clinical Oncology, Orlando, FL, May 17-18, 1993 (Invited).
141. Stop, Look, and Listen - Late Effects of Treatment in Hodgkin's Disease. Presented to the 1993 Canadian Association of Radiation Oncologists (CARO), Royal College of Physicians and Surgeons of Canada, Vancouver B.C., September 19, 1993 (Invited).
142. The History of the Contributions of Women to American Radiotherapy. Presented to the 1993 ASTRO Meeting, New Orleans, LA, October 13, 1993 (Invited).
143. Graves' Ophthalmopathy. Presented to the Medical Staff at O'Connor Hospital, San Jose, CA, December 14, 1993 (Invited).
144. Pediatric Hodgkin's Disease - Chemotherapy and Reduced Dose Radiotherapy. Presented at the University of California School of Medicine, Department of Radiation Oncology annual symposium, San Francisco, CA, March 3, 1994 (Invited).
145. Stop, Look, and Listen - Late Effects of Treatment. The 1994 Franz Buschke lecture, University of California School of Medicine, San Francisco, CA, March 3, 1994 (Invited).
146. Late Effects in Hodgkin's Disease - The Stanford Experience of 30 Years. Presented at Late Effects in Cancer Survivors Educational Symposium, American Society of Clinical Oncology, Dallas, TX, May 14-15, 1994 (Invited).
147. Pediatric Hodgkin's Disease - Management and Current Status. Presented at the Pediatric Radiation Oncology Conference. St. Luke's Hospital of Kansas City; Kansas City, MO, May 20, 1994 (Invited).
148. Pediatric Rhabdomyosarcoma - Management and Update of the Intergroup Rhabdomyosarcoma Studies. Presented at the Pediatric Radiation Oncology Conference. St. Luke's Hospital of Kansas City, Kansas City, MO, May 20, 1994 (Invited).
149. Rhabdomyosarcoma - A Review and Update. Presented to the Radiation Oncology division, Mayo Clinic, Rochester, MN, August 2, 1994 (Invited).

150. The Stanford 30 Year Experience in Late Effects of Hodgkin's Disease. Presented at the Mayo Clinic, Rochester, MN, August 2, 1994 (Invited).
151. A Hyperfractionated Radiation Protocol to Improve Local Control without Increasing Late Effects in Childhood Rhabdomyosarcoma. Presented at the International Society of Pediatric Oncology, Paris, France, September 24, 1994 (Preferred).
152. Late Effects of Treatment as seen in Survivors of Hodgkin's Disease. Presented at the European Society for Therapeutic Radiology and Oncology, Granada, Spain, September 27, 1994 (Invited).
153. Is Hyperfractionated Radiation plus Chemotherapy Feasible and Tolerable in Children with Rhabdomyosarcoma? Presented at the American Society for Therapeutic Radiology and Oncology, San Francisco, CA, October 6, 1994 (Proffered - plenary session).
154. Aktuelle Probleme der Pädiatrischen Onkologie. Presented at the Alpbacher Seminar für Radio-Onkologie, Alpbach/Tirol, Austria, January 27, 1995 (Invited).
155. Late Effects in Hodgkin's Disease Survivors. Presented at the 13th Annual Conference on Clinical Hematology and Oncology: 1995, Scripps Clinic and Research Foundation, February 21, 1995 (Invited).
156. Listen to the Children. Presented to the 46th Annual Royal Australasian College of Radiologists, Melbourne, Australia, October 23, 1995 (Invited).
157. Late Effects Following Treatment of Hodgkin's Disease. Meet the Professor at American Society of Clinical Oncology, Washington, DC, November 11, 1995 (Invited).
158. Listen to the Children. The Myron Karon Memorial Lecture, Los Angeles, CA, November 17, 1995 (Invited).
159. Rhabdomyosarcoma. New Perspectives. Presented at the Children's Hospital of Los Angeles, Los Angeles, CA, November 17, 1995 (Invited).
160. Organ Preservation in Rhabdomyosarcoma. Fact or Fiction. Presented as the Radiation Oncology Oration. Radiological Society of North America, Chicago, IL, November 29, 1995 (Invited).
161. The History of Women in Radiation Oncology. Presented at Orientation of Entering Class 1996. Stanford University School of Medicine, September 10, 1996 (Invited).
162. Listen to the Children. Lessons from Cancer. Presented as the First Annual Robert C. Storrs Lecture in Pediatrics. Dartmouth-Hitchcock Medical Center, Hanover, NH, September 17, 1996 (Invited).
163. Pediatric Hodgkin's Disease: Management and Challenges. Presented as Grand Rounds. Dartmouth-Hitchcock Medical Center, Hanover, NH, September 18, 1996 (Invited).
164. How to Succeed in Radiology Organizations if You Really Try. Refresher Course #417. Presented at the Radiological Society of North America, Chicago, IL, December 3, 1996 (Invited).
165. Case-based Ethics Rounds: "Telling The Truth". Refresher Course #616. Presented at the Radiological Society of North America, Chicago, IL, December 5, 1996 (Invited).
166. Cancer Genetics and Clinical Research: Lessons from Pediatric Oncology. Presented as the Distinguished Women in Medicine and Science lecture. Northwestern University Medical School, Chicago, IL, March 18, 1997 (Invited).

167. Qualities and Characteristics of Outstanding Women in Medicine. Presented at Northwestern University Medical School, Chicago, IL, March 19, 1997 (Invited).
168. You Can Have It All. Presented at the University of California, Davis, School of Medicine, 25th Anniversary Celebration, Davis, CA, April 11, 1997 (Invited).
169. Rhabdomyosarcoma. Refresher Course. Presented at the Radiological Society of North America, Chicago, IL, December 3, 1998.
170. Hodgkin's Disease. Finding the Balance Between Cure and Late Effects. Presented as the Janeway Lecture, American Radium Society, Hawaii, April 19, 1999 (Invited).
171. Conformal Therapy in Pediatric Tumors. Presented in the Symposium on Conformal Therapy at ESTRO, Vienna, Austria, September 14, 1999 (Invited).
172. A Tribute to Al Knudson. Presented at ASPH/O at the Awards Ceremony for the Distinguished Career Award, Montreal, Canada, September 17, 1999 (Invited).
173. Rhabdomyosarcoma in Children: Experience from The IRSG. Presented at The UCSF/Stanford 19th annual symposium, San Francisco, CA, March 15, 2000 (Invited).
174. Results from the IRS IV Randomized Trial of Hyperfractionated Radiation in Children with Rhabdomyosarcoma. Presented to the American Society for Therapeutic Radiology and Oncology, Boston, MA, October 24, 2000 (Proffered).
175. Hodgkin's Disease in Children – Up, Up, and Beyond. Presented as the 25th annual Gold Medal lecture, Memphis, TN, May 17, 2001.
176. Pediatric Brain Tumors. Presented at Onco-Diagnosis Panel Radiological Society of North America annual meeting, November 28, 2001 (Invited).
177. Hodgkin's Disease in Children: Perspectives and Progress. Presented as the 13th annual W.W. Sutow lecture, Houston, TX, March 14, 2002 (Invited).
178. Pediatric Hodgkin's Disease – The Challenge Continues. Presented as the 11th annual Mark Nesbit lecture, Minneapolis, MN, May 10, 2002 (Invited).
179. Marie Curie and You. Presented to the American Association of Women Radiologists at ASTRO, New Orleans, LA, October 6, 2002 (Invited).
180. Influence of Radiation Therapy Parameters on Outcome in Children Treated for Parameningeal Rhabdomyosarcoma in the Intergroup Rhabdomyosarcoma Group Trials. Presented at the American Society for Therapeutic Radiology and Oncology, New Orleans, LA, October 9, 2002 (Invited).
181. Ewing's Sarcoma: Radiotherapy Dose and Target Volume. Presented at the 1st International Congress of Pediatric Radiation Therapy, Lyon, France, June 20, 2003 (Invited).
182. The German Multinational GPOH-HD 95 Trial: Treatment Results and Analysis of Failures in Pediatric Hodgkin's Disease Using Combination Chemotherapy With and Without Radiation. Discussant, Plenary Session, 46th Annual Meeting of the American Society for Therapeutic Radiology and Oncology, Atlanta, Georgia, October 5, 2004 (invited).
183. Perspectives on Pediatric Hodgkin's Disease – Progress and Issues. Presented as the 4th Ira J. Spiro Memorial Lecture. Massachusetts General Hospital, Boston, MA, May 3, 2005. (Invited).

184. The Influence of Radiation Therapy in Parameningeal Rhabdomyosarcoma. Presented at the German Pediatric Oncology Society Meeting. Stuttgart, Germany, June 14, 2005. (Invited).
185. Pediatric Soft Tissue Sarcoma-Dose, Volume, and Timing of Radiotherapy for Local Tumor Control. Presented at SMS 2005, Stuttgart, Germany, June 15, 2005. (Invited).
186. Life is All About What's Next. Presented to AAWR/ASTRO, Denver, CO, October 17, 2005. (invited).
187. End Results of a Clinical Trial Using VAMP chemotherapy and Low-Dose, Involved Field Radiation Therapy for Children with Favorable Early Stage Hodgkin's Disease. Presented to the American Society of Therapeutic Radiology and Oncology, Denver, CO, October 17, 2005. (proffered).
188. Soft Tissue Sarcomas—Insights Derived from Rhabdomyosarcoma. Presented as the Morton M. Kligerman lecturer, Philadelphia, PA, March 1, 2006. (Invited).
189. Lessons Learned About the Local Control Issues and Radiation Therapy in the Management of Childhood Rhabdomyosarcoma. Presented at the American Society of Pediatric Hematology/Oncology Meeting, San Francisco, CA, April 30, 2006. (Invited).
190. Radiation Oncology in Pediatrics: An Expanded Future. Read at the International Society of Pediatric Oncology (SIOP) meeting by Patrick Thomas, M.D., Geneva Switzerland, September 19, 2006. (Invited).
191. Hodgkin's Disease in Very Young Children. Presented at the Children's Oncology Group. Los Angeles, CA, October 5, 2006. (Invited).
192. Refining the Role of Radiation Therapy: Lessons Learned from the Children. Presented at the American Society of Clinical Oncology as 2007 Pediatric Oncology Lecture. Chicago, IL, June 2, 2007. (Invited).
193. Pathways to Leadership. Presented as part of an AAWR at ASTRO, Los Angeles, October 28, 2007. (Invited).
194. Tumor Control and Functional Outcome After Radiotherapy in Rhabdomyosarcoma. Presented at the PROS/SIOP (Pediatric Radiation Oncology Society /International Society of Pediatric Oncology) meeting, Berlin, Germany, October 4, 2008. (Invited).
195. Sparkling Treasures Glimmering in a Crystal Ball: Promoting Innovation in Education, Research, and Patient Care. Presented as the Inaugural 2009 PROS lecture. Montreal Canada, July 1, 2009. (Invited).
196. Pediatric Soft Tissue Sarcoma – Insights From Rhabdomyosarcoma. Presented at the Department of Radiation Oncology Grand Rounds. Memorial Sloan-Kettering Cancer Center, New York, November 18, 2009. (Invited).
197. Rhabdomyosarcoma-Lessons for the Radiation Oncologist. Presented at the Department of Radiation Oncology, John H. Wineman Lecture, University of Michigan, Ann Arbor, Michigan, May 13, 2010. (Invited).

198. Radiation Therapy Trials in Pediatric Malignancies. Presented at the Fourth Comprehensive Cancer Research Training Program (CCRTP) at Stanford University. Menlo Park, CA, September 15, 2010.
199. Pathways to Leadership. Lessons From Peggy. Presented at the American Association for Women in Radiology (AAWR) Luncheon, ASTRO, San Diego, CA, Nov 1, 2010.
200. Lessons in Radiation Therapy From the Clinical Trials in Pediatric Sarcoma Management. Presented as the Vaeth Distinguished Lecture, UCSF Radiation Oncology Update: Perspective on New Technologies, Clinical Findings and Safety, San Francisco, CA, April 1, 2011.
201. Greetings from RSNA. Presented at the President's Symposium. 2011 Joint AAPM/COMP Meeting, Vancouver BC, August 1, 2011.
202. An Overview of the RSNA Strategic Plan. American College of Radiology Intersociety Conference, Sundance, UT, August 13, 2011.
203. Culture Trumps Strategy. Leadership Educational Course. Radiological Society of North America, Chicago, IL, December 1, 2011.
204. New and Upcoming Techniques in Interventional Radiology in Oncology. American Society of Clinical Oncology (ASCO)/Radiology Society of North America (RSNA) Joint Session, Chicago, IL, June 2, 2012.
205. Pediatric Clinical Trials for Hodgkin's Disease. A Tribute to Saul A. Rosenberg. Presented at A Celebration of Success in the Treatment of Hodgkin's Disease. Stanford University, Stanford California, July 13, 2012. (Invited).
206. Learning from the Big and Little People – A Story of Pediatric Hodgkin's Lymphoma. Presented at Medical Grand Rounds. Stanford University, Stanford California, February 6, 2013. (Invited).
207. Special Remarks. Welcoming Address. Canadian Association of Radiology, Montreal Canada, April 25, 2013. (Invited).
208. Outreach and Advocacy for Patient –Centered Care: A Report From the RSNA. Presented at the Stakeholders Session, Canadian Association of Radiology Board, Montreal Canada, April 25, 2013. (Invited).
209. Greetings from RSNA. Presented at the President's Symposium, AAPM Meeting, Indianapolis, IN, August 5, 2013.
210. Greetings from RSNA President. Presented at the Opening Session. RANZCR, Auckland, NZ, October 18, 2013.
211. Pediatric Rhabdomyosarcoma – One Disease or Several? Lessons for the Radiation Oncologist. Presented at Radiation Oncology Symposium RANZCR. Auckland, NZ, October 19, 2013. (Invited).
212. The Power of Partnerships. RSNA Presidential Address. Presented at Opening Ceremony, Radiological Society of North America Annual Meeting, Chicago, IL, December 1, 2013.

213. Pediatric Hodgkin's Lymphoma. Presented to the Stanford Medical School Cancer Biology 242 Course- The Scientific Basis of Clinical Cancer Therapy. May 8, 2014. (Invited).
214. A Historical glimpse of Hodgkin's Disease and The IGR-Stanford Connection. Presented at the 3ème Colloque International des anciens du département de Radiothérapie. Gustave Roussy, Villejuif, France, October 15, 2014. (Invited).
215. Radiotherapy of Lymphoma in Children; The past, the present, the future. Pediatric Hodgkin Lymphoma. Presented at Journées Françaises de Radiologie (JFR). Paris, France, October 17, 2014. (Invited)
216. Win-Win Collaborations of Radiology and Radiation Oncology-RSNA Perspective. Presented at the Presidential Session, American Association for Women Radiologists (AAWR), Chicago, IL, December 1, 2014. (Invited).
217. Pediatric Rhabdomyosarcoma- One Disease or Several? Presented as The Ho Hung Chiu Foundation Lecture, Hong Kong, March 13, 2015. (Invited).
218. Pediatric Hodgkin Lymphoma- The past, the present, the future. Presented to The Ho Hung Chiu Foundation Commissioned Training Program, Hong Kong, March 14, 2015. (Invited).
219. Wilms' Tumor (Nephroblastoma)- The North American approach. Presented to The Ho Hung Chiu Foundation Commissioned Training Program, Hong Kong, March 14, 2015. (Invited)
220. Pediatric Hodgkin's Lymphoma. Presented to the Stanford Medical School Cancer Biology 242 Course- The Scientific Basis of Clinical Cancer Therapy. May 7, 2015. (Invited).

BOOKS

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2. Order SE and Donaldson SS: Radiation Therapy of Benign Diseases. A Clinical Guide. 2nd revised edition. Springer-Verlag, Berlin, 1998.

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3. Fletcher WS, Roger AL, and Donaldson SS: The Use of the Goat as an Experimental Animal. Lab Anim Care 14:64-91, 1964.
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