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Education

1955	B.S.	Yale University
1958	M.D.	Harvard Medical School

Postdoctoral Training

1958-1959	Intern in Medicine, Bronx Municipal Hospital Center
1959-1960	Assistant Resident in Medicine, Bronx Municipal Hospital Center
1960-1961	Resident in Medicine, Bronx Municipal Hospital Center
1961-1962	Chief Resident in Medicine, Bronx Municipal Hospital Center
1962-1964	Clinical Assistant in Arthritis and Rheumatism,, Walter Reed Army Medical Center, Walter Reed Army Institute of Research, (Division of Immunochemistry, Dr. EL Becker)
1964-1967	Fellow, Helen Hay Whitney Foundation at The Rockefeller University (Dr. Henry Kunkel)

Licensure and Certification

1959	National Board of Medicine
1967	American Board of Internal Medicine
1976	American Board of Allergy and Clinical Immunology
1986	Diagnostic Laboratory Immunology Medical License in Massachusetts

Academic Appointments

1961-1962	Clinical Instructor in Medicine, Albert Einstein College of Medicine
1964-1967	Visiting Associate in Medicine, Albert Einstein College of Medicine
1967-1969	Associate in Medicine, Harvard Medical School
1969-1972	Assistant Professor of Medicine, Harvard Medical School
1972-1978	Associate Professor of Medicine, Harvard Medical School
1983-1986	Clinical Associate Professor in Medical Laboratory Sciences, College of Pharmacy and Allied Health Professions Northeastern University
1973-	Tutor in Medicine, Harvard College
1978-	Professor of Medicine, Harvard Medical School

Hospital Appointments

1964-1967	Assistant Physician, The Rockefeller University Hospital
1964-1967	Assistant Attending Physician, Bronx Municipal Hospital Center
1967-1981	Physician, Robert B. Brigham Hospital
1967-1970	Associate in Medicine, Peter Bent Brigham Hospital
1970-1981	Medical Director, Clinical Laboratory, Robert B. Brigham Hospital
1971-1981	Senior Associate in Medicine, Peter Bent Brigham Hospital
1980-	Senior Physician in Medicine, Brigham and Women's Hospital
1980-	Rheumatologist and Immunologist, Brigham and Women's Hospital
1994-1997	Member of the Scientific Advisory Committee, Brigham and Women's Hospital
1980-	Director, Lupus Clinic, Brigham and Women's Hospital
1980-	Medical Director, Clinical Immunology Lab, Brigham and Women's Hospital

Other Professional Positions and Major Visiting Appointments

1973-1992	Consulting Staff, Cambridge City Hospital, Cambridge, MA
1973-1981	Consulting Staff, Boston Hospital for Women, Boston, MA
1973-	Consulting Staff, Beth Israel Hospital, Boston, MA
1973-	Consulting Staff, New England Baptist Hospital, Boston, MA

Hospital & Health Care Organization Service Responsibility

1980-	Senior Physician, Brigham and Women's Hospital
1980-	Attending on Medicine, Brigham and Women's Hospital
1980-	Consult in Rheumatology, Brigham and Women's Hospital

Major Administrative Responsibilities

1980-	Medical Director, Clinical Immunology Lab, Brigham and Women's Hospital
1968-1980	Director Clinical Lab, Robert Bent Brigham Hospital
1979-1986	Chairman, Brigham and Women's Hospital Lab Committee
1990-1995	Editor, Arthritis & Rheumatism
1995-	Editor, UpToDate in Rheumatology

MAJOR COMMITTEES

Harvard Medical School Committees

1979-1982	Senior Faculty Fellowships Committee
1970-1985	Admissions Committee
1981-1982	Evaluation Pathophysiology Course Committee, Chairman
1978-	Ad Hoc Committees on Promotions
1978-	Professors Committee
1978-	Ad hoc Committees on Scientific Fraud
1998-	Committee for Membership and Faculty Issues

Harvard School of Public Health Committees

1979-1986	Committee for Health Sciences Computing Facility

Robert B. Brigham Hospital

1968-1981	Utilization Committee
1968-1981	Education Committee
1968-1981	Chairman, Laboratory and Transfusion Committee
1975-1977	Chairman, Safety Committee
1975-1977	President, Medical Staff

Brigham and Women's Hospital

1978-1984	Medical By-Laws Committee
1979-1984	Public Advisory Committee
1979-1985	Continuing Medical Education Committee
1980-1993	Utilization Committee
1980-1986	Patient Care Committee
1985-1992	AIDS Action
1981-1994	Quality Assurance and Risk Management
1987- 1998	Credentials
1979-	Laboratory Committee (Chairman 1979-1986)
1998-	Steering Committee, Arthritis Center
1997-2004	General Research Center
2001-	IRB
1999-	Computer Records
2002-2004	Latex committee

Other

1975-	Scientific Advisory Committee, The Center for Blood Research, Boston, MA
1975-1978	Chairman, General Publication Committee, American Rheumatism Association
1975-1977	Committee on Clinical Immunology, AAI
1976-1977	President, New England Rheumatism Society
1977-1978	NIH Study Section on Arthritis Centers
1977-1980	FASEB-Public Information Committee
1979-1980	Chairman, FASEB Public Information Committee
1978-1982	Immunology Study Section, Veteran's Administration
1975-	NIH Special Study Sections
1975-	Arthritis Society, Canada-External Reviewer
1970-	AF/ARA/ACR - Abstract Review Committee-Chair meetings
1982	IOM Committee on Marijuana
1997-	ACR Committee on SLE, NP-SLE, ANA Standardization
2000	IOM Committee on Gulf War and Health

2002	ACR Committee on SLE Treatment Outcomes

Professional Societies

The American Society for Clinical Investigation
Fellow, American College of Physicians
American Association of Immunologists
American Federation of Clinical Research
American Rheumatism Association/American College of Rheumatology
Massachusetts Medical Society
New England Rheumatism Society
The New York Academy of Sciences
Association of American Physicians
Clinical Immunology Society
Kunkel Society
Association of Medical Laboratory Immunologists

Community Service

1975-1998	Chairman, Medical Advisory Board of Massachusetts Lupus Foundation
1975-	Board of Directors, Massachusetts Lupus Foundation (President 1988-92)
1977-1989	Board of Directors, LE Foundation of America
1975-1978	Board of Directors, (National) Arthritis Foundation
1974-1994	Scientific Committee, Massachusetts Arthritis Foundation
1979-1983	Fellowship Committee, Arthritis Foundation
2013-	Cambridge MA Conservation Historic Commission--Commissioner

Editorial Boards

1970-1975	Associate Editor, Blood
1976-1982,	Editorial Board, Arthritis and Rheumatism
1985-1989	Editorial Board, Arthritis and Rheumatism
1978-1982	Associate Editor, Journal of Immunology
1976-1995	Editorial Board, Clinical Immunology and Immunopathology
1977-1993	Editorial Board, Journal of Clinical and Laboratory Immunology
1978-	Editorial Board, Immunologica Clinica
1989-	Advisory Board, Resident and Staff Physician
1980-	Associate Editor, Lupus News,
1986-1995	Editorial Board Medicine International
1990-1995	Editor, Arthritis and Rheumatism
1994-	Editorial Board, Clinical & Diagnostic Laboratory Immunology
1994-	Advisory Board, Japanese Journal of Rheumatology
1995-	Lupus World, Associate Editor
1993-	Lupus - Editorial Board
1997-2006	Editorial Board, Clinical and Experimental Rheumatology
1995-	Editor, UpToDate in Rheumatology

Ad Hoc Reviewer

Allergy and Asthma Proceedings
American Journal of Epidemiology
American Journal of Hematology
Am J Kidney Diseases
Annals of the Rheumatic Diseases
Arthritis & Rheumatism
Arthritis Care & Research

Arthritis Research & Therapy
Clinical & Experimental Rheumatology
Clinical Chemistry
Dutch Arthritis Assoc
Future Medicine
Human Immunology
Journal of Autoimmunity
Journal of Rheumatology
Lupus
Nephron
New England Journal of Medicine
Rheumatology
Scandanavian Journal of Rheumatology
Seminars Arthritis & Rheumatism
University Grants Committee (Hong Kong)

Honors

1988	Honorary Professor-Universidad del Norte (Columbia)
1970-	Visiting Professorships at over 50 Medical Schools (USA & International)
1987	Lupus Foundation, President's Award
1964-1967	Helen Hay Whitney Fellow
1996	Lupus Foundation, Henrietta Aladjem Achievement Award
1998	Masters Award, ACR
1998	Medal, Univ of Caracas
1978	Distinguished Service Award - AF
1990	American Lupus Society - Hall of Fame
1998	IRS – Training
1998-2001	BWH Physicians Ranked as America's Best
2000	Fellow AAAS

Part II. Research, Teaching, and Clinical Contributions

A. Narrative Report

Research

My research since 1967 has focused on the immunology and genetics of lupus and related diseases. These studies defined the role of complement in lupus, and related diseases; the role of immune complexes in lupus and related diseases; the role of different autoantibodies in lupus and related diseases; and defining the genes that predispose people to develop lupus and related diseases.

Teaching

I ran the Clinical Immunology course for PBBH HO rotating through the RBBH from 1967 till 1980. Subsequently this became the nucleus for the monthly HMS Clinical Immunology course which I have run since (1 student/month—12 months/year). I have been attending on Medicine at the BWH since 1980 (although not every year) and been a consultant for Rheumatology at BWH since 1980. I have taught at post-graduate courses/meetings and been a grand rounds speaker in Rheumatology/Immunology throughout the world since 1967—at least four times a year. Clinically I have run the lupus clinic, first at the RBBH (1967-1980), and then at the BWH Arthritis Center since 1980. It has grown from 1 session/week to 5 sessions/week. In 2010 Dr Vleugels (Dermatology) created the monthly HMS course on Lupus (1 student/monthly—held monthly)

B. Funding

Research Grants

1967-1988	PI	NIH PHS: Rheumatic Diseases: Immune Complexes & Immunogenetics
1970-1994	PI	NIH PHS: CRU
1970-1985	PI	Peabody PHS: Juvenile arthritis
1970-1980	PI	Arthritis Foundation: PHS: Juvenile Arthritis Center
1980 –2002	PI	Lupus Foundation PHS: Various studies on lupus, complement, genetics
1993-1998	PI	NIH PHS: Immune response to silicone

C. Current Research

Genetics of Lupus—with Pat Fraser
Immune response to beta2-glycoprotein I and to prothrombin—PI
Autoantibodies to SAA, CRP, TNF--PI
Cognitive defects in patients with SLE—co-PI with S. Khoshbin (Neurology)

D. Teaching

1. Local

a. HMS

1977	8 lectures to medical students on rheumatology/immunology
1978	25 lectures to med students on rheumatology/immunology
1979	13 lectures to med students on rheumatology/immunology
1980	8 lectures to med students on rheumatology/immunology
1980 to present	Clinical Immunology—a monthly course; given each month; average 6 students/year
4-2006	1 lecture to HMS II on SLE (Human Systems: Pathophysiology Course)
4-2007	1 lecture to HMS II on SLE (Human Systems: Pathophysiology Course)
10-2007	1 lecture to HMS II on SLE (Human Systems: Pathophysiology Course)
4-2008	1 lecture to HMS II on SLE (Human Systems: Pathophysiology Course)

11-2008 1 lecture to HMS II on SLE (Human Systems: Pathophysiology Course)

b. Graduate Medical Course

1967 to present : annual lectures in RBBH/BWH course : Advances in Rheumatology—preparation time a few hours—contact time a few hours. Many many courses at CME/GME courses around the world since 1967. I have listed below some of the ones I could retrieve from my files:

2-28-77:	Systemic Lupus—NYU Grad Course10-10-80: Immunology & its relation to Lupus—BC School of nursing
5-17-77:	Systemic Lupus—Washington Med Ctr—Wash DC
5-27-77:	Systemic Lupus—Univ N Carol
6-4-77:	Systemic Lupus—Detroit, Michigan Arth Assoc
10-18-77:	SLE—Rheum Grad Course, HMS
10-27-77:	SLE—BC School of nursing
11-3-77:	Serologic testing—Am Soc Med Tech—Hartford
11-20-77:	Immunogenetics & Renal Dis—Am Soc Nephrol
11-30-77:	Immune Complex Diseases—NY Medical College
12-15-77:	SLE—MGH Grad Course
2-27-78:	Complement—Am Acad Allergy—Phoenix
5-11-78:	SLE—Texas Med Assoc
5-15-78:	Rheumatic Diseases: Clin & Basic aspects—ACP course, Boston
5-24-78:	Rheumatic disease & pregnancy—Boston Hosp for women
1-19-79:	Immunol and genetic Mech Rheum Dis —Univ Michigan
1-13-79:	Rheum Dis & Preg: HMS OB & Gyn
4-14-80:	SLE—Newton Well School Nursing
5-19-80:	Autoimmune dis—Mass Assoc Blood Banks
10-22-80:	Immunologically mediated lung disease—HMS: Chest Disease 1980
6-7-81:	SLE—Hahnemann Med Coll
10-15-81:	Complement & Immune complexes—St Lukes/Roosevelt Hosp Ctr--NYC
10-22-81:	Lab Eval Rheum Dis—Postgrad Med Instit Boston
10-27-81:	SLE—Washington Med Ctr—Wsh DC
1-22-82:	SLE: ACP
3-4-82:	Rheum Dis and pregnancy—HMS Ob & Gyn
3-5-82:	SLE—HMS Nursing
5-11-82:	Genetics of Rheum Dis—ACP
1-19-83:	ANA—St John Hosp, Detroit
3-12-83:	Pulse steroids—New England Derm Soc
10-19-83:	SLE—Lahey Clinic
10-28-83:	SLE—Univ S Calif
11-7-83:	Medical Lab Immunol—Univ S Florida
12-2-83:	Autoimmunity—NE Section Am Assoc Clin Chem
5-7-84:	SLE—ACP
7-20-84:	SLE—Univ Tenn
3-26-86:	SLE—HMS "Update Arthritis"
10-22-86:	ANA/SLE—St John Hosp, Detroit
3-18-89:	SLE: ILAR, Rio de Janiero, Brazil
11-2-89:	Rx Chr Arth—Scleroderma—Univ Buffalo, NY
5-23-91:	Immunogenetics SLE; Rx SLE—Scand Rheum Soc; Sweden
4-10-92:	Immunogenetics SLE—Intl LE, London
11-17-21-95:	Immunogenetics SLE; Rx SLE: SE Asia Immunol & Rheum; Taipei
9-14-99:	Anticardiolipin Ab: European LE; Pisa, Italy

5-3-97: SLE—S Carol Rheum
6-18-97: CNS SLE—Chicago Rheum
9-12-97: Immunogenetics SLE—Caracas Venez
10-6-97: SLE—HMS Adv Rheum
12-7-97: SLE—LFA/AF Course on Rheum
4-98: NeuroLupus: Intl LE Meeting, Cancun
10-99: Advances in Rheumatology—Boston
10-25-98: SLE—New Hampshire LFA
11-6-98: Autoimmunity—Am Coll Allergy
11-6-98: Chronic Fatigue—Am Coll Allergy
2-99: NeuroLupus: European Lupus: Vienna
10-99: Advances in Rheumatology—Boston
3-2001 Genetics of Lupus—Intl LE Barcelona
4-2001 Autoimmune testing—Orlando
10-2001 SLE—University Hosp, Cleveland
7-2002: Anti-prothrombin antibodies—Intl Soc Thrombosis and Haemostasis
5-2004 Lupus in the Future—Intl Lupus, New York City
3-2005: Lupus Nephritis: Euro Lupus--London
4-2005: Nijmegen, Netherlands: Anti-CCP
5-2007: SLE—Amer Acad Physician Asst, Philadelphia
11-07: Lupus Nephritis—BWH Rheumatology International Invitees, Boston
11-07: Arthritis and GI Disease—Annual ACR meeting, Boston
4-2008: Boston MA: Clinical Immunology Soc—School in Systemic Autoimmune Diseases
4-2009 Boston MA: Clinical Immunology Soc—School in Systemic Autoimmune Diseases
2-26-2010 BWH/HMS International Symposium on Rheumatic Diseases: SLE
6-25-2010 SLE in the 3rd World—Intl Lupus meeting Vancouver
4-2011 Boston MA: Clinical Immunology Soc—School in Systemic Autoimmune Diseases

c. "Local Invited Presentations"

1967-to present: I have given grand rounds at RBBH, PBBH, BI, NEDH, NEMC, MGH, University Hosp, Newton-Wellesley Hosp, St Elizabeth hospital—and other hospitals within 100 miles. In addition I have given grand rounds in hospitals around the country, often in conjunction with being a visiting professor. I average 2 grand rounds/year—the preparation time is a few hours—the contact time is 1+ hour. Below I have listed some of them that I was able to retrieve from my files:

1-11-77: Systemic Lupus—University Hosp Gd Rds, Boston
3-23-77: Systemic Lupus—Grd rds Deaconess Hosp, Boston
6-3-77: Systemic Lupus—St John's Hosp, Gd Rds
11-28-77: Immune Complexes in SLE—MGH Gd rds
12-1-77: Complement & Rheum Dis—Jacobi Hosp, Albert Einstein Coll Med—NYC
12-77: Immune complexes—St. John's Hosp, Lowell
4-6-78: Immune disease—Burbank Hosp, Fitchburg
6-2-78: Immunology—JB Thomas Hosp, Peabody
6-30-78: SLE—Salem Hosp
12-5-78: SLE—Cape Cod Hosp
3-23-79: SLE—Brockton Hosp
5-15-79: SLE—Univ Conn Med Sch
12-11-79: Immune complexes—Roger Williams Hosp, Providence
2-18-80: Genetics of Rheum Dis, U Mass Worcester
4-5-80: Complement—Beverly Hosp
5-6-80: SLE—Nashoba Comm Hosp
9-23-80: Immunopathology & Immunogenetics SLE--Tufts
10-14-80: Immune complex disease and the Complement system—Framingham Union Hosp

10-17-80: Immune Complexes—St John's Hospital, Lowell
1-15-81: Immune Complexes: Boston VA
1-28-81: Psoriatic arth: E Orange NJ VA
5-15-81: Immune complexes—Boston VA
3-28-84: SLE—University Hosp (Derm Gd Rds), Boston
3-15-88: SLE—Cochin Hospital, Paris
5-21-88: Immunogenetics of complement—NIH, Bethesda
10-6-98: Lab Tests—Complement—Portland Ore
1-12-89: SLE—Roger Williams Hosp, Providence
2-3-89: AIDS—lecture to IRS, Boston
2-15-89: IgG subclasses: Hosp Spec Surg, NYC
10-5-89: Genetics of Lupus—Jefferson Med Sch, Philadelphia
1-19-89: Genetics SLE and New Rx RA—State Univ NY, Syracuse
1-18-90: Genetics SLE—Univ Penn
1-30-90: SLE—Good Morning America
2-15-90: SLE: Mt Auburn Hosp
4-19-90: SLE—St Lukes Hosp, NYC
9-18-90: SLE—Wsh Med Ctr, Wash DC
11-14-90: LE: Plymouth Hosp
11-15-90: SLE—Albert Einstein Coll Med , NYC, Gd Rds
1-26-91: SLE—N Engl Derm Soc
3-22-92: SLE: Spaulding Rehab Hosp
5-8-91: SLE Univ Md
5-10-91: SLE: Malden Hosp
6-10-91: Rx LE: Loyola, Chicago
2-21-92: SLE Gd Rds Univ Vt, Burlington
3-4-92: Genetics of SLE: St Lukes Chicago
6-12-92: Complement & Lupus: Providence RI
9-9-92: Psoriatic Arth—St Lukes Hosp, NYC
10-3-92: SLE, Phoenix
10-24-92: SLE: Harrisburg PA
11-12-92: SLE: Baltimore
2-12-93: SLE: Goddard Meml Hosp, MASS
3-18-93: Genetics LE—Metrorheum of Atlanta
3-22-93: SLE—Bowman Gray Med Sch
4-27-93: Genetics SLE; E Orange VA, NJ
4-28-93: SLE:Beth Israel Hosp, Newark NJ
5-13-93: SLE—Thom Jefferson Hosp, Phila
5-20-93: Ps Arth: Great Baltimore Med Ctr
10-28-93: SLE—Louisville KY
11-15-93: SLE & Pregnancy—So Shore Hosp, MASS
12-3-93: SLE, Bogota, Columbia
1-26-94: SLE: Amarillo TX
2-16-94: Spondyloarthropathies: St Joseph Hosp, Baltimore
12-19-95: Genetics SLE: Mass Eye & Ear
3-6-96: SLE: Mass Eye & Ear
4-10-96: Lab Tests & SLE: N Shore Hosp
4-27-96: Sjogren's: U Mass Med Ctr
1-31-97: CNS lupus—Roger Williams Hosp, Providence
10-9-97: ANA—Clin Path, BWH
10-18-97: CNS-LE: Chicago Rheum
1-29-98: Psoriatic Arth—Mt Sinai Hosp, Baltimore
4-28-98: Neurolupus: Cochin Hospital, Paris
10-25-98: SLE: NH LFA

12-9-98:	Lupus Nephritis: N Shore LFA
4-13-99:	Lupus nephritis: Worcester LFA
4-21-99:	SLE: Springfield LFA
10-18-99:	Update on SLE—Boston VA—Gd Rounds
1-5-2000:	SLE in the new Millenium—West Roxbury VA Gd Rds
3-4-2000:	SLE—Friend's Health Connection; New Brunswick, NJ
5-24-02:	SLE—Tobey Hospital Gd Rds
3-2-06:	Anti-CCP: Rheum Gd Rds NEMC
3-17-06	SLE—teleconf to Bermuda
11-8-08	Connective Tissue Disease—to "Women of Courage"—Boston MA
12-4-08	SLE genetics—Faulkner Hospital, Medical Grand Rounds
2-16-2010	Interpretation Rheumtology Tests to BWH House Staff
4-4-2013:	Autoimmunity to Weston Council on Aging
4-18-2013:	Autoimmune Lab testing to Clin Path Residen ts BWH
9-11-13:	Autoimmune Lab testing to Clin Path Residen ts BWH

d. CME Courses

Since 1967 I have participated in many CME courses in addition to the one mentioned above under "b". I teach at about 2 CME courses per year. The preparation time is a few hours—the contact time is usually 1-3 days.

e. Advisory/Supervisory Capacity

From 1967 till the present I have had 1-3 postdoctoral fellows in my research lab who I supervised—this has taken up a few hundred hours/year.

From 1970 till 1980 I supervised all the technicians in the RBBH Clinical Lab—this took a few hundred hours/year.

From 1980 till the present I have supervised the (5-8) technicians in the BWH Clinical Immunology Lab—this has taken a few hundred hours/year.

From 1980 till the present I have supervised students, HO, and fellows in the BWH Arthritis Center—this has taken a few hundred hours/year.

f. Teaching/Leadership Role

g. Trainees

Melvin C. Britton	7/67-6/69	Clin Prof Med, Stanford Univ Med School; Chairman Dept Med, Palo Alto Med Clin, Palto,CA
Sargent, Austin	7/68-6/99	Dept Medicine, Saskatoon, Canada
Edmund J. Lewis	2/68-2/70	Prof Med, Rush Med Coll, Dir Nephrology, Rush Presbyterian St Luke's Med Ctr, Chicago, IL
Alejandro E. Franco	7/69-6/70	Physician, Teacher's Hosp, Auxilio Mutuo Hosp, Doctor's Hosp, Hato Rey, Puerto Rico
Richard S. Panush	7/69-6/71	Prof & Vice Chairman, Dept Med, Robert Wood Johnson Med Sch; Chairman Dept Med. St. Barnabas Medical Ctr. Livingston, NJ
Elliot Alpert	7/67-7/71	Prof & Chairman Dept Med, Jewish Gen Hosp

		Montreal, Canada
Nicholas Bianco	7/69-6/72	Dir, WHO Collaborative Ctr in Clin Immunol; Prof, Central Univ Sch Med; Dir Venezuelan Clin Immunol Natl Ctr, Caracas, Venezuela
Jean M. Jackson	7/70-6/72	Instructor Med, HMS & Rheumatologist, Brigham and Women's Hospital, Boston
Carolyn Bell	7/72-6/73	Assoc Prof Med, Univ of Wisconsin, Univ of Wisconsin Hosps & Clinics, Madison, WI
Hyman Tannenbaum	7/72-6/74	Prof Med, McGill Univ Med Sch; Sr Phys & Dir, Rheumatic Dis Ctr, Montreal, Quebec, Canada
Louis Simchowitz	7/72-6/75	Prof Med, Univ Washington Sch Med, Acting Chief, Rheumatol Div, Barnes Hosp, St. Louis, MO
David Gibson	7/73-6/75	Clin Prof Med, Univ So CA; Santa Barbara Cottage Santa Barbara Cottage Hospital, CA
Melvin E. Medof	7/73-6/75	Prof Pathol, Case Western Reserve Sch Med, Cleveland, OH
David N. Glass	7/74-6/76	Prof Med, Univ Cincinnati & Children's Hospital, Med Ctr, Clincinnati, OH
Fred Hochberg	7/74-10/75	Assoc Prof Med (Neurol) MGH
Donald Raum	7/75-6/77	Last known position: Asst Prof Med, HMS &BIH, Boston
Gary Kammer	7/75-6/77	Prof Int Med, Chairman Rheumatol Sect, Bowman-Gray Sch Med, Winston-Salem, NC
Richard Brodman	7/76-6/78	Clin Assoc Prof Med, Robt Wood Johnson Med Sch, Assoc Attending, Muhlenberg Hosp, NJ
Patricia Fraser	7/77-6/79	Asst. Prof. Med. HMS &BWH Dir of Res in Pediatric Arthritis, BWH
William Lloyd,	7/78-6/80	Private practice, Marblehead, MA
Susan Hoch	7/78-6/81	Assoc Prof Pediatrics/Med, Hahneman Univ, Phil, PA
David E. Phillips	7/80-6/81	Staff Radiologist, Bay Medical Ctr, Bay City, MI
Roger B. Eaton	2/81-6/87	SUNY, Buffalo, 1981 Scientist, New Engl Regional Newborn Screening Program, State Lab Institute, Boston
Graciella Schneider Weissman	3/81-2/83	Univ Venezuella, 1974 Career change for child care

Ellen Munves	7/81-7/83	Asst Prof Med, Hahneman Med Sch, Philadelphia, PA
Bernard Weill	7/81-7/82	Director Clinical Immunol Lab, Cochin Hospital, Paris
Rafael R. Valle	7/82-6/85	Univer Nacional de Colombia, Bogota, 1977 Dir, Clin Immunol/Rheumatol, Military Hosp, Bogota, Colombia
Zdenka Fronek	7/83-6/85	Univ Rochester Sch Med, 1980; Asst Clin Prof Med UCSD; Rheumatologist, Sharp Rees-Stealy Med Group, San Diego, CA
Robert Jandl	7/83-1/87	Univ Vermont Sch Med, 1979 Active Staff, North Adams Regional Hosp, N Adams, MA; SW VT Med Ctr, Bennington, VT
May Chatila	7/85-4/87	Amer Univ of Beirut, Lebanon, 1983, Instructor in Med, Div Rheumatol, Wash Univ, St. Louis, MO
David W. Wong	10/85-5/87	Natl Defense Med Ctr, Taipei, China, 1975 Clin Assoc Prof, Natl Yang Ming Med Sch; Attending Phys, Div Clin Immunol/Rheumatol, Veterans Genl Hosp, Taichung, Taiwan, ROC
Heller, Caren	1985	?
Boswell, Jacqueline	1986-87	CRC Harrow, England
Lawrence Uhteg	7/86-6/87	Univ Chicago, Pritzker Sch Med, 1980; Principal Scientist, Instrumentation Labs, Lexington, MA
Jacques Tebib	11/87-11/88	Lyon 1, Lyon, France, 1984; Asst Dir, Rheumatology, Lyon Hospital, Lyon, France
Deh-Ming Chang	5/88-4/90	Natl Defense Med Sch, Taiwan, 1981; Chief, Medicine, Tri-Service Gen Hosp, Natl Defense Med Ctr, Taipei, Taiwan
Epaminondas de Mendonca Neto	3/89-2/91	Univ de Pernambuco, Brazil, 1979 Physician, med Coll of Sao Paulo, Brazil
Ashok Kumar	6/89-6/90	A.M. Univ, Aligarh, India, 1986; Scientific Officer, Bhabha Atomic Fund, Res Ctr, Bombay, India
Priti Kumar	12/89-7/93	A.M. Univ, Aligarh, India, 1982, Scientific Officer, Bhabha Atomic Fund, Res Ctr, Bombay, India

Since the 1970's I give lectures to the new Rheumatology fellows on SLE and Interpretation of Rheumatology Lab tests

2. Regional, National, International Contributions

a. Invited Presentations

See above.

b. Leadership Role

3. Teaching Awards

4. Major Curriculum Offerings

I run the HMS Clinical Immunology Course—offered monthly since the 1980's

I corun (with Dr Ruth Ann Vleugels—BWH/Dermatology) the HMS Course on Lupus since 2010

E. Clinical Activities

1. Clinical practice

Director Lupus clinic RBBH 1967-1980—see primarily patients with lupus and related disorders—1x/week

Director Lupus clinic BWH 1980 to present—see primarily patients with lupus and related diseases—initially 1x/week and now 5x/week

2. Patient load

Initially about 5 patients/week; now 25-35/week. Patients often have multisystem complicated disease. See many patients in consultation, because of the complexity of their symptoms and signs and lab tests.

3. Clinical contributions

Better evaluation of patients with lupus and related diseases, particularly the role of lab tests in evaluating the degree of activity of the disease, and response to therapy.

4. Other

See above. I have received numerous invitations to participate in regional, national and international meetings and grand rounds, been a visiting professor at over 25 institutions around the USA (and world), and have been honored by the ACR and LFA and AF for my contributions.

I was selected to be the editor of Arthritis and Rheumatism, the official journal of the ACR, and served in that capacity from 1990-1995. I have also been on the editorial board of many other journals, and continue to review for many journals (about 1x/week).

I am currently the editor of UPTODATE in Rheumatology, a CD-ROM and web based textbook of medicine. In essence I have put together a new textbook of rheumatology, where subscribers get an updated version (actually of a whole textbook of medicine) every 4 months. I contribute articles, solicit articles, update articles, and editorially review each (Rheumatology/Immunology/Allergy) article. This venture has been named as an official educational project by the ACR.

I attend on medicine 2-4 weeks/year since the 1990s

I am a consultant for the Rheumatology Service for BWH inpatients since 1980 for 2-4 weeks/year

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52. Cardiac manifestations of systemic lupus erythematosus

53. Clinical manifestations and diagnosis of Behcet's disease

54. Clinical manifestations and diagnosis of the antiphospholipid antibody syndrome

55. Cutaneous manifestations of systemic lupus erythematosus

56. Diagnostic approach to the neuropsychiatric manifestations of systemic lupus erythematosus

57. Drug-induced lupus

58. Epidemiology and pathogenesis of systemic lupus erythematosus

59. Evaluation and medical management of end-stage rheumatoid arthritis

60. Gastrointestinal manifestations of systemic lupus erythematosus

61. General symptomatology and diagnosis of systemic lupus erythematosus

62. Hematologic manifestations of systemic lupus erythematosus

63. Menstrual function; menopause; and oral contraceptives in women with systemic lupus erythematosus

64. Musculoskeletal manifestations of systemic lupus erythematosus

65. Neurologic manifestations of systemic lupus erythematosus

66. Overview of the management of rheumatoid arthritis

67. Overview of the therapy and prognosis of systemic lupus erythematosus

68. Pathogenesis of Behcet's disease

69. Pathogenesis of the antiphospholipid antibody syndrome

70. Pregnancy in women with systemic lupus erythematosus

71. Prognosis and therapy of the antiphospholipid antibody syndrome

72. Psychiatric manifestations of systemic lupus erythematosus

73. Pulmonary manifestations of systemic lupus erythematosus

74. Treatment of Behcet's disease

75. Treatment of early and active rheumatoid arthritis-I

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Clinical Communications

Multiple articles written for patients with Lupus, for the Lupus Foundation of America. These are both pamphlets handed out to patients as well as articles for their newsletter.

Educational Material

Material for CME Courses (e.g. Advances in Rheumatology, etc.).

Thesis

None.

Nonprint materials

None.

Patents

None.

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