

University of California San Francisco
CURRICULUM VITAE – 4/1/10

Name: Philip E. LeBoit, M.D.
Position: Professor of Clinical Pathology
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EDUCATION:

1971-75	Sarah Lawrence College, Bronxville, NY	A.B.
1975-7	Albany Medical College, Albany NY	M.D.
1979-81	University of California, San Francisco	Resident in Pathology
1981-82	Mt. Sinai School of Medicine, New York	Resident in Pathology
(7-12/82)	New York University, NY	Fellow in Dermatopathology
(1-6/83)	Cornell University Medical Center, NY	Fellow in Dermatopathology
	Santa Clara Valley Medical Center, San Jose, CA	Resident in Laboratory Medicine
1984-85	University of California, San Francisco	Resident in Laboratory Medicine

LICENSES, CERTIFICATION:

1980	Medical License, California
1981	Medical License, New York
2007	Medical License, Alaska
2008	Medical License, New Hampshire
	Medical License, Idaho
2009	Medical License, Tennessee
	Medical License, Illinois
	Medical License, Montana
1983	Certified (Anatomic Pathology), American Board of Pathology; Certified (Dermatopathology), American Boards of Pathology and Dermatology
1986	Certified (Clinical Pathology), American Board of Pathology
2003	DEA certification

PRINCIPAL POSITIONS HELD:

1985-86	University of California, San Francisco	Clinical Instructor, Pathology
1986-91	University of California, San Francisco	Assistant Clinical Professor, Pathology
1991-97	University of California, San Francisco	Assoc Professor, Clinical Pathology
1997-now	University of California, San Francisco	Professor, Clinical Pathology

OTHER POSITIONS HELD CONCURRENTLY:

1983-91	S.F. Veterans Administration Med. Ctr.	Attending Physician, Pathology, (Consultant Dermatopathologist)
1984-85	University of California, San Francisco	Clinical Instructor, Dermatology
1986-1991	University of California, San Francisco	Assistant Clinical Professor, Dermatology
1987-90	Martinez Veteran's Administration Hospital	Attending Physician

Philip E. LeBoit, M.D.

1987-now	University of California, San Francisco	(Consultant Dermatopathologist)
1989-2009	University of California, San Francisco	Co-Director, UCSF Dermatopathology Service
		Director, Fellowship Training Program in Dermatopathology,
1989-90	University of California, San Francisco	Co-Director, Dermatopathology Section, Dept. of Pathology (with Dr. Richard Sagebiel)
1990-91	University of California, San Francisco	Medical Director, Histology Laboratory, Dept. of Pathology
1991-97	University of California, San Francisco	Assoc Professor, Clinical Dermatology
1997-now	University of California, San Francisco	Professor, Clinical Dermatology
2006-now	San Francisco General Hospital	Attending Physician (Consultant Dermatopathologist)

HONORS AND AWARDS: *[All inclusive, most recent last]*

1988	Certificate of Appreciation, Dept. of Medicine and Surgery, Veterans Administration Medical Center, Martinez, CA
1992	Honorable Mention, Distinguished Teaching Award, Academic Senate, UCSF
1997	Teacher of the Year Award, Department of Dermatology, UCSF
2002	Herman Pinkus Memorial Lecture Award, American Society of Dermatopathology
2003	9th Bernard Ackerman Lecture Award, International Society of Dermatopathology
2004	Founders' Award, The American Society of Dermatopathology

Honorary lectureships

1993	Dowling Oration, Australian Society of Dermatopathology
2002	Ackerman Lecture and Award, International Society of Dermatopathology
2002	Pinkus Lecture and Award, American Society of Dermatopathology
2004	Jorge Sanchez Lecture, Ibero-American Society of Dermatopathology
2006	Phil Vogt Memorial Lecture, Univ. of California, Davis
2008	Geoffrey Hunter Oration, Australasian Society of Dermatopathology

KEYWORDS/AREAS OF INTEREST:

Cutaneous lymphomas and lymphocytic infiltrates; immunophenotyping and genotyping; molecular cytometry; Spitz nevi and malignant melanoma; competitive genomic hybridization and fluorescence in situ hybridization; nephrogenic fibrosing dermopathy, nephrogenic systemic fibrosis

PROFESSIONAL ACTIVITIES

CLINICAL

Co-Director, UCSF Dermatopathology Service, UCSF: My colleagues and I sign out 60-80 specimens/week from the Dermatology Clinic at UCSF, and 1800 cases/week from outside UCSF. We also consult at San Francisco General Hospital and at the San Francisco VA hospital weekly, on rotation..

We present (or supervise presentation by the dermatopathology fellow) all pathology for the UCSF Dermatology Department staff conferences (1 hr/wk).

SUMMARY OF CLINICAL ACTIVITIES

My main clinical activity is skin biopsy interpretation, both of specimens sent directly to our laboratory and of slides sent in consultation. These include biopsy specimens from UCSF physicians, but are mostly from community dermatologists and slides from community dermatologists, pathologists and dermatopathologists, both in the United States and abroad. In the 2008-2009 academic year, I reported on approximately 32,000 cases of all types. I also founded, and co-direct the UCSF Dermatopathology Service, which is the clinical enterprise via which this extramural material reaches UCSF.

Among the 32,000 cases that I signed out last academic year are approximately 6,000 consultations. These come from Asia, Europe, Canada and South America, and include many third, fourth or fifth opinions. The sources of my consultations include the Karolinska Institute, Sweden, the Mayo Clinics in Scottsdale and Florida, Memorial Sloane-Kettering Cancer Center and many university-based Dermatopathology sections both here and abroad.

PROFESSIONAL ORGANIZATIONS

Memberships

1984-now	International Academy of Pathology
1984-now	American Society of Dermatopathology (Fellow)
1986-now	International Society of Dermatopathology
1987-now	Pacific Dermatologic Association
1989-now	American Society of Clinical Pathology (Fellow)
1991-now	California Society of Pathologists
1992-now	San Francisco Medical Society
1992-now	California Medical Association
1994-now	Fellow, College of American Pathologists
1995-now	International Society for Cutaneous Lymphoma
2004-now	American Academy of Dermatology

Service to Professional Organizations

1986-1994	International Society of Dermatopathology, Executive Committee
1986, '88, '89	Veteran's Administration Research Council, ad hoc referee
1987-1991	Member, Clinicopathologic Committee, Pacific Dermatologic Association
1988	Chairman, Clinicopathologic Committee, Pacific Dermatologic Association
1989-1992	Abstract Review Board, International Academy of Pathology
1991	Chair, Dermatopathology Proffered Papers, International Academy of Pathology, Boston (March 6)
1991-1994	Moderator, Dermatopathology Specialty Conference, International Academy of Pathology
1992	Member, Committee on Peer Review, American Society of Dermatopathology
1992	Assistant Section Secretary, Scientific Advisory Panel on Pathology, California Medical Association
1993-1994	Test Committee for Dermatopathology, American Boards of Pathology and Dermatology
1993-1994	Board of Directors, California Society of Pathologists
1995	Joint American Academy of Dermatology/Dermatopathology Liaison Committee
1995	American Society of Dermatopathology representative to Advisory Panel of the International Council on Dermatopathology
1995	Course Director, "Melanocytic Neoplasms: Avoiding Misdiagnosis and its Consequences", sponsored by California Pacific Medical Center
1996	Clinicopathologic Committee, Pacific Dermatologic Association
1998	Chair, Committee on Peer Review, American Society of Dermatopathology
1998	Clinicopathologic Committee, Pacific Dermatologic Association
1999	Abstract Review Board, Society for Investigative Dermatology National Meeting in 2000
2001-2002	Consultation Council, PathSource, Inc.
2002	The Doctor's Company
2003-now	Scientific Program Chair, International Society of Dermatopathology, companion meeting with American Academy of Dermatology
2004-2007	Secretary-Treasurer, International Society of Dermatopathology
2005-now	Mentor, Masters in Dermatology Program, American Academy of Dermatology
2006-now	TNM Expert Panel on Skin Cancer, International Union Against Cancer (UICC)
2007-now	President, International Society of Dermatopathology

SERVICE TO PROFESSIONAL PUBLICATIONS:

Editorial Boards:

1986-now	<i>American Journal of Dermatopathology</i> (Assoc. Ed. 1995-2007)
1987-1999	<i>Perspectives in Dermatology</i> (published by Sandoz Pharmaceuticals)

Updated 4/13/2010

1989-1996	<i>Journal of Cutaneous Pathology</i>
1989-1993	<i>Dermatology</i> (published by Sandoz Pharmaceuticals, formerly <i>Perspectives in Dermatology</i>)
1996	<i>Pathology Case Reviews</i>
1997-now	<i>American Journal of Surgical Pathology</i>
2000-now	<i>Skinnet.com</i>
2003-now	<i>Derm101.com</i>
2006-now	<i>Dermatopathology: Practical & Conceptual</i>
2007-now	<i>Esperienze Dermatologiche</i> (Dermatological Experiences) (<i>Comitato Scientifico Internazionale</i>)
2008-now	<i>Dermatology Research and Practice</i> (http://www.hindawi.com/journals/drp/)
2008-now	Advisory Board, <i>Faculty of Medicine 1000 Reports</i>

Editor:

1986	<i>Seminars in Dermatology, Dermatopathology, Part II</i> (vol. 5, no. 4)
1989	<i>Seminars in Dermatology, Advances in Dermatopathology</i> (vol. 8, no. 4)
1995-1996	Associate Editor, <i>American Journal of Dermatopathology</i>
1996-now	Editor, <i>Seminars in Cutaneous Medicine and Surgery</i> (formerly, <i>Seminars in Dermatology</i>)
1997-2007	Editor-in-Chief, <i>American Journal of Dermatopathology</i>
2008-now	Associate Editor, <i>Dermatopathology: Practical & Conceptual</i>

Ad hoc referee:

1985-1986	<i>American Journal of Dermatopathology</i>
1986,1992	<i>Archives of Pathology</i>
1987,1989	<i>American Journal of Pathology</i>
1987-1988	<i>Journal of Cutaneous Pathology</i>
1988,91,92,96	<i>Journal of Investigative Dermatology</i>
1988-2002	<i>Journal of the American Academy of Dermatology</i>
1988-2002	<i>Cancer</i>
1988-2001	<i>Archives of Dermatology</i>
1989	<i>Laboratory Medicine</i>
1989,1992	<i>New England Journal of Medicine</i>
1989,1992	<i>American Journal of Surgical Pathology</i>
1991	<i>Gastroenterology</i>
1991-1992	<i>Chest</i>
1991	<i>Journal of Infectious Disease</i>
1992	<i>Molecular Microbiology</i>
1993	<i>Microscopy Research and Technique</i>
1996	<i>American Journal of Clinical Pathology</i>

(I have not tracked ad hoc reviews since 1996)

INVITED PRESENTATIONS**INTERNATIONAL**

International Society of Dermatopathology: Oxford, UK 1988 (invited speaker); Las Vegas 1988 Charleston, S.C., 1989 (invited speaker); San Francisco, 1989 (invited speaker); Washington DC, 1989; Charleston, NC, 1989 (invited speaker); New Orleans, (invites speaker) 1991; Las Vegas 1992; Orlando, FL,1993 (invited speaker); 17th Colloquium, Sienna, Italy, 1993 (abstract); Washington DC, 1994; Zurich, Switzerland, 1996 (Expert panel); Orlando, FL, 1998 (invited speaker); Madrid, Spain 1998 (co-chair); New Orleans 1999 (expert panel), (moderator), (invited speaker); San Francisco, 2000; Graz, Austria (expert panel); Washington, DC, 2001 (invited speaker); New Orleans, 2002 (invited speaker); Berlin, Germany, 2002 (A Bernard Ackerman lecture); San Francisco, 2003 (course director); Washington, DC, 2004 (invited speaker), (expert panel); Lisbon, Portugal, 2004 (invited speaker, and meet the expert); New Orleans, LA, 2005 (invited speaker), (organizing committee member); San Francisco, CA, 2006 (Course Director x 2), (guest speaker); Malaga, Spain, 2006 (guest speaker) "Changes at the dermoepidermal junction are decisive for the diagnosis of interface dermatitis" IVth Meeting of the Iberian and Latin American Society of Dermatopathology, Malaga, Spain, Nov. 9, 2006; XXVII Symposium of the International Society of Dermatopathology, Malaga, Spain, Nov. 1,2006; 10th joint meeting of the International Society of Dermatopathology, Washington D.C., Jan. 31-Feb 1, 2007; XXVIII Symposium of the International Society of Dermatopathology, Paris, France, Nov 15-17, 2007; XXIX Symposium of the International Society of

Dermatopathology, Graz, Austria, Oct 3-4, 2009; 12th Joint meeting of the International Society of Dermatopathology, San Francisco, CA Mar 4-5, 2009; XXX Symposium of the International Society of Dermatopathology, Santiago, Chile Oct 28-31; 13th Joint Meeting of the International Society of Dermatopathology, Miami, FL Mar 3-4; Summer Meeting, International Society of Dermatopathology, Graz, Austria Jul 12-14

US-Canadian Academy of Pathology, San Francisco, 1989, 1991 (faculty)

18th World Congress of Dermatology, New York City, 1992

Australian Dermatopathology Society and Royal College of Pathologists of Australia, Perth, Western Australia, 1993 (invited speaker)

US-Canadian Academy of Pathology, New Orleans, 1993 (moderator); San Francisco, 1994; Denver, 2008 (invited speaker) Washington, DC, 2010 (invited speaker)

93rd Annual Meeting of the Japanese Dermatological Society, Fukuoka, Japan, 1994 (invited speaker)

Dermatohistopathology Course. Dermatologische Klinik und Poliklinik, Ludwig-Maximilians Universität München, Munich, Germany, 1994 (invited speaker)

An International Symposium about Clinical and Research Aspects of Dermatopathology, Jerusalem, Israel, 1994 (invited speaker)

British Society for Dermatopathology, Glasgow, UK, 1995 (invited speaker) St. Thomas' Hospital, London, Department of Pathology, UK, 1995 (invited speaker).

University Cattolica del Sacro Cuore, Facolta di Medicina e Chirurgia "Agostino Gemelli," Sixth Dermatopathology Self Assessment Workshop, Rome, Italy, 1995 (moderator); Seventh Dermatopathology Assessment Workshop, Rome, Italy, 1996

Vancouver BC, Canada, "Dermatology 2000", Canada, 1996

European Organization for Research and Treatment of Cancer, combined meeting of the histologic and clinical group, Munich, Germany, 1996 (expert panel)

4th World Conference on Melanoma, Sydney, Australia, 1997 (invited speaker)

International Society for Cutaneous Lymphoma, Sydney, Australia, 1997 (expert panel)

19th World Congress of Dermatology, Sydney, Australia, 1997 (invited speaker)

5th Giessen Dermatopathology Colloquium, Giessen, Germany, 1998 (invited speaker)

German Society of Dermatohistology and the Austrian Society of Dermatopathology, Self-Assessment Workshop-Discussion of Slides, Graz, Austria, May 16, 1998 (expert panel); May 16, 1998 (invited speaker)

19th Colloquium of the International Society of Dermatopathology, Madrid, Spain, 1998 (Co- chairman); (invited speaker); (expert panel)

Hospital Universitario de Brasilia, Brazil, 1999 (invited speaker)

XXII Brazilian Congress of Pathology, Curitiba, Brazil, 1999 (invited speaker); (CPC moderator)

Sixth European Dermatopathology Ski Retreat, Vars, France, 1999 (invited speaker)

German Society of Dermatopathology, Wurzburg, Germany, 2001 (invited speaker)

III Congreso Sociedad Ibero-Latinoamericana de Dermatopatología Meeting, Lima, Peru, 2004 (Jorge Sanchez lecture)

XXIII Annual Meeting of Southern Latin American Dermatologists (XXIII RADLA), Lima, Peru, 2004 (Key note speaker).

Catalan Society of Dermatology, Barcelona, Spain, 2004 (CPC, invited speaker)

11th Sapporo Seminar on Dermatopathology: Dermatopathology and Dermatopathologists in the world in 2004; Tokyo and Sapporo, Japan, 2004 (invited speaker)

3rd Summer Academy of Dermatopathology, University of Graz, Austria, 2005 (CPC moderator, invited speaker)

Dermatopathology Seminary in Strasbourg, "*Seminaire d'histopathologie cutanee de Strasbourg*", Strasbourg, Austria, 2006 (invited speaker)

XXVI Congress of the International Academy of Pathology, Montreal, Quebec, Canada, 2006 (moderator, invited speaker, slide seminar)

IVth Meeting of the Iberian and Latin American Society of Dermatopathology, Malaga, Spain, 2006 (invited speaker)

15th Colloquium of the German Society of Dermatopathology (ADH), Freiburg, Germany, 2007 (invited speaker)

1st International Meeting of Dermatology, Madrid, Spain, 2007 (invited speaker)

XXIII Congreso de la Sociedad Española de Anatomía Patológica, Tarragona, Spain, 2007 (invited speaker)

21st World Congress of Dermatology, "Global dermatology for a globalized world", Buenos Aires, Argentina, 2007 (invited speaker, Chair, Advanced Dermatopathology Course)

XXXI Nordic Congress of Dermatovenereology, Reykjavik, Iceland 2008 (invited speaker, Chair, Self Assessment in Dermatopathology Course and Tutorials for Self Assessment in Dermatopathology Course)

IX Curso de Dermatopatología, Servicios de Dermatología y Anatomía Patológica Hospital Universitario de San Juan, Alicante, Spain 2008 (invited speaker)

Australasian Society 29th Annual Conference Melbourne, Australia, 2008 (invited speaker.)

XXX ISDP Symposium, Santiago de Chile, 2009 (invited speaker)

22nd European Congress of Pathology, Florence, Italy, 2009 (invited speaker)

NATIONAL

American Society of Dermatopathology: Las Vegas, 1985 (invited speaker); New Orleans, 1986 (invited speaker); (expert panel); San Antonio, TX, 1987 (course director); Washington, DC 1988 (invited speaker); San Francisco, 1989 (invited speaker); Atlanta, GA, 1990 (faculty self-assessment course); Chicago, 1991 (invited speaker); Dallas, Tx, 1991 (invited speaker); New Orleans, 1993 (invited speaker); Orlando, FL, 1993 (faculty); New Orleans, 1995 (course director); San Francisco, 1997 (invited speaker); Denver, 1998 (invited speaker); La Jolla, CA, 1999 (invited speaker); Baltimore, 2000 (course director), (invited speaker); Phoenix, 2002 (Herman Pinkus lecture); Chicago, 2003 (invited speaker); Boston, 2004 (invited speaker); Seattle, 2005 (invited speaker, panel member); Chicago, 2006 (invited speaker, panel member), San Francisco, 2008 (invited speaker); Chicago, 2009 (invited speaker).

American Academy of Dermatology: San Antonio, TX, 1987 (invited speaker); Washington, DC, 1988 (course director); San Francisco, 1989 (faculty, dermpath course), (invited speaker); Atlanta, GA, 1990 (invited speaker); Dallas, Tx (course director), (faculty self-assessment); San Francisco, 1992 (invited speaker); San Francisco, 1994 (invited speaker); New Orleans, 1995 (invited speaker); Washington, DC, 1996 (invited speaker); San Francisco, 1997 (course director), (invited speaker); Orlando, FL, 1998 (invited speaker), (course director); Denver, 1998 (consultant course); New Orleans, 1999 (course director), (invited speaker); San Francisco, 2000 (invited speaker); Nashville, 2000 (invited speaker); Washington, DC 2001 (course director), (invited speaker); New Orleans, 2002 (invited speaker); San Francisco, 2003 (CPC panel), (invited speaker); Washington, DC, 2004 (invited speaker); New Orleans, LA, 2005 (faculty, self-assessment), (invited speaker); San Francisco, CA, 2006 (invited speaker), (CPC panel member), (faculty, self assessment); San Diego, 2006 (invited speaker); Washington, DC, 2007 (invited speaker); Summer Academy, NY, NY, 2007 (invited symposium faculty; forum director); San Antonio, TX 2008 (invited speaker); San Francisco, CA, 2009 (faculty, self-assessment); Miami, FL, 2010 (invited speaker)

American Society of Clinical Pathology: Las Vegas, 1988 (faculty); San Francisco, 1991 (invited speaker); Las Vegas 1992 (invited speaker); San Francisco, 1997 (teleconference); Chicago, 1997 (invited speaker); New Orleans, 2001 (invited speaker); Santa Fe, NM, 2002 (invited speaker); American Osteopathic Association, San Francisco, 1994 (invited speaker)

REGIONAL AND OTHER INVITED PRESENTATIONS

1983 Stanford, Dermatology (Dermatopathology lecture series)
 1984 Stanford, Dermatology (Dermatopathology lecture series)
 Oak Knoll Naval Medical Center, Lectures
 1985 Oak Knoll Naval Medical Center, Lectures
 University of California, San Francisco, Dermatology Grand Rounds
 University of California, San Francisco, Pathology Grand Rounds
 1986 University of California, San Francisco, Current Issues in Anatomic Pathology, May 23
 Oak Knoll Naval Medical Center, Lectures
 Stanford University, Department of Dermatology, Lectures
 University of California, Davis, Dermatology Grand Rounds
 Advances in Dermatology, Lake Tahoe, NV, Aug 20
 1987 Seton Medical Center, Medical Rounds, Daly City, Feb 13
 Fresno Society of Pathologists, May 18
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 23
 University of California, Davis-Martinez VAMC, Department of Dermatology Grand Rounds, Sept 23
 Kaiser Hospital, Oakland, "Dermatopathology of AIDS," Nov 6
 Oak Knoll Naval Medical Center, Dept. of Pathology (lectures)
 French Hospital, Clinicopathologic conference
 Fresno Pathologic Society, Dec 14
 1988 Hawaii Dermatology Seminar, Maui, Feb 12-17
 College of American Pathologists, San Francisco, Mar 20
 Stanford, Pathology lecture series, Introduction to Inflammatory Skin Disease, Apr 12
 Kaiser, Oakland, Medical Grand Rounds, "Cat Scratch Disease: Old and New," Apr 15
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 27
 College of American Pathologists, New York City, Sept 25
 Pacific Dermatologic Assn., San Diego, Chairman, Clinical-Pathologic Session, Sept 28
 University of California, San Francisco, 7th Postgraduate Course in Medical Mycology, Oct 16
 Centers for Disease Control, Atlanta, Bacillary Angiomatosis of AIDS, Bacterial

- Zoonosis Section, Nov 17
 Emory University, Atlanta, "Dermatopathology of AIDS," Depts. of Pathology and Dermatology, Nov 17
- 1989 California Society of Pathologists, San Diego, Nov 30
 Differential Diagnosis of Melanocytic Neoplasms, Hershey, PA, May 6
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 27
 University of California at Davis sponsored, Advanced Seminars on Dermatopathology, Napa, CA, Aug 22
- 1990 California Society of Pathologists, San Francisco, Nov 29
 University of California, Davis, Grand Rounds, Department of Dermatology, Feb 21
 Seton Hospital, Daly City, CA, Tumor Board session on malignant melanoma, Mar 29
 San Fernando Valley Dermatologic Association, Van Nuys, CA, Apr 12
 University of California, San Francisco, Dermatology Grand Rounds, May 22
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 25
 Stanford University Medical Center, Department of Dermatology Grand Rounds, July 17
 Central Valley Dermatologic Society, Sept 18
 Stanford University Medical Center, Current Concepts in Surgical Pathology, Sept 26
 University of California, San Francisco, Joint Symposium, Pathology and Laboratory Medicine, Oct 3
 Children's Hospital, San Francisco, Grand Rounds, Nov. 6
 Kaiser-Permanente Medical Center, Grand Rounds, Santa Rosa, Nov. 7
 California Society of Pathologists, Panelist, "Diagnostic problems in surgical pathology," San Francisco, Dec. 6
 California Society of Pathologists, "Borderline neoplasms of the skin," San Francisco, Dec. 8
- 1991 Sacramento Valley Dermatologic Society, Monterey, May 5
 University of California, San Francisco, Current Issues in Anatomic Pathology, San Francisco, May 23
 Advanced Seminars in Dermatology, Carmel Valley, July 11
 University of California, Davis, Grand Rounds, Aug. 21
 Association of Professors of Dermatology, Chicago, Sept. 29
 Children's Hospital, San Francisco, Pediatric Teaching Conference, Oct. 14
 Scleroderma Research Symposium, Scleroderma Research Foundation, Burlingame, Oct. 26
- 1992 University of California, Los Angeles, Grand Rounds, Dept. Pathology, Jan. 15
 University of California, San Francisco, Grand Rounds, Dept. Dermatology, Mar. 4
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 21
 Symposium on Actinic Keratoses (Bugamor Pharma), Dallas, July 26
 University of California, Davis, Grand Rounds, Department of Pathology, Aug 5
 St. Johns Mercy Medical Center, Germuth Lecture, St. Louis, MO, Oct 6
 St. Louis Pathology Society, St. Louis, MO, Oct 6
 8th Combined Skin Pathology Course, Denver, CO, Oct 12-13
 Great Lakes Dermatologic Society, Chicago, IL, Oct 28
 Wayne State University, Depart. Dermatology, Detroit, MI, Oct 29
 California Society of Pathologists, Panelist, Diagnostic Problems in Surgical Pathology San Francisco, Dec 5
- 1993 Sonoma Dermatologic Society, Santa Rosa, Jan 19
 University of Iowa School of Medicine, Grand Rounds, Depts. of Pathology and Dermatology, Iowa City, Feb 26
 University of Iowa School of Medicine, Self assessment course, Iowa City, Feb 27
 Stanford University Medical Center, Dermatology in the AIDS Era, Mar 13
 New York Medical College and Albert Einstein School of Medicine, Dept of Dermatology New Rochelle, NY, Apr 29
 Beth Israel, Peter Bent Brigham, Women's, and Children's Hospitals, and Pathology Services, Inc., Visiting professor, Boston, MA, Mar 19-21
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 29
 Mt. Diablo Regional Cancer Center and Merck Human Health Division, Wentz Bros Conference Center, Livermore, June 12
- 1994 23rd Western Scientific Assembly, California Medical Association, Anaheim, Mar 18
 Wayne State Univ. School of Medicine, Grand Rounds, Dept. Dermatology, Detroit, MI,

- May 17
 University of Southern Florida School of Medicine, Special Lecture, Depts. of Pathology and Dermatology, Tampa, FL, May 18
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 29
 Pacific Northwest Dermatological Society, Winthrop, WA, July 8-9
 Scripps Clinic and Research Foundation, Ninth Combined Skin Pathology Course and Fifth Annual Workshop in Dermatopathology, LaJolla, CA, Sept 18-19
 Institute of Dermatopathology, Philadelphia, PA, Nov 1
 Clinical and Dermatopathologic Seminar, Southern Medical Assoc, Orlando, FL, Nov 3
 California Society of Pathologists, San Diego, Nov 30 - Dec 3
- 1995
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 27
 Scientific Symposiums on Dermatopathology, series lectures, Kohala Coast, Hawaii, Oct 23-26
 Sharp Healthcare, San Diego, Nov 15
 California Society of Pathologists, San Francisco, Nov 30
- 1996
 Review course, Pathology Education Inc., Snowmass, CO, Feb 15.
 Visalia Dermatologic Society, Visalia, CA, Mar 7
 University of California, Dept of Dermatology Grand Rounds, Mar 27
 University of Texas Medical Branch at Galveston, Dermatopathology course, Galveston, TX, Apr 20
 California Melanoma Society, Carmel, CA, May 10
 Sharp Health Care, La Jolla, CA, May 16
 Lovelace Clinic, Albuquerque, NM, Aug 23
 Columbia University School of Medicine, Grand Rounds, Dept of Dermatology, New York, Oct 16
 Columbia University School of Medicine, "Dermatopathology of HIV disease." Resident teaching conference, Dept. Dermatology, New York, Oct 16
 Sharp Healthcare, San Diego, Nov 6
- 1997
 Scientific Symposiums Lecture Series on Dermatopathology, Kohala Coast, Hawaii, May 19-22
 Western-Midwestern Meeting, Association of Pathology Chairs, San Francisco, Sept. 27
 California Tumor Tissue Registry, "Cutaneous Neoplasms", prelector, 103rd. semi-annual Cancer Seminar, San Francisco, Dec. 7
- 1998
 Sharp HealthCare, San Diego, Feb. 5
 University of California, San Francisco, Grand Rounds, Department of Dermatology, Apr 22.
 Advanced Dermatology Update: A Consultant Course for Practicing Dermatologists, San Francisco, May 22.
 University of California, San Francisco, Current Issues in Anatomic Pathology, May 23.
 Sharp HealthCare, CME program, San Diego, July 15.
 Sharp HealthCare, CME program, San Diego, August 24.
 Pacific Northwest Society of Pathologists, Ian Black Memorial Lecture, Seattle, Sept. 11.
 Pacific Northwest Society of Pathologists, slide seminary, Seattle, Sept. 12.
 Pacific Dermatologic Association, San Francisco, CPC moderator, Sept. 24-26.
 Piedmont Dermatological Society of South Carolina, West Virginia, Oct. 23, 24, & 25
 Thirteenth Combined Skin Pathology Course, Dallas, Dec. 11, 12, & 13
- 1999
 Florida West Coast Association of Pathologists, Tampa, Jan. 7.
 University of South Florida, Grand Rounds, Tampa, Jan. 8
 Sacramento Valley Dermatologic Society Winter Ski Meeting at Squaw Creek, Olympic Valley, Feb. 20 & 21.
 Stanford University Medical Center, visiting lecturer, Departments of Dermatology and Pathology, Mar. 3.
 Michigan Dermatological Society, Sacred Heart Major Seminary, Detroit, Apr. 21.
 The Arizona Society of Pathologists, Tucson, May 1.
 Sharp Healthcare, San Diego, CA, June 16.
 Sharp Healthcare, San Diego, CA, Sept. 22.
 NYU School of Medicine, Surgical Pathology Update: Head to Toe, New York, Oct. 8.
 Scientific Symposiums Dermatopathology Lecture Series, Big Island of Hawaii, Oct. 18, 19.
- 2000
 University of California, San Francisco, Grand Rounds, Department of Dermatology April 19.
 Beth Israel Deaconess Medical Center, Peter S. Ciano Memorial Lecture, Boston, May 22.

- New England Pathology Residents' Society evening lecture series, Beth Israel Deaconess Medical Center, Boston, May 22.
University of California, San Francisco, Current Issues in Anatomic Pathology, May 27.
University of California, San Francisco, Grand Rounds, Department of Pathology, Sept. 5.
John Muir Hospital, "Spitz's nevus, an update" Dept. of Dermatology quarterly meeting, Walnut Creek CA, Sept 6
Stanford/UCSF Cutaneous Lymphoma Conference, Stanford University, Stanford, Nov. 11.
Pittsburgh Dermatologic Society, Goldblum Memorial Lecture, Pittsburgh, PA Dec. 7
- 2001
University of California, San Francisco, Dermatology Grand Rounds, Mar. 28
Virginia Society for Pathology Meeting, Richmond, VA, May 5.
Hoag Cancer Center Melanoma Symposium, Newport Beach, CA, May 10.
University of California, San Francisco, Current Issues in Anatomic Pathology, May 26.
Stanford University Medical Center, guest speaker, Departs of Dermatology and Pathology, Aug 2.
Sharp HealthCare, San Diego, Aug 22.
Scientific Symposiums, Diagnostic Decisions in Dermatopathology, Big Island of Hawaii, Oct. 8 - 11.
California Seminars in Pathology, Melanoma Workshop, San Diego, Nov. 29.
- 2002
5th Annual UCSF/Stanford Current Issues in Anatomic Pathology, San Francisco, May 22.
Oregon Dermatology Society Annual Meeting, Sunriver, Oregon, July 20,21
Scientific Symposiums Lecture Series, Dermatology - Making the right dermatopathologic diagnosis; Mauna Kea Resort, Big Island, Hawaii, Oct 14, 15
Southern California Permanente Medical Group's 2002 Jack M. Gordon, MD Pathology Symposium, Long Beach, CA, Oct. 26.
- 2003
Oregon Pathology Association seminar, Portland, OR, Dec. 6, 7.
Pathology Education 2003, Snowmass Village, CO, Feb. 13, 14
Yale University, Pathology Grand Rounds, New Haven, Apr 23.
Memorial-Sloan Kettering Hospital, Grand Rounds, Dept. of Pathology, New York City, Apr 24.
California Society of Dermatology & Dermatologic Surgery, Santa Barbara, CA, Sept 7.
Mayo Clinic, Practical Surgical Pathology, Rochester, MN, Sept 11.
Scientific Symposiums Lecture Series, Making the Right Dermatopathologic Diagnoses – Controversies and Conundrums, Big Island of Hawaii, Oct. 20 - 23.
- 2004
University of California, San Francisco, Dermatology Grand Rounds, Jan 7.
UCSF – Stanford Current Issues in Anatomic Pathology: 2004, San Francisco, May 27.
Scientific Symposiums Lecture Series, Dermatopathology Updates :Melanomas, Lymphomas & Inflammatory Skin Diseases, speaker, Princeville Resort, Kauai, Nov 1-5
- 2005
Michigan Society of Pathologists, keynote speaker, Detroit, May 7
Updates in Dermatopathology, speaker and panelist, Scientific Symposiums Lecture Series, Hapuna Beach Prince Hotel, Hawaii, Oct 3-6.
- 2006
Current Issues in Anatomic Pathology, UCSF, San Francisco, June 3
California Society of Dermatology & Dermatologic Surgery, San Diego, Sept 1
Learning How to Make Those Gut-Wrenching Dermatopathology Diagnoses, speaker and panelist, Scientific Symposiums Lecture Series, Princeville Resort, Kauai, Hawaii, Oct 9-12
- 2007
UCSF Dermatology Grand Rounds, Jan 10.
1st Annual Pediatric Melanoma Workshop, Houston, TX, Feb 23
Phil Vogt Memorial Lecture, UC Davis, Feb 27.
Grand Rounds at Northwestern Dermatology, Chicago, IL Mar 7
Scientific Symposiums Lecture Series, Maui Prince Hotel, Makena Resort, Maui, Hawaii, Oct 8-11
- 2008
Kaiser Permanente Walnut Creek Pathology Department, lecture, Walnut Creek, CA, Oct 17
Kaiser Permanente Walnut Creek Pathology Department, lecture, Walnut Creek, CA, Feb 6
Stanford Dermatology Grand Rounds, Stanford University Medical Center, Stanford, CA, Feb 12
UCSF Dermatology Grand Rounds, Feb 27; Apr 30.
American Society of Dermatopathology, Joint Meeting with the United States-Canadian Academy of Pathology, Denver, Mar 2
Scleroderma Research Symposium, Scientific Workshop, San Francisco, CA, Feb 29
11th Annual Melanoma Symposium, St. Joseph's Hospital, Newport Beach, CA May 17
Washington University in St. Louis Grand Rounds, St. Louis, MO May 22
UCSF CME Course on the Pathology of Women's Diseases, San Francisco, CA, Aug 29
Colorado Dermatologic Society, Denver, CO Sep 5
CalDerm Annual Meeting, Santa Barbara, CA, Sep 14
Scientific Symposiums Lecture Series, San Francisco, CA, Oct 20-23
Kaiser Permanente '08 Pathology Symposium, Orange, CA Nov 8

- 2009 30th Annual Pathology Review Seminar, SnowmassAspen Co, Feb 9-14
 28th Annual Current Issues in Surgical Pathology, UT Southwestern, Dallas, TX May 7
 MD Anderson Grand Rounds, Houston, TX, May 8
 PhenoPath Quarterly Conference, Seattle, WA, Jun 4
 Dr. Terry O'Grady Lectureship, UCSD/ San Diego Dermatologic Society, San Diego, CA, Sep 24-25
- 2010 Harvard Course – Surgical Pathology for the Practicing Pathologist, Scottsdale, AZ Jan 16-19
 17th Annual Seminar in Pathology, West Virginia School of Medicine, Pittsburgh, PA Apr 29
 Yale NSF Conference, New York Academy of Science, New York, NY, May 14-15
 Scientific Symposiums: West Coast Pathology Review: A Course for Dermatology and
 Dermatopathology Board Exam Candidates, Burlingame, CA May 21-23
 Scientific Symposiums Lecture Series, Big Island, HI Oct 12-15

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CME COURSES ATTENDED

- 1999 NYU School of Medicine, Surgical Pathology Update: Head to Toe, New York, Oct. 8.
 Scientific Symposiums Dermatopathology Lecture Series, Big Island of Hawaii, Oct.18, 19
 Weekly UCSF Dermatology Grand Rounds
- 2000 University of California, San Francisco, Current Issues in Anatomic Pathology, May 27
 Stanford/UCSF Cutaneous Lymphoma Conference, Stanford University, Stanford, Nov. 11
 Weekly UCSF Dermatology Grand Rounds
- 2001 University of California, San Francisco, Current Issues in Anatomic Pathology, May 26.
 Stanford University Medical Center, guest speaker, Departs of Dermatology and Pathology, Aug 2
 Sharp HealthCare, San Diego, Aug 22.
 Scientific Symposiums, Diagnostic Decisions in Dermatopathology, Big Island of Hawaii, Oct. 8–
 11.
 California Seminars in Pathology, Melanoma Workshop, San Diego, Nov. 29.
 Weekly UCSF Dermatology Grand Rounds
- 2002 Annual UCSF/Stanford Current Issues in Anatomic Pathology, San Francisco, May 22
 Scientific Symposiums Lecture Series, Dermatology - Making the right dermatopathologic
 diagnosis;
 Mauna Kea Resort, Big Island, Hawaii, Oct 14, 15
 Weekly UCSF Dermatology Grand Rounds
- 2003 Yale University, Pathology Grand Rounds, New Haven, Apr 23.
 Memorial-Sloan Kettering Hospital, Grand Rounds, Dept. of Pathology, New York City, Apr 24.
 California Society of Dermatology & Dermatologic Surgery, Santa Barbara, CA, Sept 7.
 Mayo Clinic, Practical Surgical Pathology, Rochester, MN, Sept 11.
 American Society of Dermatopathology, 40th. Annual Meeting, Chicago, Oct 9-12
 Scientific Symposiums Lecture Series, Making the Right Dermatopathologic Diagnoses
 - Controversies and Conundrums, Big Island of Hawaii, Oct. 20 - 23
 Weekly UCSF Dermatology Grand Rounds
- 2004 University of California, San Francisco, Dermatology Grand Rounds, Jan 7.
 UCSF – Stanford Current Issues in Anatomic Pathology: 2004, San Francisco, May 27
 Weekly UCSF Dermatology Grand Rounds
- 2005 Michigan Society of Pathologists, keynote speaker, Detroit, May 7
 Updates in Dermatopathology, speaker and panelist, Scientific Symposiums Lecture Series,
 Hapuna Beach Prince Hotel, Hawaii, Oct 3-6.
 Weekly UCSF Dermatology Grand Rounds
- 2006 Current Issues in Anatomic Pathology, UCSF, San Francisco, June 3
 California Society of Dermatology & Dermatologic Surgery, San Diego, Sept 1
 Learning How to Make Those Gut-Wrenching Dermatopathology Diagnoses, speaker and panelist,
 Scientific Symposiums Lecture Series, Princeville Resort, Kauai, Hawaii, Oct 9-12
 Weekly UCSF Dermatology Grand Rounds
- 2007 UCSF Dermatology Grand Rounds, Jan 10.
 Scientific Symposiums Lecture Series, Maui Prince Hotel, Makena Resort, Maui, Hawaii, Oct 8-11
 Kaiser Permanente Medical Center, Pathology group, invited lecturer, Walnut Creek, CA Oct 17
- 2008 Kaiser Permanente Medical Center, Pathology group, invited lecturer, Walnut Creek, CA, Feb 6
 Scleroderma Research Symposium, Scientific Workshop, invited lecturer, San Francisco, CA, Feb 29

UCSF CME Course on the Pathology of Women's Diseases, invited lecturer, San Francisco, CA, Aug 29
Colorado Dermatology Society, invited lecturer, Sep 5-6
California Society of Dermatology & Dermatologic Surgery, invited lecturer, Sep 12-14
Weekly UCSF Dermatology Grand Rounds
Scientific Symposia, Lecture Series, Stanford Court, San Francisco, CA Oct 20-23
2009 Southwestern Medical Center 28th Annual CME Course, Dallas, TX May 7-9

GOVERNMENT and OTHER PROFESSIONAL SERVICE:

1986-94 International Society of Dermatopathology, Executive Committee
1986,88,89 Veteran's Administration Research Council, ad hoc referee
1987-91 Member, Clinicopathologic Committee, Pacific Dermatologic Association
1988 Chairman, Clinicopathologic Committee, Pacific Dermatologic Association
1989-92 Abstract Review Board, International Academy of Pathology
1991 Chair, Dermatopathology Proffered Papers, International Academy of Pathology, Boston (March 6)
1991-94 Moderator, Dermatopathology Specialty Conference, International Academy of Pathology
1992- Member, Committee on Peer Review, American Society of Dermatopathology
1992 Assistant Section Secretary, Scientific Advisory Panel on Pathology, California Medical Association
1993-94 Test Committee for Dermatopathology, American Boards of Pathology and Dermatology
1993-94 Board of Directors, California Society of Pathologists
1995 Joint American Academy of Dermatology/Dermatopathology Liaison Committee
1995 American Society of Dermatopathology representative to Advisory Panel of the International Council on Dermatopathology
1995 Course Director, "Melanocytic Neoplasms: Avoiding Misdiagnosis and its Consequences," sponsored by California Pacific Medical Center
1996 Clinicopathologic Committee, Pacific Dermatologic Association
1998 Chair, Committee on Peer Review, American Society of Dermatopathology
2000 Clinicopathologic Committee, Pacific Dermatologic Association
2001 Abstract Review Board, Society for Investigative Dermatology National Meeting in 2000
2000- Consultation Council, PathSource, Inc.
2002 The Doctor's Company
2003-05 Chair, Organizing Committee, International Society of Dermatopathology Joint Meeting
2003-now World Health Organization, International Agency for Research on Cancer Center; Editor of Pathology and Genetics of Skin Tumours for the WHO Blue Book series
2004-now International Committee for Dermatopathology, Board Member on International Board of Dermatopathology

UNIVERSITY AND PUBLIC SERVICE

UNIVERSITY SERVICE

UCSF CAMPUS-WIDE

Ad Hoc Committee on promotion, Department of Surgery

DEPARTMENTAL SERVICE:

1986-now Member, Executive Committee, Department of Dermatology
1987-88 Co-Director, Bay Area Seminars in Surgical Pathology
1987-now Member, Advisory Board, Department of Dermatology
1988-89 Member, Committee on Residency Program Review, Department of Pathology
1988-89 Member, Education Committee, Department of Dermatology
1988-89 Chair, Committee on Clinical Faculty Relations, Department of Pathology
1988-91 Member, Committee on Continuing Medical Education, Department of Pathology
1990-91 Member, Search Committee, Department of Pathology
2002 Member, Ad Hoc Committee, promotion, Dept. of Dermatology
2003 Chair, Search Committee, Dept. of Dermatology
2007 Chair, Search Committee, Department of Pathology, Division of Dermatopathology
2008 Chair, Search Committee, Department of Dermatology, Division of Dermatopathology

SUMMARY OF SERVICE ACTIVITIES

My colleague, Dr. McCalmont and I sign out 60-80 specimens/week from the Dermatology Clinic at UCSF. We present (or supervise presentation by the dermatopathology fellow) all pathology for the UCSF Dermatology Department staff conferences (1 hr/wk).

In 1986 and 1987, in collaboration with the Department Chairs of Pathology and Dermatology, I organized the UCSF Dermatopathology Service, a unit located in the Dermatology clinical area at 1701 Divisadero Street. The service opened for business in February, 1987. The service picks up and processes skin biopsies taken by community dermatologists, examines them, and issues reports. Our workload includes consultations from pathologists both here and abroad, approaching 8,000 cases per year, and consultations from dermatologists who interpret biopsy specimens themselves, but request second opinions from us (about 12,000 cases per year). We examine all of this material with residents from both the Dermatology and Pathology departments, the dermatopathology fellow and visiting fellows and post-doctoral scholars at the multiheaded microscope. I presently serve as a co-director of the Service (my colleague, Timothy McCalmont became the other co-director in 1994), which consulted on over 85,000 cases in 2009. Our service is the largest dermatopathology operation in the western United States, and we believe it is about the 2nd largest academic dermatopathology unit in the United States. We have achieved this benchmark despite practicing in an environment in which many dermatologists interpret biopsies themselves.

TEACHING and MENTORING

FORMAL SCHEDULED CLASSES FOR UCSF STUDENTS:

Qtr.	Acad.Yr.	Title	Contribution	Hrs.	Size
F-Sp	1982-now	Dermatopathology Conference Department of Dermatology	10-30 Lectures/yr	30	15
Sp	1985-91	Pathology 103	1 Lecture	1	150
F	1985	Pathology 101	Lab Section	22	40
Sp	1986	Core Curriculum, Lab Medicine	1 Lecture	2	25
Pre-F	1987, 93-94	Pathology 101	Lab Section/ Small Group	20	15
W	1989	Pathology 102	Lab Section	10	20
Pre-F	1989-92	Pathology 101	Small Group	8	15
F	1991-94	Pathology 126/135/135.01	Lecture	1	200
Pre-F	1992	Pathology 101	Small Group	8	15
F	1996	Pathology 126/135/135.01	Lecture	1	200
Sp	1999	Pathology 103	Lecture	1	145
Sp	2001	Pathology 103	Lecture	3	200
F	2003	Pathology 126/135/135.01	Lecture	1	200

POSTGRADUATE AND OTHER COURSES

Formal Scheduled Courses, U.C. Berkeley (UCB-UCSF Joint Medical Program)

Sp 1986-88 Pathology BEH 209A,B 1 Lecture 3 12

Formal Scheduled Courses, California College of Podiatric Medicine

Qtr.	Acad.Yr.	Course & Title	Contribution	Hrs.	Class Size
W	1987	Pathology II	2 lectures	3	95
Sp	1988	Pathology II	2 lectures	3	95
W	1988	Pathology 2	2 lectures	3	95
F	1991-94	Pathology 2	1 lecture	1	95
F	1996	Pathology I, II	2 lectures	3	95

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED:

Updated 4/13/2010

Dates	Name	Program or School	Role	Current Position
2001	Todd McGregor	UCSF Medical Student	Supervised clerkship	
2001	Claudia Taylor	UCSF Medical Student	Supervised clerkship	
2002	Eloisa Fuentes	UCSF Medical Student	Supervised clerkship	
2002	Judy Blair	UCSF Medical Student	Supervised clerkship	
2002	Faith Ough	Medical Student, Columbia University	Supervised elective	
2002	Christian Mensing	Medical Student, Germany	Supervised elective	
2004	Annemeike vanZante	UCSF Medical Student	Supervised clerkship	
2004	Andrew Nelson	Medical Student, Johns Hopkins	Supervised elective	
2006	Andrew Swanson	UCSF Medical Student	Supervised elective	
2007	Agne Naujoukas	UCSF Postsoph fellow	Supervised elective	
2007	Cynthia Jimenez	UCSF Postsoph fellow	Supervised elective	
2007	Richard Kim	UCSF Postsoph fellow	Supervised elective	
2009	Michelle Longmeyer	UCSF Medical Student	Supervised elective	
2010	Michael Frederick	UCSF Medical Student	Supervised elective	

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED:

Dates	Name	Fellow	Faculty Role	Current Position
1989-1990	Luke A. Perkocha, M.D.	Dermatopathology	Direct supervision	Private Practice, Pathologist, Dermatopathologist; Consultant Dermatopathologist SFGH
1990-1991	John K. Geisse, M.D.	Dermatopathology	Direct supervision	Private Practice, Dermatologist, Dermatology Surgeon, Dermatopathologist
1991	Timothy H. McCalmont, M.D.	Dermatopathology	Direct supervision	UCSF, Dermatopathologist
1991-1993	Paul Chu, M.D.	Dermatopathology	Direct supervision	Dermatopathology Associates of New York, Dermatopathologist
1991-1993	Russell L. Kerschmann, M.D.	Dermatopathology	Direct supervision	Private Practice, Pathologist, Dermatopathologist
1992-1993	Oliver Stanton, M.D.	Dermatopathology	Direct supervision	Diagnostic Pathology Medical Group, Pathologist, Dermatopathologist
1993-1994	John Andrew Carlson, M.D.	Dermatopathology	Direct supervision	The Albany Medical College, New York, Dermatopathologist
1994-1995	Connie L. Ho, M.D.	Dermatopathology	Direct supervision	Private Practice, Dermatologist, Dermatopathologist
1995-1996	Curtis T. Thompson, M.D.	Dermatopathology	Direct supervision	LifeSpan Biosciences, Pathologist, Dermatopathologist
1996-1997	Beth S. Ruben, M.D.	Dermatopathology	Direct supervision	UCSF, Dermatopathologist

1997-1999	Michael Ming, M.D.	Dermatopathology	Direct supervision	University of Pennsylvania, Dermatologist, Dermatopathologist
1998-1999	Richard C. Kasper, M.D.	Dermatopathology	Direct supervision	UCSF, Dermatopathologist
1999-2001	Shawn Cowper, M.D.	Dermatopathology	Direct supervision	Yale University, Dermatopathologist
2001-2003	John C. Maize, Jr, M.D.	Dermatopathology	Direct supervision	Private Practice, Maize Center for Dermatopathology
2003-2004	Anneli R. Bowen, M.D.	Dermatopathology	Direct supervision	University of Utah, Dermatologist, Dermatopathologist
2004-2006	Michael R. Heaphy, Jr., M.D.	Dermatopathology	Direct supervision	Water's Edge Dermatology Florida
2006-2007	Maj. Scott Dalton	Dermatopathology	Direct supervision	US Army
2006-2008	Sadia Saeed, M.D.	Dermatopathology	Direct supervision	DermPath Diagnostics, Florida, Dermatopathologist,
2008-2009	Daniel C. Zedek, M.D.	Dermatopathology	Direct supervision	UCSF Assistant Clinical Professor
2009-2011	Laura B. Pincus, M.D.	Dermatopathology	Direct supervision	Current Fellow
2009-2010	Maj. Abel Jarell	Dermatopathology	Direct supervision	Current Fellow

NON-UCSF RESIDENTS DIRECTLY SUPERVISED

09/17 – 09/21/01: Dr. Ines Gutzemann - Pathology, Stanford
12/10 – 12/14/01: Dr. Sam S. Dadras - Pathology Resident, MGH - Boston
01/01 – 01/31/02: Dr. Natalie Mar - Dermatology Resident, UC Davis
05/01 – 05/31/02: Dr. Anneli Bowen – Women's Derm Society Mentorship
07/01 – 07/31/02: Dr. Debbie Jih – Dermatology Resident, Univ Hospitals of Cleveland
08/23 – 09/22/02: Dr. Esther Kim – Resident Kaiser Santa Clara
01/19 – 01/30/03: Dr. Debbie Jih – visiting Derrmpath fellow Univ of PA
05/19-30/03: Dr. David Cheng – UC Davis Pathology
09/01 – 09/30/03: Dr. Kapil Gupta – Path Resident, East Carolina Univ
11/10 - 11/21/03: Dr. Rick Lin – visiting derm resident from Texas
12/08 - 12/12/03: Dr. Steve Phillips – Derrmpath Fellow, Ohio
01/19 - 01/30/04: Dr. Debbie Jih – Derrmpath Fellow, Univ of Pennsylvania
01/19 -01/30/04: Dr. Payam Abrishami – Derm Resident Univ Minn
01/19 -01/23/04: Dr. Jessie Cheung – Derm Resident Cook County Hosp, Chicago
04/01 – 04/03/04: Dr. Joseph Hillman – Derm Resident, Stanford
05/01 – 05/31/04: Dr. Mary Finnegan – Univ of Minnesota
06/07 – 06/11/04: Dr. Joe Hillman – Path Resident Stanford
08/30 – 09/10/04: Dr. Kyle Wagamon – Derm Res, University Hospitals of Cleveland
10/01 – 10/31/04: Dr. Adam Rubin – Derm Resident, Columbia Univ
10/01 – 10/31/04: Dr. Stacy Thurber – Derm Resident, Stanford Univ
03/07 – 3/11/05: Dr. Anu Jayaraman – Derrmpath fellow, Stanford Univ.
03/07 – 03/15/05: Dr. Scott Wickless – Derm Resident, Michigan State University
07/01 – 07/31/05: Dr. Yurong Wheeler, Path Resident, Univ of Missouri-Columbia
08/29 – 09/23/05: Dr. Catherine Barry, Path Resident, Yale
09/19 – 09/30/05: Dr. Jennifer Dick, Derm Resident, Univ Minn
11/01 – 11/30/05: Dr. Sara Kantrow, Derm Resident, Vanderbilt
12/01 – 12/31/05: Dr. Jocelyn Thein, Derm Resident, UC San Diego
01/09 – 01/20/06: Dr. Carlos Ricotti, Derm Resident, Univ of Miami
02/06 - 2 weeks: Dr. Jeffrey Lander, Derm Res, Univ of Minnesota
02/22 – 03/17/06: Dr. Kevin White, Derm Resident, Oregon Health Sciences Univ
04/10 – 04/28/06: Dr. Bryan Chen, Derm Resident, UCSD
05/22 – 05/26/06: Dr. Pedram Geraminejad, Derm Resident, Northwestern Univ
07/31 – 08/15/06: Dr. Clemens Esche, Derm Resident, Johns Hopkins
09/01 – 09/22/06: Dr. Catherine Barry, Derrmpath Fellow, Yale
09/01 – 09/31/06: Dr. Dan Zedek, Path Resident, Univ of North Carolina
10/01 – 10/31/06: Dr. Victor Flauta, Path Resident, Univ of Missouri Kansas City, Truman Med Ctr
Updated 4/13/2010

11/02 – 11/15/06:	Dr. David Wada ,Path Resident , Salt Lake City
11/02 – 11/15/06:	Dr. Heather Buchholz, Derm Res, Univ of Minn – ASDP Mentor award
12/04 – 12/22/06:	Dr. William Waller (intern), St. Mary’s Hospital, S.F.
01/01/07-01/12/07:	Dr. Elaine Cham, Path Resident, Evanston Northwestern Healthcare
02/02 – 03/02/07:	Dr. Jennifer Chwalek – Derm Resident, University of Maryland – Women’s Dermatologic Society Award Recipient
03/12/- 03/23/07:	Dr. Joanne Sung – Derm Resident, Case Western
03/26 – 03/30/07:	Dr. Antoanella Bardan, MD, Path Resident, University of California, San Diego
04/01 – 04/30/07:	Dr. J Ahmad Brown, Path Resident, Univ of Maryland Medical Center
04/11 – 04/25/07:	Dr. J. Mike Magill, Jr. – Path Resident, Univ of Florida
04/30 – 05/05/07:	Dr. Clemens Esche, Derm Resident, Johns Hopkins – ASDP Mentor award
07/01 – 07/31/07:	Dr. Mandana Mahmoodi – Dermpath Fellow, Drexel Univ
10/01 – 10/31/07:	Dr. Kiyoe Kure – Path Res, Truman Med Center, MO
11/12 – 11/16/07:	Dr. Jennifer Chwalek – Derm Resident, University of Maryland – Women’s Dermatologic Society Award Recipient
11/26 – 12/07/07:	Dr. Kevan Lewis – Derm Resident, Brown Women’s Dermatologic Society Award Recipient
04/01 – 04/30/08:	Dr. Rafael Rodriguez – Path Resident, UC Davis
05/05 – 05/09/08:	Dr. Blanca Ochoa – Derm Resident, Baylor
05/12 – 05/31/08:	Dr. David Burch – Dermpath Fellow, Indiana University
05/19 – 06/13/08:	Dr. Betsy Perry – Path Resident, University of Utah Women’s Dermatologic Society Award Recipient
07/27/08 – 08/23/08:	Dr. Kristopher McKay, Path Resident, Yale University
07/01/08 – 07-31/08:	Dr. Mohammad Raoufi, Path Resident, Henry Ford Hospital, MI
08/18/08 – 08/29/08:	Dr. Iwei Yeh, DermResident, University of Washington, WA
09/01/08 – 09/30/08:	Dr. Kenneth Calder, Path Resident, University of South Florida, FL
10/01/08 – 10/31/08:	Dr. Alexander Finn, Path Resident, University of North Carolina, NC
12/01/08 – 12/31/08:	Dr. Matthew Tsang, Derm Resident, University of Minnesota
02/09/09 – 02/20/09:	Dr. Emily Bantle, Path Resident, Washington University, St. Louis
04/01/09 – 04/30/09:	Dr. Zesong Zhang, Derm Resident, University of California, Irvine
06/08/09 – 06/12/09:	Dr. Jeffery Graves, Derm Resident, University of Missouri – Columbia
11/01/09 – 11/30/09:	Dr. Tariq Zaid, Pathology Resident, Tufts
01/04/10 - 01/31/10:	Dr. Alicia Calderon, Pathology Resident, University of California, Irvine
02/01/10 – 02/26/10:	Dr. Ivy Lee, Dermatology Resident, Georgetown University, DC
03/15/10-03/31/10:	Dr. Jiong Zhang, Pathology Resident, University of Tennessee HSC

INFORMAL TEACHING:

1987 – now bi-weekly with fellows/ residents/students at the microscope

FACULTY MENTORING

FACULTY MENTORED:

Dates	Name	Position while Mentored	Mentoring Role	Current Position
1991	Timothy H. McCamont, M.D.	Dermatology resident	Career advisor	Professor of Pathology, co-director, UCSF Dermatopathology Service
1995-1996	Boris Bastian, M.D.	Dermatologist, Germany	Career advisor	Chair, Dept. of Pathology, Memorial Sloane-Kettering Cancer Center, NY
2002	Anneli R. Bowen, M.D.	Dermatologist	Personal advisor Women’s Dermatological Society Mentorship Program	Dermatologist, dermatopathologist, University of Utah
2002	Debbie Jih, M.D.	Dermatology	Personal advisor,	Dermatopathology fellow,

Updated 4/13/2010

	resident	Women's Dermatological Society Mentorship Program	University of Pennsylvania
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OTHER VISITING FACULTY SUPERVISED:

05/1992: Heide Lind, M.D., Pathologist, Tri-City Medical Center, Oceanside, CA
01/15 – 02/2/96 James V. Little, M.D., Lovelace Health Systems, Albuquerque, NM
11/1996: Richard H. Knierim, M.D., Pathologist, Laboratory of Pathology, Seattle, WA
04/1999: Braden W. Jensen, M.D., Pathologist, Southwest Washington Medical Center, Vancouver, WA
01/1999; 01/2000; 03/2001; 01/2002; 02/2003; 02/2005; 08/2006; 08/2008 Russell Dodds, M.D., Pathologist, Piedmont Pathology Associates, Anderson, SC.
04/14 – 08/03: Dr. David Smith, Pathologist, Kaiser Pathology, San Rafael
6/01 – 08/31/04: Justin Thurlin, Dermatologist, Salt Lake City, Utah
11/8 – 11/12/04: Dr. Dan Hilbrich, Dermatologist, Garden City, MI
7/25 – 7/29/05: Dr. Christopher Bullock – Pathologist, Michigan
11/7 – 11/11/05: Dr. Richard Schwartz – Pathologist, Ohio
2/27 – 3/1/06: Dr. Rob Werling - Pathologist, Minn
3/27 – 3/30/07: Dr. Sami Harawi - Pathologist, Hackensack Univ
4/30 – 5/11/07: Dr. Rob Werling - Pathologist, St. Paul, Minn
11/5 – 11/9/07: Dr. J. Wade Strong - Charleston Pathology, SC
7/1/09-6/30/10: Dr. Douglas Grider – Dermatopathologist – Travis Air Force Base, California

POSTDOCTORAL VISITORS SUPERVISED

03/01 – 05/01/93: Dr. Nim Lai Wong, Kiang Wu Hospital, Macau, Pathology
06/01 - 7/3/94: Dr. Ion Schafer, Pathology, Central Emek Hospital, Afula, Israel
11/20 - 12/20/95: Dr. Ion Schafer, Pathology, Central Emek Hospital, Afula, Israel
05/04 – 6/20/95: Dr. Peter Kind, Ludwig-Maximilians-Universitat-Munchen, Germany, Dermatology
07/01 – 07/31/95: Dr. Roderick J. Conrad, Royal Free Hospital Sch of Med, Univ of London, England
10/6/95 – 01/14/96: Dr. Boris Bastian, University of Wurzburg, Germany, Dermatology
11/1/95 - 8/31/96: Dr. Veronique Rouault-Plantaz, Laboratoire D'Anatomie et de Cytologie Pathologiques, Grenoble, France,
02/28/96 – 02/27/97: Dr. Laila El-Shabrawi, University of Graz, Austria, Dermatology, Fullbright Scholar
07/23 – 10/21/96: Dr. King Chung Lee, Queen Elizabeth Hospital, Hong Kong, Pathology
07/14 – 08/01/97: Dr. Azita Davis, Augsburg/Germany, Dermatology
04/02 – 05/19/97: Dr. William Merchant, Institute of Pathology, Leeds, England
10/06 – 11/30/97: Dr. Herwig Schappi, Salzburg, Austria, Dermatology
10/13 – 12/07/97: Dr. Lorenz Becker, Univ. of Wuerzburg, Germany, Dermatology
01/01 – 03/31/98: Dr. Paul Choi, Chinese Univ of Hong Kong, Pathology
09/30 – 10/27/98: Dr. Anna Maria Cesinaro, Univ. of Modena, Italy, Pathology
11/23 – 12/20/98: Dr. Christian Rose, Univ of Wuerzburg, Germany, Dermatology
07/01/96 – 06/30/98: Dr. Bang Soon Kim, Inje Univ College of Medicine, Sanggye Paik Hospital, Seoul, Korea, Dermatology
07/01/97 – 06/30/99: Dr. Eileen Abesamis-Cubillan, Manila, Philippines, Dermatology
03/18 – 06/15/99: Dr. Michail B. Lurie, Bnai Zion Medical Center, Haifa, Israel, Pathology
05/24 – 06/19/99: Dr. Sung-Nam Chang, Pundang CHA Hospital, Dermatology
07/01 – 12/31/99: Dr. Andrea VonStemm, St Georg, Hamburg, Germany, Dermatology
07/06/99 – 06/30/00: Dr. Un Cheol Yeo, Samsung Medical Center, Korea, Dermatology
02/07 – 12/15/00: Dr. Marcello Leiva-Mena, Dermatology, Chuaquicamata, Chile
03/20/00 – 02/10/01: Dr. Mi-Woo Lee, Dermatology, Asan Medical Center, Seoul, Korea
05/03/00 – 04/09/01: Dr. Amal Khalifa, Dermatology, Ain Shams Univ Hospitals, Cairo, Egypt
07/03 – 08/30/00: Dr. Ulrike Wieland, Dermatology, Landeskliniken, Salzburg, Austria
09/01/00 – 08/10/01: Dr. Dong Shin, Dermatology, Yeungnam Univ, Taegu, Korea
10/16/00 – 03/30/01: Dr. Sebastiao Moreira, Jr., Pathology, State Univ of Campinas, SP, Brazil
04/09 – 09/28/01: Dr. Bernd Leinweber, Dermatology, Univ of Graz, Austria
06/01 – 11/30/01: Dr. Parissa Mastan, Dermatology, Univ of Vienna, Austria
08/06 – 09/22/01: Dr. Ivan Reboucas, Pathology, Univ of Campinas, Capinas, Brazil
09/04 – 09/28/01: Dr. Fabio Facchetti, Pathology, Univ of Brescia, Brescia, Italy
09/04 – 10/31/01: Dr. Anna Maria Cesinaro, Pathology, Univ of Modena, Modena, Italy
Updated 4/13/2010

09/04 - 11/30/01: Dr. Markus Hantschke, Dermatology, Luebeck Univ, Germany
 10/01 - 11/30/01: Dr. Parissa Mastan - Austria
 10/01 - 10/31/01: Dr. Anna Maria Cesinaro - Italy
 09/24 - 10/05/01: Dr. Richard Kasper - Canada
 01/15 - 02/22/02: Dr. Mairin McMenamin - Visiting Scholar from Ireland
 02/15 - 09/15/02: Dr. M. Ramam - Visting Scholar from India
 06/10 - 28/02: Dr. Andrea Bruecks - Visitor from Canada
 06/10 - 28/02: Dr. Duane Barber - Visitor from Canada
 10/14 - 25/02: Dr. Vincent Munro -Pathologist, St. Vincent's Hospital, Australia
 08/01 - 08/31/02: Dr. Richard Williamson - Royal Brisbane Hospital, Brisbane, Australia
 04/28 - 05/25/03: Ms. Lisa Strahm - Postsophomore fellow from Switzerland
 08/01 -9/05/03: Dr. Baerbel Greve, - visitor from Univ Hospital of Heidelberg
 08/01 - 8/31/03: Dr. Stefan Horster - visitor from Germany
 02/01 - 02/28/04: Dr. Cornelia Seitz , University of Wurzburg
 03/01/04 - 01/31/09 Dr. Eui Chang Jung - Postdoc scholar from Korea
 03/01/04 - 6/30/05 Dr. Kyoung Jin Kim - Postdoc scholar from Korea
 06/01/04 - 05/31/06 Dr. Adolfo Bormate - Dermatologist, Phillipines
 08/30/04 - 09/10/04 Dr. Sylvia Kim - Dermatology - Cologne Univ, Germany
 01/01/05 - 02/28/05 Dr. Ismini Vassilaki - Pathologist, Sweden
 04/01/05 - 10/10/05 Dr. Ahlam Al-Shedoukhy - Pathologist, Saudi Arabia
 05/01/05 - 05/01/06 Dr. Sébastien de Feraudy, Pathology Resident, France
 09/12/05 - 09/30/06 Dr. Aleksandar Godic, Dermatovenerologist, Slovenia
 10/01/05 - 12/31/05 Dr. Joerg Wacker, M.D., Derm Resident, University of Heidelberg
 11/14/05 - 12/02/05 Dr. Radhika Ramnath, Pathologist, Leeds, UK
 01/09/06 -06/30/06 Dr. Sylvia Pasternak, Pathologist, Alberta, Canada
 01/30/06 - 12/31/06 Dr. Minh Lam, Pathologist, Australia
 02/01/06 - 08/31/06 Dr. Carlo Cota, Pathologist, Rome
 03/01/06 - 02/28/07 Dr. Hong-Wei Gao - Pathologist, Taiwan
 04/01/06 - 04/30/06 Dr. Iakov Shimanovich - Germany
 06/01/06 - 10/31/06 Dr. Aviv Barzilai - Dermatologist, Israel
 07/01/06 - 12/31/06 Dr. Vahid Mashayekhi - Dermatologist, Iran
 07/01/06 - 07/31/06 Dr. Sebastião Moreira, Dermatologist, Brazil
 08/01/06 - 11/30/06 Dr. Ricardo Macarenco - Pathologist, Brazil
 08/01/06 - 12/31/07 Dr. Seok-Kweon Yun - Dermatologist, South Korea
 09/04/06 - 09/15/06 Dr. Fabio Facchetti, Pathology, Univ of Brescia, , Italy
 09/04/06 - 09/15/06 Dr. Marc Haspeslagh, Belgium
 10/01/06 - 11/30/06 Dr. Rokiah Ali, Pathology, UK
 05/01/07 - 07/31/07 Dr. Mehmet Baltaci - Derm, Univ of Innsbruck, Austria
 05/14/07 - 05/28/07 Dr. Harleen Sidhu - Derm - Royal College of Surgeons, Ireland
 06/18/07 - 06/29/07 Dr. Laila El-Shabrawi-Caelen - Dermatologist, Univ of Graz, Austria
 06/18/07 - 07/13/07 Dr. Roberto Ricci - Pathologist, Parma, Italy
 06/18/07 - 08/18/07 Dr. Chan-Sik Park - Pathologist, South Korea
 08/01/07 - 06/30/08 Dr. Romana Benak - Dermatologist, Czechoslovakia
 10/03/07 - 01/25/08 Dr. Astrid Udvardi - Dermatologist, Vienna, Austria
 03/01/08 - 06/01/08 Dr. Pooja Virmani - Dermatologist, New Delhi, India
 06/15/08 - 12/12/08 Dr. Bai-Yao (Albert) Wu - Dermatologist, Taiwan
 07/01/08 - 12/31/08 Dr. Faisal al-Mohammed, Pathologist, Saudi Arabia
 07/01/08 - 06/30/09 Dr. Ahmed Alhumaidi, Pathologist, Saudi Arabia
 07/28/08 - 09/30/08 Dr. Ilaria Pennacchia, Pathologist, Italy
 10/03/08 - 11/07/08 Dr. Charlene Hunter, Pathologist, Canada
 10/06/08 - 10/31/08 Dr. Sanchai (Joe) Sombatmaithai, Dermatologist, Thailand
 10/15/08 - 10/14/09 Dr. Maria Garrido, Pathologist, Spain
 10/01/08 - 10/31/08 Dr. Ulrich Kaesbohrer, Pathologist, Germany
 10/07/08 - 11/07/08 Dr. Iakov Shimanovich - Dermatologist, Germany
 10/13/08 - 11/21/08 Dr. Joseph Kattampalil, Pathologist, Australia
 11/01/08 - 02/10/09 Dr. Ana Molina, Dermatology Resident, Spain
 12/10/08 - 12/17/08 Dr. Rolf Rudiger Meliss, Pathologist, Germany
 01/01/09 - 06/30/09 Dr. Kelly Ann Guggizberg, Pathologist, Canada
 01/01/09 - 09/30/09 Dr. Patricia Alvarez, Dermatologist, Peru
 01/01/09 - 12/31/09 Dr. Mowafak Hamodat, Pathologist, Canada

01/01/09 – 12/31/09	Dr. Najla AlGhanmi, Pathologist, Saudi Arabia
01/01/09 – 09/30/09	Dr. Palitha Ratnayake, Pathologist, Sri Lanka (Fulbright Scholar)
02/23/09 – 03/06/09	Dr. Denisa Kacerovska, Dermatopathologist, Czech Republic
02/23/09 – 03/06/09	Dr. Dmitry Kazakov, Dermatopathologist, Czech Republic
03/02/09 – 06/30/09	Dr. Nathalie Stutz, Dermatologist, Germany
03/10/09 – 03/31/09	Dr. Adolfo (“Jun”) Bormate, Dermatologist/Dermatopathologist, Philippines
06/01/09 – 10/15/09	Dr. Mirna Bradamante, Dermatologist, Croatia
07/01/09 – 09/30/09	Dr. Sofia Fernandez, Pathologist, Spain
07/01/09 – 06/30/10	Dr. Hanadi Fatani, Pathologist, Saudi Arabia
07/01/09 – 06/30/10	Dr. Homayoun Moslehi, Dermatologist, Iran
08/03/09 – 08/29/09	Dr. Emi Dika, Dermatologist, Italy
09/01/09 – 09/30/09	Dr. Ismini Vassilaki, Pathologist, Sweden
09/01/09 – 09/30/09	Dr. Narumol Thupimukavetana, Dermatologist, Thailand
09/01/09 – 09/30/09	Dr. Saranjit Wimoolchart, Dermatologist, Thailand
09/01/09 – 09/30/09	Dr. Pranee Kasemsan, Dermatologist, Thailand
09/01/09 – 09/30/09	Dr. Ni-on Rutmin, Dermatologist, Thailand
10/19/09 – 10/23/09	Dr. Ismini Vassilaki, Pathologist, Sweden
11/10/09 – 11/30/09	Dr. Marina Vozmitel, Pathologist, Belarus
01/01/10 – 06/30/10	Dr. Siegrid Broekaert, Dermatologist, Germany
01/01/10 – 03/18/10	Dr. Hsin-Ju Lin, Pathologist, Taipei, Taiwan
02/01/10 – 02/12/10	Dr. Suzan Kavusi, Dermatologist, Iran
03/01/10 – 05/14/10	Dr. Yann Charli-Joseph, Dermatologist, Mexico
04/01/10 – 11/30/10	Dr. Gonzalo de Toro, Pathologist, Chile
04/19/10 – 05/26/10	Dr. Borut Zgavec, Dermatologist, Slovenia
04/19/10 – 05/26/10	Dr. Neza Stopajnik, Dermatologist, Slovenia
04-01/10 – 05/31/10	Dr. Frederike Egberts, Dermatologist, Germany
05/03/10 – 10/29/10	Dr. Isabella Fried, Dermatopathologist, Austria
05/15/10 – 08/30/10	Dr. Blanca Moyano, Dermatologist, Spain
05/24/10 – 06/10/10	Dr. Doris Helbig, Dermatologist, Germany
07/01/10 – 06/30/10	Dr. Hanadi Fatani, Dermatologist, Saudi Arabia
07/01/10 – 06/30/12	Dr. Panitta Sitthinamsuwan, Dermatologist, Thailand
08/09/10 – 11/05/10	Dr. Mario Lima, Pathologist, Brazil
09/20/10 – 10/15/10	Dr. Tawny Hung, Pathologist, Canada
09/01/10 – 12/31/10	Dr. Blanca Martin, Dermatopathologist, Spain
09/01/10 – 08/30/11	Dr. Seham Marghalani, Dermatologist, Saudi Arabia
09/01/10 – 12/31/10	Dr. Sujay Khandpur, Dermatologist, India
09/01/10 – 08/30/11	Dr. Hyo Hyun Ahn, Dermatologist, Korea

TEACHING AIDS:

LeBoit PE, McCalmont TH. Cutaneous Neoplasms. 103rd. CTTR semi-annual seminar Dec 1997, San Francisco: Chase Consultants; 1997.

LeBoit PE, Harvell JD. Dermatopathology. The Pathology Master Series: Universal Multimedia, Inc., www.pathcds.com; 2001.

Course director, Dermatopathology Masters Series, MDLive (www.mdlive.net)

LeBoit PE. Introduction to Dermatopathology. Dermatopathology Masters Series, MDLive (www.mdlive.net)

LeBoit PE. “Vasculitis”, Dermatopathology Masters Series, MDLive (www.mdlive.net)

Section Head for Dermatologic Pathology, Faculty of 1000 Medicine

OTHER:

Updated 4/13/2010

See book (Maize J, Burgdorf W, Metcalf JS, Smith T, LeBoit PE, Solomon AR. *Cutaneous Pathology*, New York, Churchill Livingstone) published in 1998, which is being used as the textbook for the UCSF dermatopathology lectures to residents and fellows in dermatology and pathology.

See visiting professorships and service lectures listed under "Invited Presentations."

TEACHING AWARDS AND NOMINATIONS:

1988 Certificate of Appreciation, Dept. of Medicine and Surgery, Veterans Administration Medical Center, Martinez, CA
1992 Honorable Mention, Distinguished Teaching Award, Academic Senate, UCSF
1997 Teacher of the Year Award, Department of Dermatology, UCSF
2002 Herman Pinkus Memorial Lecture Award, American Society of Dermatopathology
2003 9th Bernard Ackerman Lecture Award, International Society of Dermatopathology
2004 Founders' Award, The American Society of Dermatopathology

SUMMARY OF TEACHING HOURS:

2004-05: 1000 hours (including preparation).
Formal class or course teaching hours: 100 hours
Informal teaching hours: 800 hours
Mentoring hours 100

2005-06: 1000 total hours of teaching (including preparation).
Formal class or course teaching hours: 100 hours
Informal teaching hours: 800 hours
Mentoring hours 100

2006-07: 1000 total hours of teaching (including preparation).
Formal class or course teaching hours: 100 hours
Informal teaching hours: 800 hours
Mentoring hours 100

2007-08: Total hours of teaching: 1000 (including preparation).
Formal class or course teaching : 100 hours
Informal teaching hours: 800 hours
Mentoring hours: 100

2008-09: Total hours of teaching: 1000 (including preparation).
Formal class or course teaching: 100 hours
Informal teaching hours: 800 hours
Mentoring hours: 100

2009-10 Total hours of teaching: 1000 (including preparation).
Formal class or course teaching: 100 hours
Informal teaching hours: 800 hours
Mentoring hours: 100

2010-11 Total anticipated hours of teaching: 1000 (including preparation).
Formal class or course teaching: 100 hours
Informal teaching hours: 800 hours
Mentoring hours: 100

TEACHING NARRATIVE

Medical Student Teaching

The Pre-Fall Quarter of Pathology 101 introduces basic concepts of disease, such as inflammation and neoplasia. For several years, I led a "small group discussion" that directly follows the lectures on each subject. In addition, several medical students, in their fourth year of training, have chosen to spend a month with me as a preceptor in dermatopathology. This elective appears on their schedules as a generic "Pathology" elective. Medical students who are post-sophomore fellows in pathology have also rotated through dermatopathology on many occasions (see list of Pathology Clerkships). Several have done projects that resulted in publications.

Resident Teaching

As a dermatopathologist who does not practice general pathology, my expertise is best utilized in postgraduate training. A part of each day at UCSF is spent on the multiheaded microscope with pathology and dermatology residents. Although I sign-out a large volume of biopsy slides, I try to find a teaching point in each one, and try to engage pathology and dermatology residents in an approach to diagnosis that can serve them outside of dermatopathology.

Dermatopathology is an elective in the Pathology residency program. Dermatopathology is an integral part of the residency program in dermatology, and training in it is indeed required by the American Board of Dermatology for certification. Dermatology residents thus have three full months of training at the microscope during their residencies. We have visiting dermatology and pathology residents from other training programs on a regular basis, and many of them have gone on to careers in dermatopathology. Aside from teaching at the microscope, the dermatopathology faculty provide a comprehensive formal lecture series (30-40 one hour sessions/year), covering the important topics in the field. These are attended by all of the pathology and dermatology residents, as well as some rotating students and fellows. I deliver 10-15 such lectures per year.

Fellowship Teaching

The subspecialty of dermatopathology is recognized by a certificate of special competence, issued jointly by the American Board of Pathology and the American Board of Dermatology. The examination for the certificate is only open to graduates of accredited fellowship programs, of which there are only approximately 35 currently accepting candidates in the United States. The fellowship is open to board certified or eligible graduates of either Pathology or Dermatology residencies and is for either one or two years (the board requirement is one year). Half of the required year is spent training in the opposite discipline (i.e., pathology for a graduate of dermatology, dermatology for a pathology graduate) and half in dermatopathology. As program Director, I initiated our ACGME-accredited fellowship in 1989. Fourteen fellows have now graduated and have passed the examination for the certificate of special competence. The American Board of Pathology asked me to serve on their Test Committee for dermatopathology. This committee writes questions for both the Anatomic Pathology Board examination and for the examination for the certificate of special competence in dermatopathology. I served on the committee from 1992 through 1994. I was director of the fellowship program at UCSF, from its foundation until earlier this year.

Graduates of our fellowship program have gone on to positions in both academic departments and in private practice. Directors of dermatopathology among our graduates include Dr. J. Andrew Carlson (Albany Medical College), and graduates serve on the faculty at Yale (Shawn Cowper) and UCSF (Drs. McCalmont and Ruben).

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AWARDS AND GRANTS

CURRENT

None

PENDING

None

PAST

1985REAC, UCSF, MSC71: "Abnormal Lymphocyte Phenotypes in Cutaneous Lymphoma."

PEER REVIEWED PUBLICATIONS:

- *1. LeBoit PE, Greene I: Lichen amyloidosis in identical twins. *Pediatr Dermatol* 3:244-246, 1986.
- *2. Jacobs D, Sandles L, LeBoit PE: Sebaceous carcinoma arising in Bowen's disease of the vulva. *Arch Dermatol* 122:1191-1193, 1986.
- *3. LeBoit PE, Yen TB, Wintroub B: The evolution of lesions in erythema elevatum diutinum. *Am J Dermatopathol* 8:392-402, 1986.
- *4. LeBoit PE: Cutaneous lymphomas and their histopathologic imitators. *Sem Dermatol* 5: 322-333, 1986.
5. Koch S, LeBoit PE, Odom R: Laugier-Hunziker syndrome. *J Am Acad Dermatol* 16:431-434, 1987.
- *6. LeBoit PE and Parslow TG: Gene rearrangements in cutaneous lymphoma: applications to Dermatopathology. *Am J Dermatopathol* 9:212-218, 1987.
- *7. LeBoit PE, Fletcher HV: A comparative study of Spitz nevus and malignant melanoma using image analysis cytometry. *J Invest Dermatol* 88:753-757, 1987.
- *8. LeBoit PE, Beckstead JH, Bond B, Epstein W, Frieden I, Parslow TG: Granulomatous slack skin: Clonal T-cell receptor beta-chain rearrangement in a cutaneous elastolytic disorder. *J Invest Dermatol* 89:183-186, 1987.
- *9. LeBoit PE, Schneider S: Gout presenting as lobular panniculitis. *Am J Dermatopathol* 9:334-338, 1987.
10. Koch SE, Zackheim HS, Williams ML, Fletcher V, LeBoit PE: Mycosis fungoides beginning in childhood and adolescence. *J Am Acad Dermatol* 17:563-70, 1987.
- *11. LeBoit PE, Parslow T, Choy SH: Hair matrix differentiation. *Am J Dermatopathol* 9:399-405, 1987.
- *12. LeBoit PE, Zackheim H, White CR: Granulomatous variants of cutaneous T-cell lymphoma. *Am J Surg Pathol* 12(2):83-95, 1988.
13. Lineweaver W, LeBoit PE, Wang TN: Pilomatrix carcinoma. *J Surg Oncol* 37:171-174, 1988.
14. Friedman KJ, LeBoit PE, Vogelsang GB, Santos GW, Farmer ER: Acute follicular graft vs. host disease: A distinct clinical-pathologic presentation. *Arch Dermatol* 124:688-91, 1988.
- *15. LeBoit PE, Berger T, Egbert BM, Yen TSB, Stoler M, Gonfiglio TA, Strauchen JA, English C, Wear D: Epithelioid haemangioma-like vascular proliferation in AIDS: Manifestation of cat scratch disease bacillus infection? *Lancet* i:960-3, 1988.
- *16. LeBoit PE, Abel E, Williams M, Wood GS, Parslow TG: Clonal rearrangement of the T-cell receptor b gene in circulating lymphocytes of erythrodermic follicular mucinosis. *Blood* 71:1329-33, 1988
17. Koehler JE, LeBoit PE, Egbert BM, Berger TG: Cutaneous vascular lesions in patients with Acquired Immunodeficiency Syndrome (AIDS), and AIDS-related complex. Clinical manifestations of disseminated cat scratch disease. *Ann Int Med* 109:449-455, 1988.
- *18. LeBoit PE: Subacute radiation dermatitis: A histopathologic imitator of acute cutaneous graft vs. host disease. *J Am Acad Dermatol* 20:236-241, 1988.
- *19. LeBoit PE, Berger T, Egbert BM, Beckstead JH, Yen TB, Stoler M: Bacillary angiomatosis: The histopathology and differential diagnosis of a pseudoneoplastic infection in patients with HIV infection. *Am J Surg Pathol* 13:909-920, 1989.
- *20. Berger TG, Tappero JW, LeBoit PE: Bacillary angiomatosis and concurrent Kaposi's sarcoma in AIDS. *Arch Dermatol* 125:1543-1547, 1989.

- *21. LeBoit PE. Lobular capillary proliferation: The underlying process in diverse benign cutaneous vascular neoplasms and reactive conditions. *Sem Dermatol* 8:298-310, 1989.
- 22. Cockerell CJ, LeBoit PE: Bacillary angiomatosis: A newly characterized pseudoneoplastic, infectious, cutaneous vascular disorder. *J Am Acad Dermatol* 22:501-512, 1990.
- 23. Tahan J, LeBoit PE, Frieden IJ: Inflammatory nodule on the scalp. *Pediatr Dermatol* 7:153-155, 1990.
- *24. Stanton O, LeBoit PE: A dramatic tissue artifact that mimics morphea or scleroderma. *J Am Acad Dermatol* 23:513-514, 1990.
- 25. Barron AL, Steinbach LS, LeBoit PE, Mills CM, Gell JH, Berger TG: Osteolytic lesions and bacillary angiomatosis in AIDS patients: A basis for radiologic differentiation from Kaposi's sarcoma. *Radiology* 177:77-81, 1990.
- *26. West A, Berger T, LeBoit PE: A comparative histopathologic study of photodistributed and nonphotodistributed lichenoid drug eruptions. *J Am Acad Dermatol* 23:689-693, 1990.
- *27. LeBoit PE, Epstein BA: A vase-like shape characterizes the epidermal-mononuclear cell aggregates in spongiotic dermatitis. *Am J Dermatopathol* 12:612-617, 1990.
- *28. Perkocho LA, Geaghan SM, Nishimura SL, Chan SP, Garcia-Kennedy R, Honda G, Stoloff AC, Klein HZ, Goldman RL, Van Meter S, Yen TSB, Ferrell LD, LeBoit PE: Clinical and pathologic features of bacillary peliosis hepatis in association with human immunodeficiency virus infection. *New Engl J Med* 323:1581-1586, 1990.
- 29. Sandler ED, LeBoit PE, Wenig BM, Mortensen N: *Pneumocystis carinii* otitis media in AIDS. *Otolaryngol Head Neck Surg* 103:817-821, 1990.
- *30. LeBoit PE, Barr RJ, Burrall S, Metcalf JS, Yen TB, Wick MR: Primitive polypoid granular cell tumor and other cutaneous granular cell neoplasms of apparent non-neural origin. *Am J Surg Pathol* 15:48-58, 1991.
- 31. Berger TG, Sawchuck WS, Leonardi C, Langenberg A, Tappero J, LeBoit PE: Epidermodysplasia verruciformis-associated papillomavirus infection complicating human immunodeficiency virus disease. *Br J Dermatol* 124:79-83, 1991.
- 32. Rosenthal D, LeBoit PE, Klump L, Berger TG: HIV-associated eosinophilic folliculitis: A unique dermatosis associated with advanced HIV infection. *Arch Dermatol* 127:206-209, 1991.
- *33. Langenberg A, Yen TSB, LeBoit PE: Granulomatous vasculitis following herpes zoster in the absence of detectable viral genome. *J Am Acad Dermatol* 24:429-433, 1991.
- 34. Metcalf JS, Maize JC, LeBoit PE: Circumscribed storiform collagenoma (sclerosing fibroma). *Am J Dermatopathol* 13:122-139, 1991.
- 35. Staunton MR, Scully MC, LeBoit PE, Aronson FR: Life threatening bullous skin eruptions during interleukin-2 therapy. *J Natl Cancer Inst* 83:56-57, 1991.
- 36. Wick MR, Swanson PE, LeBoit PE, Strickler JG, Cooper PH: Lymphoepithelioma-like carcinomas of the skin with possible pilar differentiation. *J Cutan Pathol* 18:93-102, 1991.
- *37. LeBoit PE: Variants of mycosis fungoides and related cutaneous T-cell lymphomas. *Sem Diagn Pathol* 8:73-81, 1991.
- *38. LeBoit PE: Bacillary angiomatosis: A systemic opportunistic infection with prominent cutaneous manifestations. *Sem Dermatol* 10:194-198, 1991.

- *39. LeBoit PE: Dermatopathologic findings in patients infected with HIV. *Dermatol Clin* 10:59-72, 1992.
- *40. Chu P, LeBoit PE: An eruptive vascular proliferation resembling "tufted" hemangioma in the recipient of a liver transplant. *J Am Acad Dermatol* 26:322-325, 1992.
- *41. LeBoit PE, Limova M, Yen TSB, Palefsky JM, White CR, Berger TG: Chronic verrucous varicella-zoster infection in patients with the acquired immunodeficiency syndrome: Histologic and molecular biologic findings. *Am J Dermatopathol* 14:1-8, 1992.
- 42. Kardassakis D, Grekin R, LeBoit PE: Laser skin testing. *Ann Allerg Immunol* 68:279-285, 1992.
- *43. LeBoit PE, Crutcher W, Shapiro P: Pagetoid epidermal spread in cutaneous neuroendocrine (Merkel cell) carcinoma. *Am J Surg Pathol* 16:584-592, 1992.
- *44. Chu P, LeBoit PE: The histologic features of cutaneous sinus histiocytosis (Rosai-Dorman disease): Cases with and without systemic involvement. *J Cutan Pathol* 19:201-206, 1992.
- 45. Kershenovich J, Langenberg A, Odom RB, LeBoit PE: Dowling-Degos disease mimicking chloracne. A case report and review of the spectrum of Dowling-Degos disease. *J Am Acad Dermatol* 27:345-348, 1992.
- 46. Koehler JE, Quinn FD, Berger TG, LeBoit PE, Tappero JW: Isolation of *Rochilimaea species* from cutaneous and osseous lesions of bacillary angiomatosis. *N Engl J Med* 327:1625-31, 1992.
- *47. LeBoit PE, Solomon AR, Santa Cruz DJ, Wick MR: Angiomatosis with luminal cryoprotein deposition. *J Am Acad Dermatol* 27:969-73, 1992.
- 48. Zackheim HS, LeBoit PE, Gordon BI, Glassberg AB: Lymphomatoid papulosis followed by Hodgkin's lymphoma. *Arch Dermatol* 129:86-91, 1993.
- 49. Tappero JW, Koehler JE, Berger TG, Cockerell CJ, Lee T-H, Busch MP, Stites DP, Mohle-Boitani J, Reingold AL, LeBoit PE: Bacillary angiomatosis occurring in apparently immunocompetent hosts. *Ann Intern Med* 118:363-365, 1993.
- 50. Tappero JW, Moehle-Boitani J, Koehler JE, Swaminthan B, Berger TG, LeBoit PE, Smith LL, Wenger JD, Pinner RW, Kemper CA, Reingold AL: The epidemiology of bacillary angiomatosis and bacillary peliosis hepatitis. *JAMA* 269:770-775, 1993.
- *51. LeBoit PE, Cockerell CJ: Nodular lesions of erythema elevatum diutinum in patients infected with the human immunodeficiency virus. *J Am Acad Dermatol* 28:919-922, 1993.
- 52. Egbert BM, LeBoit PE, McCalmont T, Hu C-H, Austin C: Caterpillar bodies: Distinctive basement membrane-containing structures in prophyria cutanea tarda, pseudo-porphyrria cutanea tarda, and erythropoietic protoporphyria. *Am J Dermatopathol* 15:199-202, 1993.
- 53. Limova M, Blacker KL, LeBoit PE: Congenital absence of dermatoglyphs. Report of a case and review of the literature. *J Am Acad Dermatol* 29:355-358, 1993.
- 54. Argenyi ZB, LeBoit PE, Santa Cruz DS, Swanson PE, Kutzner H: Nerve sheath myxoma (neurothekeoma) of the skin is distinct from so-called cellular neurothekeoma. *J Cutan Pathol* 20:294-303, 1993.
- *55. LeBoit PE, Sexton M: Microcystic adnexal carcinoma: A reappraisal of the differentiation and differential diagnosis of an underrecognized neoplasm. *J Am Acad Dermatol* 29:609-618, 1993.
- 56. Kerschmann RL, McCalmont TH, LeBoit PE: p53 oncoprotein expression and proliferation index in keratoacanthoma and squamous cell carcinoma. *Arch Dermatol* 130:181-186, 1994.
- *57. Magee JW, McCalmont TH, LeBoit PE: Overexpression of p53 tumor suppressor gene in porokeratosis. *Arch Dermatol* 130:187-190, 1994.

58. Thompson CT, LeBoit PE, Nederlof GM, Gray JW: Thick section fluorescence in-situ hybridization (FISH) on formalin-fixed, paraffin-embedded archival tissue provides a histogenetic profile. *Am J Pathol* 144:237-243, 1994.
59. Matsuda M, Matuta M, Akasaka T, Kon S, LeBoit PE, Gray JW: Interphase cytogenetics of melanocytic neoplasms: Numerical aberrations of chromosomes can be detected in interphase nuclei using centromeric DNA probes. *J Cutan Pathol* 21:1-6, 1994.
- *60. LeBoit PE, Barr RJ: Smooth muscle proliferation in dermatofibroma. *Am J Dermatopathol* 16:155-160, 1994.
- *61. LeBoit PE: Granulomatous slack skin. *Derm Clin* 12:375-389, 1994.
62. Argenyi ZB, Cain C, Bromley C, Nguyen AV, Abraham AA, Kerschmann RL, LeBoit PE: S-100-negative malignant melanoma: Fact or fiction? *Am J Dermatopathol* 16:233-239, 1994.
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NARRATIVE RE MY ROLE IN FIVE RECENT STUDIES

Pincus LB, LeBoit PE, McCalmont TH, Ricci R, Bucio C, Fox LP, Oliver F, Cerroni L.
Subcutaneous panniculitis-like T-cell lymphoma with overlapping clinicopathologic features of lupus erythematosus: coexistence of two entities? Am J Dermatopathol 2009 Aug;31(6):520-6. PMID: 19590424.

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This paper, which recently was awarded the Weedon Prize by the International Society of Dermatopathology as the best paper published in 2009 describes a major problem, the morphologic overlap between lupus profundus and a lymphoma that simulates it, and the possible biologic relationship between the two. I have lectured on this problem for several years. I collected several of the cases, proposed some fundamental ideas and helped prepare the manuscript and respond to requests for revisions.

Gerami P, Jewell SS, Morrison LE, Bloning B, Schulz J, Ruffalo T, Matushek P 4th, Legator M, Jacobson K, Dalton SR, Charzan S, Kolaitis NA, Guitart J, Lersbarapa T, Boone S, LeBoit PE, Bastian BC. Fluorescence in situ hybridization (FISH) as an ancillary diagnostic tool in the diagnosis of melanoma. Am J Surg Pathol 2009 Aug;33(8):1146-56. PMID: 19561450.

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The search for ancillary tools to distinguish melanoma from its histopathologic simulants has heretofore largely been based on immunohistochemistry, which has yielded limited results. Building on observations from comparative genomic hybridization, we constructed a FISH probe set that could recognize common aberrations in melanoma (but not in nevi) in routinely processed tissue. My involvement included participation in the CGH studies that led to the identification of these loci, collection of cases of simulants of melanoma to include in the study, study design and drafting of the manuscript.

Hope TA, High WA, LeBoit PE, Chaopathomkul B, Rogut VS, Herfkens RJ, Brasch RC. Nephrogenic systemic fibrosis in rats treated with erythropoietin and intravenous iron. Radiology, 2009 Nov;253(2):390-8. Epub 2009 Sep 29. PMID: 19789237.

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This experimental study assessed whether the addition of intravenous iron and erythropoietin, substances commonly given to human patients in renal failure facilitated the onset of nephrogenic systemic fibrosis (NSF). My participation involved the first description of NSF, generation of the hypothesis that iron and erythropoietin may play a role and the examination of tissue to determine whether the disease was present.

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Cerroni L, Barnhill R, Elder D, Gottlieb G, Heenan P, Kutzner H, LeBoit PE, Mihm M Jr, Rosai J, Kerl H. Melanocytic tumors of uncertain malignant potential: Results of a tutorial held at the XXIX Symposium of the International Society of Dermatopathology in Graz, October 2008. Am J Surg Pathol. 2010; 34:314-320. PMID: 20118771.

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MELTUMPs are melanocytic neoplasms with some features of melanoma, that fall short of being diagnostic for it. This paper involved an expert panel of dermatopathologists, including me, who were given 53 cases and asked to score them for a variety of histopathologic criteria held to be important in the literature. My involvement included scoring the cases, participating in the panel discussion, preparing the manuscript and responding to requests for revisions.

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Dalton SR, Gerami P, Klaitis NA, Charzan S, Werling R, LeBoit PE, Bastian BC. Use of fluorescence in situ hybridization (FISH) to distinguish intranodal nevus from metastatic melanoma. Am J Surg Pathol 2010 Feb;34(2):231-7. PMID: 20087158.

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Continuing with the work started in the citation above by Gerami et al., we applied a FISH panel to lymph nodes in which the question of melanoma vs. nodal nevus was problematic. Nevi, benign clusters of melanocytes can be found in lymph nodes in up to 5% of sentinel node biopsies, with considerable morbidity (from inappropriate node dissection) and mis-staging if they are mistaken for melanoma. My involvement in this study included participating in the study design, examining the cases, and helping to prepare the manuscript.

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83. Brasch RC, Chaopathomkul B, Rogut VS, Fu Y, Saeed S, LeBoit PE. Modeling nephrogenic systemic fibrosis in renal failure rats testing three gadolinium-based contrast media in clinically relevant dosages.

RESEARCH PROGRAM (SEPARATE SUMMARY)

I have several areas of ongoing and continuing research within the field of dermatopathology.

Cutaneous lymphomas and lymphocytic infiltrates are often perplexing, and represent difficult diagnostic problems. In addition, many of the cutaneous lymphocytic infiltrates are of unclear nosology. Recently, immunophenotyping and genotyping have elucidated some of these unusual conditions. Working with Tris Parslow, M.D., Ph.D., whose primary interest in lymphocyte molecular biology, we succeeded in identifying clonal rearrangements of the T-cell receptor α -chain gene in granulomatous slack skin, an unusual condition that was at one time thought to be inflammatory or autoimmune (LeBoit et al, J Invest Dermatol 89:183-186, 1987). Erythrodermic follicular mucinosis represents another such unusual condition that analysis of the T-cell receptor α -chain gene reveals is lymphoproliferative as well (LeBoit et al, Blood 71:1329-33, 1988). An article on a low grade, under-recognized form of B-cell lymphoma, termed immunocytoma, was the subject of the lead article in a recent issue of the American Journal of Surgical Pathology (LeBoit et al, Am J Surg Pathol 18:969-978, 1994). We recently published the first comprehensive paper on cutaneous lymphoma in HIV infected patients (Arch. Dermatol. 131:1281-5, 1995), and the first large series on the natural history of patients with mycosis fungoides who present with a single lesion (Cerroni et al, Am J Dermatopathol. 21:518-24, 1999). In collaboration with Stanford University we are studying several rare

Updated 4/13/2010

forms of cutaneous lymphoma (Haghighi et al. *Modern Pathol* 13[5]:502-10, 2000; Natkunam et al. *J Cutan Pathol* 27: 392-99, 2000; Mraz-Gernhard et al. *J Clin Oncol* 19(8):2179-88, 2001). In collaboration with Dr. Gunter Burg, University of Zurich, I co-edited a monograph, *Cutaneous Lymphomas: Unusual cases* (Steinkopff Verlag Darmstadt, Berlin, 2001). We have merged our experience with lymphoma evolving from lupus panniculitis with that of the University of Graz, Austria (submitted, *Br. J. Dermatol.*).

The most active current research interest of mine is the application of molecular cytometry and genomics to dermatopathology. I am particularly interested in the relationship between Spitz nevi and malignant melanoma, two melanocytic neoplasms, one benign one malignant, that may look similar under the light microscope. I initially studied these lesions using image analysis cytometry. The study that was published (LeBoit PE, Fletcher HV, *J Invest Dermatol* 88:753-7, 1987) demonstrates that although hyperdiploid DNA content can be seen in both lesions, comparison of the superficial vs. deep portions of the lesions reveal significant differences with regard to both nuclear cross-sectional area and nuclear DNA content. This finding was judged of sufficient interest that I was invited to speak on the cytometric evaluation of melanocytic tumors at the International Academy of Pathology meeting in March, 1989. Dr. Curtis Thompson, a resident in pathology, spent two years doing research in the Laboratory for Cell Analysis under the joint supervision of myself and Dr. Joe Gray. We applied two recently developed techniques, competitive genomic hybridization and fluorescence in situ hybridization, to melanocytic neoplasms to determine if we can identify specific genetic markers that correlate with melanocytic tumor progression. An abstract describing preliminary work in this area was presented at the Society for Investigative Dermatology this year (*J Invest Dermatol* 98:626, 1992) and we published two papers, one regarding methodology (*Am J Pathol* 144:237-243, 1994) and one comparing several classes of melanocytic neoplasms (*J Cutan Pathol* 21:1-6, 1994) from this work. My main collaboration at this time is with Dr. Boris Bastian, a dermatologist who was on the faculty at Univ. of Wurzburg, Germany who has joined the Dept. of Dermatology at UCSF. I played the lead role in his recruitment and have helped sponsor his research in the Cancer Center for the last two years. Our collaboration led to the publication of several papers on the molecular biology of melanocytic neoplasms (Bastian BC et al, *Cancer Research* 58:2170-5, 1998; Bastian BC et al, *J Invest Dermatol.* 113:1065-9, 1999; Bastian BC et al, *Cancer Research* 60:1968-73, 2000). We have since demonstrated that the "proliferative nodules" in large congenital nevi are only partially transformed neoplasms and not melanoma (*Am J Pathol.* 2002 Oct;161(4):1163-9). These efforts have led to the development of both CGH and FISH as diagnostic techniques for melanocytic lesions here at UCSF.

In 1997, I was approached by Sharp Healthcare in San Diego, CA to investigate the outbreak of a skin disease among renal transplant recipients. Through slide consultations and by examining patients on site in San Diego, we determined that the condition resembled a rare condition called scleromyxedema. Through identifying additional cases through our consultative practice, we were able to determine that the disease was not limited to this site. We also determined that the condition differed from idiopathic scleromyxedema in important ways (*Lancet* 2000; 356:1000-1). Further clinical and immunohistochemical details of the condition, which we are calling nephrogenic fibrosing dermopathy are described in *Am J Dermatopathol* 23(5): 383-93, 2001. We collaborated with the CDC in investigating this condition, and participated as the lead institution in an MMWR report. The most likely cause of the condition, now renamed nephrogenic systemic fibrosis is exposure to Gadolinium containing contrast agents. I am currently collaborating with Dr. Robert Brasch on an experimental model of the condition, and with a multi-campus group to publish a case definition.

SUMMARY OF MOST SIGNIFICANT RECENT PUBLICATIONS

1. Fung MA, LeBoit PE. Light microscopic criteria for the diagnosis of early vulvar lichen sclerosus: A comparison with lichen planus. *Am J Surg Pathol* 22(4):473-478, 1998.

Both lichen planus and lichen sclerosus are diseases that affect vulvar skin, and cause chronic debility. Their treatments are different. While the fully developed stages of both conditions are well described in textbooks, their early changes are not. We studied early lesions of lichen sclerosus, or the edges of well established lesions, and concluded that there is a constellation of features that enables the differentiation of this disease both from lichen planus and from "nonspecific" dermatitis. I conceived this study, designed its structure and supervised the writing of the manuscript by Dr. Fung, then a dermatology resident.

2. Aszterbaum M, Epstein J, Oro, A, Douglas V, LeBoit PE, Scott MP, Epstein EHJr. Ultraviolet and ionizing radiation enhance the growth of BCCs and trichoblastomas in patched heterozygous knockout mice. *Nature Med* 5(11):1285-91, 1999.

A group at UCSF, Stanford and Columbia University recently linked mutations in the *patched* gene to the basal cell nevus syndrome, an inherited condition in which there are many ectodermal defects and a striking propensity to develop basal cell carcinoma. They also found mutations in *patched* in sporadic basal cell carcinomas. This study used genetically engineered mice who were +/- for *patched*, and determined that follicular germinative neoplasms resembling the benign human analogue of basal cell carcinoma arose in these mice when they were exposed to UV or

to ionizing radiation. Furthermore, tiny proliferations of follicular germinative cells emanated from the hair follicles of these mice even without further stimulation. My role in this study was to characterize the nature of these proliferations, which the other investigators had initially believed to be fully developed basal cell carcinomas. This study implies that defects in patched are present in a range of follicular neoplasms and that other hits play a role in the development of fully evolved basal cell carcinomas.

- 3 Bastian BC, Wesselmann U, Pinkel D, LeBoit PE. Molecular cytogenetic analysis of Spitz nevi shows clear differences to melanoma. *J. Invest. Dermatol.* 113:1065-9, 1999.

Spitz nevus is a benign neoplasm of melanocytes, but is easily mistaken for melanoma on microscopic examination, leading to undertreatment of the lesion and sometimes to recurrence and metastatic disease. The distinction between Spitz nevus, which does not metastasize, and melanoma, which does, cannot be made in many cases because both can have large, atypical nuclei and a high mitotic rate. We determined that most Spitz nevi do not have chromosomal amplifications or deletions, unlike melanomas, which nearly always do, and that there is a characteristic amplification of 11p that occurs in Spitz's nevus but not in melanoma. These differences are hopefully the basis for a molecular diagnostic approach to this differential diagnosis. I first had the idea of applying this technique to the problem, confirmed the nature of the cases used for the study, and wrote portions of the introduction and discussion.

- 4 Cowper SE, Robin HS, Steinberg SM, Su LD, Gupta S, LeBoit PE. Scleromyedema-like cutaneous diseases in renal-dialysis patients. *The Lancet.* 356:1000-01, 2000.

- 5 Cowper SE, Su LD, Bhawan J, Robin HS, LeBoit PE. Nephrogenic fibrosing dermopathy. *Am J Dermatopathol* 3(5): 383-93, 2001

The research letter (#4) describes the outbreak of a new condition in renal dialysis patients. The condition differs from idiopathic scleromyxedema in that it lacks a paraprotein, spares the face and is not associated with mucin deposition in internal organs, but shares with it a proliferation of fibrocytes in the dermis, along with increased interstitial mucopolysaccharide deposition. The histopathologic features differ from those of the idiopathic disease by virtue of an absence of inflammatory cells, especially plasma cells, and no large deposits of mucin. The follow up paper (#5) details the histopathology and immunophenotypic attributes of the spindle cells of this condition, which was the subject of a CDC and California Health Department investigation, in collaboration with our group. I was the principal author of both papers.