

Curriculum Vitae

DAVID J. LEFFELL, MD

APPOINTMENTS

David Paige Smith Professor of Dermatology & Surgery
Chief, Section of Dermatologic Surgery and Cutaneous Oncology
Department of Dermatology
Yale University School of Medicine
Yale Dermatologic Surgery
40 Temple Street, 5th Floor, Suite 5A
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333 Cedar Street
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EDUCATION

1973-1977: Yale College, New Haven, CT: BS, cum laude; Special Distinction in Biology
1977-1981: McGill University Faculty of Medicine, Montreal: MD, CM
1999: Yale University, New Haven, CT: MS, Honorary

CAREER

July 1981- June 1982:
Intern, internal medicine: Cornell Cooperating Hospitals (Memorial-Sloan Kettering Cancer Center, New York, NY and North Shore University Hospital, Manhasset, NY)
July 1982- June 1984:
Resident in internal medicine: Cornell Cooperating Hospitals, New York, NY
July 1982- June 1984:
Clinical Associate in Medicine, Cornell University Medical College, New York, NY
July 1984- June 1986:
Resident in dermatology, Yale New Haven Hospital, New Haven, CT
July 1986- June 1987:
N.I.H. Post-doctoral Research Fellow, Department of Dermatology, Yale University School of Medicine, New Haven, CT

July 1986- June 1987:
Staff dermatologist, Yale University Health Services

July 1987- June 1988:
Fellow, Mohs and dermatologic surgery, University of Michigan Medical School, Ann Arbor,
MI

July 1987- June 1988:
Lecturer in Dermatology, University of Michigan School of Medicine, Ann Arbor, MI

July 1988- June 1993:
Assistant Professor of Dermatology, Yale University School of Medicine, New Haven, CT

July 1988- present:
Director, Dermatologic Surgery Unit, Yale University School of Medicine, New Haven, CT

July 1988- present:
Attending dermatologist, West Haven Veterans Administration Medical Center, West Haven, CT

July 1988 – present:
Attending dermatologist, Yale-New Haven Hospital, New Haven, CT
Director, Dermatologic Surgery Unit, Yale University School of Medicine, New Haven, CT

July 1988- June 1998:
Clinical Director, Dermatology Practice, Department of Dermatology, Yale University School of Medicine, New Haven, CT

July 1993- June 1994:
Associate Professor, Dermatology, Yale University School of Medicine, New Haven, CT

July 1993- present:
Attending dermatologist (courtesy), Hospital of St. Raphael, New Haven, CT

July 1994- June 1998:
Associate Professor, Dermatology, Plastic Surgery and Otolaryngology, Yale University School of Medicine, New Haven, CT

July 1998- present:
Professor, Dermatology and Surgery (Otolaryngology and Plastic Surgery), Yale University School of Medicine, New Haven, CT

April 1996- May 1999:
Medical Director, Yale Faculty Practice, Yale University School of Medicine, New Haven, CT

Sept 1998- June 2000:
Associate Dean for Clinical Affairs, Yale University School of Medicine, New Haven, CT

May 1999- present:
Director, Yale Medical Group, Yale University School of Medicine, New Haven, CT

June 2000- Feb 2005:
Senior Associate Dean for Clinical Activities and Strategic Planning (Clinical Affairs), Yale School of Medicine

Feb 2005- present:
Deputy Dean for Clinical Affairs, Yale University School of Medicine, New Haven, CT

Jan 2009-**David Paige Smith Professor of Dermatology & Surgery**

SPECIALTY CERTIFICATION

American Board of Dermatology, 12/87; 2010 recertified
American Board of Internal Medicine, 9/12/84 No. 095569

National Board of Medical Examiners, 7/1/82 No. 257001
Medical Council of Canada, 8/30/82 No. 54185
Fellow, American College of Mohs Micrographic Surgery and Cutaneous Oncology, 3/91

PROFESSIONAL ORGANIZATIONS

American Academy of Dermatology
American Dermatologic Association
American College of Physician Executives
American College of Mohs Micrographic Surgery and Cutaneous Oncology
American Society for Dermatologic Surgery
American Society for Lasers in Medicine and Surgery
Association of Academic Dermatologic Surgeons
Society for Investigative Dermatology
Skin Cancer Foundation
Dermatology Foundation
International Transplant-Skin Cancer Collaborative
Connecticut Dermatology Society
New England Dermatologic Society
Connecticut State Medical Society
New England Cancer Society
American Medical Association
New Haven County Medical Association

HONORS

1. Young Investigator Award, American Society for Dermatologic Surgery, 1988
2. Yale College, *cum laude* with Special Distinction in Biology, 1977
3. Fellow, Pierson College, Yale University, 1989-
4. Best Doctors in America, 1995-present
5. Best Doctors in America, Castle and Connolly, 1998-present
6. Best Doctors in New York, Castle and Connolly, 2000-present
7. Best Doctors for Men in the Northeast, Men's Health Magazine
8. Best Doctors in Connecticut, Connecticut Magazine
9. Who's Who in Medicine
10. Who's Who in America
11. Who's Who in Engineering
12. Arts Council of New Haven, for the Yale Faculty Practice ArtPlace Exhibit

GRANTS

1. NIH: Genetic alterations in basal cell carcinoma development. (Allen Bale, MD, PI)
RO1CA57605, 3/1/94-2/28/97, 5% effort \$166,139
2. The p53 Tumor Suppressor Gene in Normal Skin. **ACS CN-102**, with D. Brash, PhD, 1994
3. The genetics of basal cell cancer. **Skin Cancer Foundation Research Award** with Dr. Allen Bale, 1990
4. Tumor Suppressor Genes in Basal Cell Carcinoma. **Collaborative Research Award - Comprehensive Cancer Center** with Dr. Alan Bale, 1990
5. **Society for Aesthetic and Plastic Surgery**: The effect of retinoids on dermabrasion wound healing, 1989 (PI) \$5,000

6. Frederic E. Mohs Award, **The Skin Cancer Foundation**: The localization of interleukin-1 mRNA in aggressive growth basal cell carcinomas, 1987 (PI) \$10,000
7. **Dermatology Foundation** Research Grant: The interplay between the thymus and epidermal cytokines in wound healing, 1986, (PI) \$10,000
8. NIH: Novel, Noninvasive Biomarker of Fruit & Vegetable Intake, (Susan Mayne, MD, PI) **R01 #CA096838-01A1**, 4/1/03-3/31/06, 10% effort \$300,225
9. NCI: Chemoprevention for nevoid basal cell carcinoma syndrome, (Allen Bale, MD, PI), 2003; 5% effort
10. State of Connecticut Cancer Prevention Grant (through Centers for Disease Control): Skin cancer Prevention Through Education in Primary School Grades, \$60,000

SPONSORED RESEARCH

1. **Chemex Inc.:** A double-blind study of Actinex (CHX 2053) to determine sensitization potential, 1992, (PI) for amount see #9
2. **Chemex, Inc.:** A double-blind study to evaluate the effect of Actinex (CHX 2053) in the treatment of actinic keratoses and pre-malignant keratoses, 1990, (PI) about \$100,000
3. **Beiersdorf Inc.:** A paired comparison of the efficiencies of Diprolene topical steroid and Eucerin ointment in the treatment of psoriasis, 1990, (PI) \$5,000
4. **Ascent Pharmaceuticals, Inc.:** The use of topical cromolyn the treatment of early proliferative hemangiomas, 1993, (PI) \$12,000
5. **Biocore, Inc.:** Stimulation of cutaneous wound healing with lyophilized bovine collagen, 1995, (PI) \$15,000
6. **Organogenesis Inc.:** The use of biological skin equivalent (Graftskin) in the repair of fresh surgical wounds, 1994, (PI) \$60,000
7. **Organogenesis Inc.:** The use of biological skin equivalent (Graftskin) in the repair of fresh surgical wounds, 1997, (PI) \$75,000
8. **Arthrocare, Inc.:** Phase I, human study of a non-laser device for epidermal and dermal resurfacing, 1997, (PI) \$100,000
9. **Proneuron, Inc.:** Phase I/II, PN105 in wound healing, \$100,000
10. **Arthrocare, Inc.:** Phase II, human study of a non-laser device for epidermal and dermal resurfacing, 1998, (PI) \$100,000
11. **Proneuron, Inc.:** Phase I/II, PN106 for the treatment of Actinic Keratoses, 1999 (PI) \$100,000
12. Epidemiology and genetic parameters of basal cell cancer in young adults, **Munson Foundation**, 2000.
13. **Wellstat (Proneuron, Inc.):** Phase I/II, PN106 for the treatment of Actinic Keratoses, 2002 (PI) \$100,000

EDITORSHIPS

1. **Guest Editor**, Journal of Geriatric Dermatology Special Issue: Dermatologic Surgery, 1995
2. **Guest Editor**, Journal of Geriatric Dermatology Special Issue: Cosmetic Dermatologic Surgery, 1995
3. **Associate Editor**, Journal of Geriatric Dermatology, 1995-1998
4. **Editorial Board**, Archives of Dermatology, 1995- 2005
5. Chair, **Surgical Advisory Board**, Archives of Dermatology, 1999- 2005
6. **Contributing Editor**, Journal of Dermatologic Surgery, 1993-1997
7. **Associate Editor**, Medical and Surgical Dermatology, 1994- present

8. **Founder and Editor**, Newsletter of the *Association of Academic Dermatologic Surgeons*, 1990-1993
9. **Founder and Editor**, DermUPDATE, Connecticut State Dermatology Society Newsletter, 1995-1998
10. **Consultant**, Connecticut United for Research Excellence, 1994
11. **Guest Editor**, Seminars in Cutaneous Medicine and Surgery, *Practical Cutaneous Oncology*, 1998
12. **Editorial Board**, Journal of Aesthetic Dermatology and Cosmetic Dermatologic Surgery, 1998-present
13. **Reviewer**: Lasers in Medicine and Surgery, NEJM, Lancet, JAAD, Dermatologic Surgery, Arch Dermatology,
14. **Editorial Board Joint Section Head**, Faculty of 1000 Medicine -- Skin Cancer Section, 2003 -present
15. **Consulting Editor**, ODYSSEY Magazine, 2005
16. **Editor**, Dove.com, 2004 – present
17. **Co-Editor-in-Chief**, Dermatology Focus, Dermatology Foundation, 2004 – present
18. **Editorial Board member**, The Cancer Journal, 2006 – 2007
19. **Editorial Board**, Fitzpatrick's Dermatology in General Medicine, 7th Edition and 8th edition

ADMINISTRATIVE

NATIONAL AND REGIONAL (SELECTED)

Chairman, NCI RFA CA-93-15 Grant Review, October, 1993

Member, Scientific Advisory Board, Hereditary Hemorrhagic Telangiectasia Foundation, 1991-present

Member, Fair Hearings Committee, ASDS, 1993

Member, Hearing Committee, Evergreen Hospital, Kirkland, WA, 1994

President, Connecticut State Dermatology Society, 1997-1999

Secretary-Treasurer, Connecticut State Dermatology Society, 1995-1997

Chairman, American Society for Dermatologic Surgery, Planning Committee, 1994-1996

Chairman, American Society for Dermatologic Surgery Scientific Program Committee, 1997

Chairman, Curriculum Committee, American College of Mohs Micrographic Surgery and Cutaneous Oncology, 1996

Member, Evaluation Committee, American Academy of Dermatology, 1991-1994

Member, NCI Liaison Committee, American Academy of Dermatology, 1992-1995

Member, Grants Committee, American Society for Dermatologic Surgery, 1990-1993

Member, Scientific Program Committee, American College of Mohs Micrographic Surgery and Cutaneous Oncology, 1995

Chairman, Grants Committee, American Society for Dermatologic Surgery, 1996

Chairman, Awards Committee, American Society for Dermatologic Surgery, 1996

Juror, Young Investigator Award, Journal of Dermatologic Surgery and Oncology, 1992

Member, Public Information Committee, American Academy of Dermatology, 1991-1997

Chairman, Educational Technologies Committee, American Society for Dermatologic Surgery, 1997-1999

Member, Fellowship Training Committee, American College of Mohs Micrographic Surgery and Cutaneous Oncology, 1998-2008

Member, Task Force on Computers in Education & Research, American Academy of

Dermatology, 1998-present
Board of Directors, Healthchoice Insurance Company, 1998-2000
Chairman, Medical Management Committee, Healthchoice Insurance Company, 1998-2000
Co-Chair, Skin Cancer Foundation 16th Annual Mohs Surgery Conference, 1999
Member, Skin Cancer Foundation's Melanoma Committee, 1999-present
Board of Directors, American College of Mohs Micrographic Surgery and Cutaneous Oncology, 1998-2000
Chairman, Membership Committee, ACMMSO, 1998-99
Member, Membership Committee, ACMMSO, 1999-2007
Board of Directors, American Association of Academic Dermatologic Surgeons, 1998-present
President-Elect, Association of Academic Dermatologic Surgeons, 2000
Board of Directors, Greater New Haven Chamber of Commerce, 1999-2001
Member, Scientific Advisory Board, Cool Laser Optics, Inc., 1999-present
Member, Publications Committee, American Society for Laser Medicine and Surgery, Inc., 2000-present
Member, Journal Committee, American Society for Dermatologic Surgery, 1999-present
Member, Medical and Scientific Committee, Dermatology Foundation, 1999-present
Chairman, Program Committee, Association of Academic Dermatologic Surgeons, 2000-2006
Chairman, Financial Task Force, American Dermatologic Association, 2001
President, Association of Academic Dermatologic Surgeons, 2001-2003
Chairman, Association of Academic Dermatologic Surgeons Nominating Committee, 2003 – 2006
Board of Trustees, Connecticut Public Television, 2001-2004
Treasurer, International Transplant-Skin Cancer Collaborative (ITSCC), 2002-2005
Member, Skin Cancer Foundation Grant Review Committee, 1999 – present
Board of Trustees, Dermatology Foundation, 2000 – present
Work Group Member, SkinCarePhysicians.com, 2003 – 2005
Member, NIAMS Data and Safety Monitoring Board (DSMB), 2007 – 2009
Vice President, Skin Cancer Foundation, 2003 – 2009
Member, Editorial Board of *The Cancer Journal: The Journal of Principles & Practice of Oncology*, 2007
Member, Website Committee, ACMMSO, 1999 – 2007
Member, Dermatology Advisory Board, Faculty of 1000 Medicine Reports, 2008 – present
Member, Medical Advisory Board, Cosmopolitan Magazine, 2008 – present

UNIVERSITY & MEDICAL SCHOOL

Director, Yale Skin Cancer Detection Program (founder: 1988)
Editor, Yale Faculty Practice Newsletter (founder) 1991-1995
Member, Search Committee, Chief of Section of Plastic Surgery, 1992
Chair, Clinic Chiefs Committee, Yale Faculty Practice, 1994-1996
Chair, Ambulatory Clinical Information System Committee, Yale School of Medicine and Yale New Haven Hospital, 1995-1997
Member, Yale Telemedicine Advisory Committee, 1995-present
Member, Physician Referral Committee, Yale-New Haven Hospital, 1994-1996
Member, Information Systems Steering Committee, Yale New Haven Hospital, 1995-1999

Founder, *Yale Practice*, Yale Faculty Practice monthly, 1995
Member, Yale New Haven IPA Board of Directors, 1996-2000
Member, Yale New Haven Hospital IPA Credentials Committee, 1995-1999
Member, Yale Clinical Practice Group, Finance Committee, 1997-1998
Member, University Budget Committee, Yale University, 1999-2001
Chair, Yale Clinical Practice Group, Medical Management Committee, 1997-1999
Member, Central Contracting Committee, Yale New Haven Health Systems, 1997-1999
Member, Yale Clinical Practice Group, Transition Committee, 1997-1999
Member, Medical School Council, 1997-1998
Board of Directors, Physician Hospital Organization, Yale New Haven Hospital, 2000-
Search Committee, Chairman, Department of Pediatrics, Yale School of Medicine
Member, Yale New Haven Health System Physician Council, Yale New Haven Hospital, 2000-present
Chairman, Chairman Search Committee, Department of Ophthalmology 2002, 2006
Co-host, China-Yale Advanced University Leadership Program, Yale University School of Medicine, 2004
Member, Chairman Search Committee, Department of Diagnostic Radiology, 2004
Member, Chairman Search Committee, Department of Internal Medicine, 2004
Member, Chairman Search Committee, Department of Neurology, 2008
Co-Chair, Yale-New Haven Hospital '05 Gala Executive Committee, 2005
Member, Yale Board of University Health, 2003 – 2007
Member, Yale Cancer Center Committee, Yale Cancer Center, 2010 - present

DEPARTMENT

Committee on Appointments and Promotions, Volunteer Faculty
 Faculty Mentorship Program, 2008-

TEACHING (SELECTED)

1999	The Science of Skin Cancer, Consensus Conference on Actinic Keratoses, Washington, DC
1991-1996	Basic Cutaneous Surgery, Co-director, American Academy of Dermatology
1996	Advanced Facial Reconstruction for the Resident, Yale School of Medicine, Educational Program for Dermatology Residents
1996	Split Thickness Skin Grafts & Allografts, American Academy of Dermatology, Washington, DC
1995	<i>From Bench to Bedside</i> : Photoaging and Skin, ASDS, Hilton Head, SC
1995	Topics in Wound Repair, American Academy of Dermatology, Chicago
1994	Topics in Wound Repair, American Academy of Dermatology, San Francisco
1994	Intermediate Surgery: Cheek Repair, American Academy of Dermatology
1993	The Research Grant Process, Association of Academic Dermatologic Surgeons, Chicago
1994	Reed and Carnrick, Skin Cancer Preceptorship Program,
1991	Director, Post-graduate course: Soft Tissue Surgery, Yale School of Medicine
1990	American Academy of Dermatology, Aggressive Growth Basal Cell Carcinoma
1991	Principles of Cutaneous Surgery, University of Michigan medical students
1988	American Academy of Dermatology, Basic Cutaneous Surgery Course
1987	Director, Dermatologic Surgery Course, Yale University School of Medicine
1990-1997	Introduction to Clinical Diagnosis, dermatology, Yale School of Medicine

FACULTY ADVISOR

Freshman Faculty Advisor, Yale College (Pierson): 1989-present

Career Advisory Service, Yale College (Health professions): 1991-1995

Yale School of Medicine Senior Thesis Adviser

- Steven A. Kolenik, III, YSM IV: Reconstitution of cellular p53 protein using an exogenous source in human squamous cell carcinoma, with Dr. A. Perkins; Dermatology NIH Training Fellowship, 1994.
- Lauren Rodgers, YSM IV: The role of tenascin in basal cell carcinoma, 1991
- Yating Chen, PhD candidate, Yale School of Epidemiology and Public Health: Epidemiology of skin cancer prevention, 1992-1993
- Jessica Newman, YSM: The role of the embryonic fusion place in basal cell carcinoma, 2004
- Nicholas Countryman, YSM: Optimal Management of Melanoma in Situ and Stage I Melanoma: A Retrospective Case Review, 2005
- Lia Marland, YSM PA: Skin Cancer Education: Evaluation of a Personalized Educational Presentation for Primary Schools, 2006
- Maria Clough, YSM PA: effect of low dose estrogen on melanoma risk, 2007
- Benjamin D. Bowling, YSM: Inhibition of mitochondrial protein translation sensitizes melanoma cells to arsenic trioxide cytotoxicity via a reactive oxygen species dependent mechanism, 2007
- Karen Lynn Brown, YSM PAS-II: Effect of regular use of sunscreen with sun protection factor 30 on vitamin D levels in young adults, 2008

Fellows in Dermatologic Surgery

Amy Lewis, MD

Steven A. Kolenik, III, MD

David Fitzgerald, MBBS

Thomas McGovern, MD

John A. Carucci, MD, PhD

Ingrid Olhoffer, MD

Sumaira Z. Aasi, MD

Samuel E. Book, MD

Suneel Chilikuri, MD
Brent Pennington, MD
Erin Welch, MD
Julie Neville, MD
Jared Scott, MD
Kavita Mariwalla, MD
Anetta Reszko, MD
June Kim, MD

BIBLIOGRAPHY

ORIGINAL RESEARCH

1. **Leffell DJ**, Stetz ML, Milstone LM, Deckelbaum LI: In vivo laser fluorescence of human skin: a potential marker of photoaging, *Archives of Dermatology*, 124(10):1514-8, 1988
2. **Leffell DJ**, Headington JT, Wong DS, Swanson NA: Aggressive-growth basal cell carcinoma in young adults, *Archives of Dermatology*, 127(11):1663-7, 1991
3. **Leffell DJ**: An educational device for Mohs microscopic surgery of basal cell carcinoma, *Journal of Dermatologic Surgery & Oncology*, 17(6):498-501, 1991
4. Gailani MR, Bale SJ, **Leffell DJ**, DiGiovanna JJ, Peck GI, Poliak S, Drum MA, Pastakia B, McBride OW, Kase R, et al: Developmental defects in Gorlin syndrome related to a putative tumor suppressor gene on chromosome 9, *Cell*, 69(1): 111-7, 1992
5. Watsky KL, Freije L, Leneveu MC, Wenck HA, **Leffell DJ**: Water-in-oil emollients as steroid-sparing adjunctive therapy in the treatment of psoriasis, *Cutis*, 50(5):383-6, 1992
6. Ziegler A, **Leffell DJ**, Kunala S, Sharma HW, Gailani M, Simon JA, Halperin AJ, Baden HP, Shapiro PE, Bale AE, Brash DE: Two genetic steps in basal cell carcinoma development can be caused by sunlight, *Proceeding National Academy of Science USA*, 90:4216-4220, 1993
7. **Leffell DJ**, Chen Y, Berwick M, Bologna JL: Interobserver agreement in a community skin cancer screening setting, *Journal of the American Academy of Dermatology*, 28(6):1003-5, 1993
8. Ziegler A, **Leffell DJ**, Kunala S, Sharma HW, Gailani M, Simon JA, Halperin AJ, Baden HP, Shapiro PE, Bale AE: Mutation hotspots due to sunlight in the p53 gene of non-melanoma skin cancers. *Proceedings of the National Academy of Sciences of the United States of American*, 90(9):4216-20, 1993
9. **Leffell DJ**, Berwick M, Bologna J: The effect of pre-education on patient compliance with full-body examination in a public skin cancer screening, *Journal of Dermatologic Surgery & Oncology*, 19(7):660-3, 1993
10. Kolenik SA, **Leffell DJ**: The Use of cryopreserved human skin allografts in wound healing following Mohs surgery, *Dermatologic Surgery*, 21(7): 615-20, 1995
11. Ziegler A, Jonason AS, **Leffell DJ**, Sharma HW, Simon JA, Kimmelman J, Remington L, Jacks T, Brash DE: Sunburn and p53 in the onset of skin cancer, *Nature*, 372(6508):773-6, 1994
12. Gailani MR, Stahle-Backdahl M, **Leffell DJ**, Glynn M, Zaphiropoulos PG, Pressman C, Uden AB, Dean M, Brash DE, Bale AE, Toftgard R: The role of the human homologue of *Drosophila patched* in sporadic basal cell carcinomas, *Nature Genetics*, 14(1):78-81, 1996

13. Jonason AJ, Kunala S, Price GJ, Restifo RJ, Spinelli HM, Persing J, **Leffell DJ**, Tarone RE, Brash DE: Frequent clones of p53-mutated keratinocytes in normal human skin, *Proceedings of the National Academy of Sciences of the United States of America*, 93(24):14025-9, 1996
14. **Leffell DJ**, Brash DE: Sunlight and skin cancer, *Scientific American*, 275(1):52-3, 56-9, 1996
15. Hahn H, Wicking C, Zaphiropoulos P, Gailani M, Shanley S, Chidambaram A, Vorechovsky I, Holmberg E, Uuden A, Gillies S, Negus K, Smyth I, Pressman C, **Leffell DJ**, Gerrard B, Goldstein A, Wainwright B, Toftgard R, Chenevix-Trench G, Dean M, Bale A: Mutations of the human homolog of drosophila patched in the nevoid basal cell carcinoma syndrome, *Cell*, 85(6):841-51, 1996
16. Gailani M, **Leffell DJ**, Ziegler A, Gross E, Brash DE, Bale AE: Relationship between sunlight exposure and a key genetic alteration in basal cell carcinoma, *Journal of the National Cancer Institute*, 88(6): 349-54, 1996
17. Eaglstein WH, Alvarez OM, Auletta M, **Leffell DJ**, Rogers GS, Zitelli JA, Norris JEC, Thomas I, Irondo M, Fewkes J, Hardin-Young J, Duff, RG, Sabolinski ML: Acute excisional wounds treated with a tissue-engineered skin (Apligraf), *Dermatologic Surgery*, 25:195-201, 1999
18. Olhoffer IH, Davidson D, Longley J, Glusac EJ, **Leffell DJ**: Facial bowenoid papulosis secondary to human papillomavirus type 16, *British Journal of Dermatology*, 140(4):761-2, 1999
19. Kolenik SA, McGovern TW, **Leffell DJ**: Use of a Lyophilized Bovine Collagen Matrix in Postoperative Wound Healing, *Dermatologic Surgery*, 25(4), 303-7, 1999
20. McGovern TW, **Leffell DJ**: Mohs Surgery: The informed view, *Archives of Dermatology*, 135(10):1255-9, 1999
21. McGovern TW, Bolognia J, **Leffell DJ**: Flip-top Pigment Transplantation: A novel transplantation procedure for the treatment of depigmentation, *Archives of Dermatology*, 135(11):1305-7, 1999
22. McGovern TW, Grossman D, Fitzgerald D, Glusac EJ, **Leffell D**: Status of residual tumor in patients with squamous cell carcinoma referred for Mohs micrographic surgery, *Archives of Dermatology*, 135(12):1557-9, 1999
23. Fata F, O'Reilly E, Ilson D, Pfister D, **Leffell DJ**, Kelsen DP, Schwartz GK, and Casper ES: Paclitaxel in the treatment of patients with angiosarcoma of the scalp or face, *Cancer*, 86(10): 2034-7, 1999
24. **Leffell DJ**: The Other Side of the Sun, *Lancet*, 356(9231):699, 2000
25. Grekin RC, Tope WD, Yarborough JM Jr, Olhoffer IH, Lee PK, **Leffell DJ**, Zachary CB: Electrosurgical facial resurfacing: a prospective multi-center study of efficacy and safety. *Archives of Dermatology*, 136(11):1309-16, 2000
26. Chen T, Yan W, Wells RG, Rimm DL, McNiff J, **Leffell DJ**, Reiss M: Novel inactivating mutations of transforming growth factor-B type I receptor gene in head-and-neck cancer metastases, *International Journal of Cancer*, 93(5):653-61, 2000
28. Salovey P, Pronin E, Rothman AJ, Zullo J, **Leffell DJ**: Framing, involvement, and skin cancer
Prevention and early detection, University published manuscript, Yale University, 2001.
29. Olhoffer IH, Lazova R, **Leffell DJ**: Histopathologic misdiagnoses and their clinical consequences, *Archives of Dermatology*, 138(10):1381-3, 2002
30. Carucci JA, Kolenik SA, **Leffell DJ**: Human cadaveric allograft for repair of nasal defects after extirpation of basal cell carcinoma by Mohs micrographic surgery, *Dermatologic Surgery*, 28(4):340-3, 2002
31. Asplund A, Gustafsson AC, Wikonkal NM, Sela A, **Leffell DJ**, Kidd K, Lundeberg J, Brash DE, Ponten F: PTCH codon 1315 polymorphism and risk for nonmelanoma skin cancer, *British Journal of Medicine*, 152(5):868-73, 2005

32. Mayne S, Cartmel B, Scarmo S, Lin H, **Leffell DJ**, Welch E, Ermakov I, Bhosale P, Bernstein P, Gellermann W: Noninvasive assessment of dermal carotenoids as a biomarker of fruit and vegetable intake; American Society for Nutrition 2010

Clinical Reports

33. **Leffell DJ**, Brown MD, Swanson NA: Laser Vaporization: A Novel Treatment of Botryomycosis. *Journal of Dermatologic Surgery & Oncology*, 15(7):703-5, 1989
34. **Leffell DJ**: Minocycline hydrochloride hyperpigmentation complicating treatment of venous ectasia of the extremities, *Journal of the American Academy of Dermatology*, 24(3):501-2, 1991
35. **Leffell DJ**, Fosko S: Allograft skin as an adjunct in the repair of radiation-compromised wound, *Archives of Dermatology* 129:293- 295, 1993
36. **Leffell DJ**, Morganroth GS, Tigelaar RE, Longley BJ, Luck LE: Targetoid Hemangioma Associated with Pregnancy and the Menstrual Cycle, *American Academy Dermatology*, 32(2 pt 1):282-4, 1995
37. **Leffell DJ**, Henner MS, Shapiro PE, Ritter JH, Wick MR: Solitary Syringoma: Report of five Cases and Clinicopathologic Comparison with Microcystic Adnexal Carcinoma of the Skin. *American Journal of Dermatopathology*, 17(5): 465-70, 1995
38. **Leffell DJ**, Waldorf HA, Kauvar NB, Geronemus RG: Remote fire with the pulsed dye laser: risk and prevention. *Journal of the American Academy of Dermatology*, 34(3):503-6, 1996
39. **Leffell DJ**, Carucci JA: Intralesional Interferon Alfa for Treatment of Recurrent Lentigo Maligna of the Eyelid in a Patient with Primary Acquired Melanosis, *Arch Derm*, 136(11): 2000
40. **Leffell DJ**, Carucci JA, Kolenik SA: Human cadaveric allograft for repair of nasal defects after extirpation of basal cell carcinoma by Mohs micrographic surgery, *Dermatologic Surgery*, 28(4):340-3, 2002
41. Aasi SZ and **Leffell DJ**: Complications in dermatologic surgery: how safe is safe? Comment on: *Arch Dermatol.*;139(2):143-52, 2003
42. Lazova R, **Leffell DJ**, Terushkin SE: Squamoid eccrine ductal carcinoma: A case report and review of the literature, *American Journal of Dermatopathology*, 2010
43. Mayne S, Cartmel B, Scarmo S, Lin H, **Leffell DJ**, Welch E, Ermakov I, Bhosale P, Bernstein P, Gellermann W: Noninvasive assessment of dermal carotenoids as a biomarker of fruit and vegetable intake; American Society for Nutrition 2010

Reviews and Book Chapters

44. **Leffell DJ**, Safai B: Tumor Immunology in: *Dermatologic Immunology and Allergy*, J. Stone, ed., CV Mosby, Co., St.Louis, 1985
45. **Leffell DJ**, Edelson RL: The immunology of psoriasis: Implications for pathogenesis. In: *Proceedings of the Fourth International Congress on Psoriasis*. E. Farber ed. Elsevier Publishing Co., New York, 1987
46. **Leffell DJ**: Evaluation and Treatment of Non-melanoma Skin Cancers: *Decision Making in Oncology*, P. Schein, ed. B.C. Decker, Inc., Toronto, 1989

47. **Leffell DJ**: From chicks to skin: Vitamin A and cancer, *Skin Cancer Foundation Journal*, 1990
48. **Leffell DJ**: Health care delivery in Canada, *Comment*, Hartford Courant and Times Mirror chain, 1991
49. **Leffell DJ**, Thompson JT: Lasers in dermatology and ophthalmology, *Dermatologic Clinics*, 10(4):687-700, 1992
50. Morganroth GS, **Leffell DJ**: Nonexcisional treatment of benign and premalignant cutaneous lesions, *Clinics in Plastic Surgery*, 20(1):91-104, 1993
51. **Leffell DJ**: Laser Surgery and Excisional Surgery, In: *Dermatologic surgery for the dermatologist*, R. Geronemus, Assoc Acad Derm Surg, 1992
52. **Leffell DJ**: Fundamentals of dermatologic surgery: skin grafts, Network for Continuing Medical Education, (NCME #626), VHS, 1992
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 93. Pennington BE, **Leffell DJ**: Mohs Micrographic Surgery: Established Uses and Emerging Trends, *ONCOLOGY*, 2005
 94. Carucci J and **Leffell DJ**: Anesthesia Options for Laser Surgery, *Principles and Practices in Cutaneous Laser Surgery*, 2005
 95. **Leffell DJ**: Longevity Strategies, *The Enlightened Bracketologist*, 2007

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97. Chilukuri S and **Leffell DJ**: Basic Principles in Flap Reconstruction, Flaps and Grafts in *Dermatologic Surgery*, Saunders/Elsevier 2007
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CD-ROM and Electronic Media

1. **Leffell DJ**: Skin Cancer at Time of Diagnosis, Principal Editor, Time Life Medical Video Series, 1995
2. **Leffell DJ**: HCFA Teaching Physician Interactive Web-based Training Program, with Price Waterhouse Coopers, 1999
3. **Leffell DJ**: Virtual Symposium “*The Safety & Efficacy of Photodynamic Therapy Combined with Topical Aminolevulinic Acid for the Treatment of Actinic Keratoses*”, Berlex, 2000
4. **Leffell DJ**: *Color Atlas of Cutaneous Oncology*, in Principles and Practice of Oncology, 6th Edition, DeVita V. et al, eds. 2001

BOOKS

1. **Leffell DJ** and Brown M: *Manual of Skin Surgery: A practical guide to dermatologic procedures*, Wiley-Liss, New York, 1997, 240 pages.
2. **Leffell DJ**: *Total Skin: The Definitive Guide to Whole Skin Care for Life*, Hyperion, New York, 2000, 464 pages.
3. **Leffell DJ** and Brown M: *Manual of Skin Surgery: A practical guide to dermatologic procedures*, Chinese Edition, 2007
4. Wolff K, Goldsmith L, Katz S, Gilchrest B, Paller A, **Leffell DJ**: *Fitzpatrick’s Dermatology in general Medicine*, McGraw Hill, 6th edition, 2008
5. Mariwalla K and **Leffell DJ**: *Primer in Dermatologic Surgery: A Study Companion*, ASDS, 2009

ABSTRACTS (SELECTED)

- Circulating interleukin-1 activity is elevated in patients with pustular psoriasis, Society for Investigative Dermatology, Washington, DC, May, 1986
- Evidence against stimulation of bile flow by Na-K-ATPase, AFCD, Washington, DC, May, 1977
- Tenascin in basal cell carcinoma. DJ Leffell, L Rodgers, K Stenn. American College of Mohs Micrographic Surgery. Scottsdale, AZ, March, 1992
- Silastic gel sheeting in laser wound healing in humans. American Society of Dermatologic Surgery. Scottsdale, AZ, March, 1992
- HPV in penile carcinoma. American Society of Dermatologic Surgery. Scottsdale, AZ, March, 1992

INVITED PRESENTATIONS (SELECTED)

1. The Connecticut Dermatology and Dermatologic Surgery Society Annual Education Program “Health Care Reform for Dermatologists: What Does It Mean for Us?”, November 2010

2. Yale University Bicentennial Community Fair Day “Live Healthy, Live Long”, October 2010
3. Yale School of Medicine Medical Student Survival Fair “Playbook for the Ambulatory Practice at Yale”, June 2010
4. American Cancer Society Education Program for Women “What's Hot in Skin Cancer and Prevention”, April 2010
5. Coppertone Suncare Symposium, April 2010
6. Yale School of Medicine Department of Anesthesiology Grand Round “The Yale Medical Group: Services and Opportunities for Faculty”, June 2009
7. John F. Welch College of Business, Sacred Heart University “Ethics in the Medical Business”, June 2009
8. Yale School of Medicine Development Event “Medicine Tomorrow”, May 2009
9. 12th World Congress on Cancers of the Skin “Mohs Surgery”, Tel Aviv, May 2009
10. Women’s Health “Top Doctors for Women” Special Editorial Section, October 2008
11. Yale University School of Medicine Department of Plastic Surgery Grand Round “When Mohs Surgery Fails“, April 2008
12. 10th Annual Mount Sinai Winter Symposium, “When Mohs Surgery Fails”, December 2007
13. OHSU, “Minimally Invasive Reconstruction: Tips and Pearls”, April 2006
14. AAD Annual Meeting, “Non-melanoma Skin Cancer”, March 2006
15. Pond’s Consumer Panel, June 2005
16. Dermatology Foundation Clinical Symposia – Advances in Dermatology, “Melanoma: Surgical Management”, March 2005
17. Dermatology Foundation Clinical Symposia – Advances in Dermatology, “Mechanisms of Carcinogenesis”, March 2005
18. Advancing Women Meeting, “The Science of Anti-aging”, Westport, CT, March 2005
19. AAD Annual Meeting, “Non-melanoma Skin Cancer”, February 2005
20. Pierson College Fellows Meeting, “What’s New in Skin”, February 2005
21. New Hampshire Dermatology Society Meeting, “Non-surgical Management of Skin Cancer”, October 2004
22. China-Yale Advanced University Leadership Program, “High quality clinical care in an academic medical center”, August 2004
23. China-Yale Advanced University Leadership Program, “Clinical Research”, August 2004
24. Schick/Wilkinson Sword Innovation Session, “R and D Opportunities in Skin Health”, April 2004
25. Yale University School of Medicine Department of Radiation Oncology Grand Round “Management of non-melanoma skin cancer: How Dermatologists see it”, February 2004
26. AAD Annual Meeting, “Non-melanoma Skin Cancer”, February 2004
27. Young Leaders in Dermatology Symposium, “Incurable Skin Cancer: When Mohs Surgery Fails”, November 2003
28. ACMMSO Annual Meeting, “Controversies in Mohs Surgery – An Interactive Audience Polling Session”, October 2003
29. ACMMSO/ASDS Joint Annual Meeting, “Masters’ Panel”, October 2003
30. Yale University School of Medicine Department of Plastic Surgery Grand Round "Advances in the Management of Skin Cancer", September 2003
31. Dermatology Advisory Council (in support of fundamental skin care), June 2003
32. American Academy of Dermatology Actinic Keratoses Public Education Campaign Satellite Media Tour (SMT), May 2003
33. Michigan Dermatological Society - The Arthur C. Curtis Lecture, “Lasers in Dermatology: What We Know, What We Claim”, March 2003
34. University of Michigan, “Non-Surgical Treatment of Skin Cancer: Opportunities and Mechanisms”, March 2003

35. University of Michigan, "Minimally Invasive Reconstruction: Doing More with Less", March 2003
36. Brown Medical School Dermatology Clinical Conference, "Non-surgical Management of Skin Cancer" and "Cool and Classic Approaches to Reconstruction", January 2003
37. Yale University School of Medicine Department of Anesthesiology Grand Rounds, "How to Fix Academic Clinical Practice", December 2002
38. AADS/ASDS Annual Meeting, "What else Besides Surgery?", October 2002 (Chicago, IL)
39. Mass General Mega Rounds, "Non-surgical Management of Skin Cancer: Risks and Rewards", September 2002 (Boston, MA)
40. The Todd Mundt Show, "Rise of skin cancer cases, specifically melanoma among young people", July 2002
41. AAPC Connecticut Chapter, "Skin Cancer Prevention & Treatment", July 2002 (New Haven)
42. Yale University Department of Dermatology Grand Rounds, "Medical Treatments of Non-Melanoma Skin cancer", June 2002 (New Haven)
43. 3M Pharmaceutical, "Clinical Experience in the Non-Surgical Management of Non-melanoma Skin Cancer", May 2002 (Boston, MA)
44. AAD Media Tour, "Actinic Keratoses", May 2002 (New York City)
45. Berlin Organ Transplant Group, "Oncogenes, Apoptosis and Immunosuppression in the Pathogenesis of SCC", January 2002 (Berlin, Germany).
46. Yale University School of Medicine Development Event, "How To Look As Young As You Feel: The Science of Anti-aging", January 2002
47. Derm Update 2001, "New advances in Treating Actinic Keratoses", October 2001
48. Yale University School of Medicine Department of Plastic Surgery Grand Rounds Conference, "Mohs Surgery", June 2001
49. HBA Global Exposition & Educational Conference, "Doctor Dispensing: What Do Patients Want?", June 2001
50. Yale University School of Medicine Department of Surgery Basic Science Lecture, "Evaluation and Management of Cutaneous Malignancies", May 2001
51. Metropolitan Golf Course Superintendents Association, "Early Signs of Skin Cancer", May 2001
52. Healthy Women/Healthy Lives, "Skin Health/Skin Cancer", April 2001.
53. Yale University School of Medicine Development Event, "How to Look Younger Even If You Feel Older: The Science of Anti-Aging", April 2001.
54. American Academy of Dermatology Annual Meeting, "Advanced Surgery Course", March 2001.
55. Downstate Medical Center, "Incurable Skin Cancer: Diagnosis and Management", January 2001
56. Unilever Conference, "Skin Health in the New Millennium", December 2000
57. Women's Health and Fitness Conference, Yale University and Yale-New Haven Hospital, "Total Skin: Ten Top Tips on Skin Health", October 2000
58. Anesthesiology Grand Rounds, Yale University, "The Role of Clinical Medicine at Yale: What are we?" October 2000
59. American Dermatological Association, "The Genetic Basis of Skin Cancer", August, 2000
60. Cancer Center Grand Rounds, Yale University, "Management of Non-melanoma Skin Care: Indications for Mohs Micrographic Surgery", March, 2000
61. Boston University, "Genetic Basis of Skin Cancer", February, 2000
62. British Art Center At Yale, "What the Face Says: A Skin Doctor Looks At Paintings", February, 2000
63. Bridgeport Hospital, "Skin Cancer in the Year 2000", December, 1999

64. Clinical Society of Genitourinary Surgeons, Yale University, "Saving Academic Medicine: Lightning Bolts and Lifeboats", October, 1999
65. Surgery Grand Rounds, Hartford Hospital, "Skin Cancer", March, 1999
66. American Academy of Dermatology/Actinic Keratoses Conference, Washington, DC, January, 1999
67. Surgery Grand Rounds, Bridgeport Hospital, "Skin Cancer Update", June 4, 1998
68. Molecular Carcinogenesis: Clinical Dermatology 2000, Singapore, 1998
69. Complications of Skin Resurfacing: Clinical Dermatology 2000, Singapore, 1998
70. Advances in Oncogenesis: Clinical Dermatology 2000, Singapore, 1998
71. From Pharaoh to DNA: Changing views of cancer, New Haven Medical Association and County Bar Association, 1997
72. From White Coat to Sport Coat: Medical Administration, Association of Academic Dermatologic Surgeons, 1997
73. Visiting Professor, Oregon Health Sciences University, "Molecular carcinogenesis of non-melanoma skin cancer", October, 1997
74. Oregon Dermatology Society, "Advances in wound healing", October, 1997
75. Squamous Cell Carcinoma: The Lurking Danger, Dermatology Foundation Colloquium, Monterey, CA, March, 1996
76. Office Wound Healing: All New and Improved! Dermatology Foundation Colloquium, Monterey, CA, March, 1996
77. From Pharaoh to DNA: Changing views of cancer, Program for the Humanities in Medicine, 1997
78. Pitfalls and Progress in Skin Cancer Management and Research, Yale Comprehensive Cancer Center Grand Rounds, April, 1995
79. Pitfalls in the Management of Non-melanoma Skin Cancer, Yale Plastic Surgery Grand Rounds, November, 1994
80. Laser Update, Yale Plastic Surgery Grand Rounds, January, 1995
81. The First National Congress on Women's Health: Non-melanoma Skin Cancer, Washington, DC, 1993
82. Management of Condyloma, Yale School of Medicine, Urology Section Grand Rounds, 1990
83. Cutaneous Manifestations of Hereditary Hemorrhagic Telangiectasia, Second Annual Conference on HHT, San Francisco, 1993
84. Non-melanoma Skin Cancer. Manchester Hospital Grand Rounds, June, 1993
85. Visiting Professor, University of Rochester, Department of Dermatology, November, 1992
86. Mid-Hudson Teaching Consortium Annual Fall Teaching Day: "Oncogenesis of Ultraviolet Light and Non-melanoma Skin Cancer", November, 1992
87. Anesthesiology Grand Rounds, Yale-New Haven Hospital Grand "Dermatologic Surgery: State of the Art" New Haven, CT, October 1992
88. Plastic Surgery Grand Rounds, Hospital of St. Raphael, "Laser Treatment of Skin Disease", October, 1992
89. Head and Neck Grand Rounds, Memorial-Sloan Kettering Cancer Center, "Mohs Surgery for the Head and Neck Specialist", May, 1992
90. Yale Medical Grand Rounds, "Skin Cancer in the Geriatric Population", New Haven, CT, October, 1992
91. Yale Surgical Grand Rounds, "The Suspicious Skin Lesion: Cut, Laser, Scrape, or Wait". New Haven, CT, May, 1992
92. Association of Academic Dermatologic Surgeons, "Dermatology Foundation Grant Critique", Chicago, IL, September, 1992
93. Lawrence and Memorial Hospital, New London, CT: Otolaryngology Grand Rounds: Mohs Surgery for the Head and Neck Surgeon, 1990

94. New England Dermatological Society Annual Didactic Meeting, "Survival in the 90's". Surgical Pearls Panel. Boston, MA, January, 1991
95. Basal cell carcinoma: The Spectrum of the Disease. Albert Einstein College of Medicine, Dermatology Grand Rounds, Bronx, NY, January, 1991
96. Treatment of Vascular Lesions in Pediatrics. Yale Pediatric Resident Rounds, New Haven, CT, November, 1990
97. Mohs Surgery: An Interdisciplinary Approach to the Treatment of Skin Cancer. The Connecticut State Medical Society: Ear, Nose and Throat Section, North Haven, CT, October, 1990
98. Review of Skin Cancer. Eastern Connecticut Association of Occupational Health Nurses, September, 1990
99. Skin Cancer - Promotion of Skin Health. American Cancer Society 1990 Summer Staff Conference, Interlaken, CT, June, 1990
100. Non-melanoma Skin Cancer. Manchester Hospital Grand Rounds, June, 1990
101. Visiting Professor, Syracuse University, Section of Otolaryngology, 1990
102. Mohs Fresh Tissue Technique for the Treatment of Basal Cell Cancer. Plastic Surgery Grand Rounds, Hospital of St. Raphael, January, 1990
103. Tissue fluorescence as a marker of photoaging. Chesebrough-Ponds Research Group, Trumbull, CT, May, 1990
104. Mohs microscopic surgery update. New York Academy of Medicine, Plastic Surgery Branch, New York, October, 1988
105. Aggressive growth pattern basal cell carcinoma is the predominant histologic subtype in young adults. American College of Mohs Micrographic Surgery, Monterey, CA, April, 1988
106. In vivo laser induced fluorescence of skin: A technique for the evaluation of photoaging. American Society for Dermatologic Surgery, Monterey, CA, April, 1988
107. New Directions in Dermatology, Cooper Life Sciences Laboratories, Mountainview, CA, July, 1988
108. The use of bovine collagen implants for the correction of acne scarring. International Congress of Dermatologic Surgery, Edinburgh, Scotland, September, 1988
109. Tissue fluorescence as a marker of photoaging. Richardson-Vicks, Shelton, CT, October, 1988
110. Mohs surgery: A resource for the head and neck surgeon. Yale University Section of Otolaryngology. November, 1988
111. Blue Cross/Blue Shield, "Treatment of Hemangiomas". North Haven, CT, January, 1993
112. Basal Cell Carcinoma – Diagnosis and Treatment: Otolaryngology Grand Rounds, Syracuse University, NY, November, 1989
113. Ethics in the Business of Medicine, Sacred Heart MBA Program, Fairfield, CT 2009
114. Longevity Strategies, Round Hill Club, Greenwich, CT 2009

PATENTS

An optical method for the evaluation photoaging, pigmentation and skin cancer: U.S. Patent #4,894,547

Basal cell carcinoma tumor suppressor gene U.S. Patent #6,552,181

Basal cell carcinoma tumor suppressor protein, U.S. Patent # 7317086

WESBITE

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PROFESSIONAL EXHIBITS

Connecticut Pastoral, Norfolk, CT 2005, *photography*

Connecticut Pastoral, Mystic, CT 2003, *photography*

COMMUNITY

Board of Directors, Connecticut Public Television, 2000-2004

Board of Directors, Artspace, 2007-

Board of Directors, Validus, Inc., 2010-

Board of Directors, Medical Center Insurance Corporation, Inc., 2008-

Consultant, Eli Whitney Museum