

## **CURRICULUM VITAE**

**Roy G. Geronemus, M.D.**

### **ADDRESS**

Professional: Laser & Skin Surgery Center of New York  
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New York, New York 10016

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### **PRESENT APPOINTMENTS**

Director, Laser & Skin Surgery Center of New York  
317 East 34th Street  
New York, New York 10016

Clinical Professor of Dermatology  
Department of Dermatology  
New York University Medical Center  
New York, New York 10016

Director, Skin Laser Division  
Attending Surgeon  
Department of Plastic Surgery  
New York Eye and Ear Infirmary  
New York, New York 10003

### **PAST APPOINTMENTS**

Associate Professor of Dermatology  
Chief of the Surgery and Laser Sections of the Skin and Cancer Unit  
Department of Dermatology  
New York University Medical Center  
New York, New York 10016

Mohs Surgery Fellow - Mohs Surgery Unit  
Department of Dermatology  
New York University Skin and Cancer Unit  
New York, New York 10016  
July 1983 - June 1984

Chief Resident and Teaching Assistant  
Department of Dermatology  
New York University Medical Center  
Skin and Cancer Unit  
New York, New York 10016  
July 1982 - June 1983

## **EDUCATION**

Residency: Department of Dermatology, New York University Medical Center, Skin and Cancer Unit; Bellevue Hospital; Manhattan Veteran's Administration Hospital; New York, New York  
July 1980 - June 1983

Internship: Internal Medicine, Beth Israel Medical Center, New York, New York  
July 1979 - June 1980

Medical: University of Miami School of Medicine, Miami, Florida  
M.D. degree 1979

Pre-Medical: Harvard University, Cambridge, Massachusetts  
A.B. cum laude in Biology, 1975

Secondary School: The Lawrenceville School, Lawrenceville, New Jersey  
1971

## **AWARDS**

Castle & Connolly's Best Cancer Doctors in US, 2009  
Presidential Citation, American Society for Laser Medicine & Surgery, 2009  
Vascular Birthmark Foundation, "Physician of the Year" 2008  
Best Doctors in America 2007-2008, 2009-2010, 2011-2012  
Presidential Citation, American Society for Laser Medicine & Surgery, 2008  
Leon Goldman Award, American Society for Laser Medicine & Surgery, 2006  
Dermasurgery Diamond Award, American Society for Dermatologic Surgery, 2005  
Golden Triangle Award, American Academy of Dermatology, 2003  
Presidential Citation, American Society for Laser Medicine and Surgery, 2002  
Ellet Drake Lectureship Award, American Society for Laser Medicine and Surgery, 2001  
Presidential Citation, American Academy of Dermatology, 2000  
Men's Health Magazine Listing of Best Doctors in America, 2007  
Town & Country's Listing of Best Cosmetic Surgeons in the United States, 1999  
Castle & Connolly's Listing of Best Doctors in America, 2002, 2003, 2004, 2006  
Castle & Connolly's Listing of Best Doctors in the New York Metropolitan Area, 1997, 1998, 2000, 2002, 2003, 2004, 2005, 2006, 2007, 2008,

2009, 2010, 2011

Woodward and White's Listing of Top Dermatologists in America, 1995, 1996, 2000

New York Magazine Listing of Top Dermatologists in New York, 1991, 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011

New York University Medical Center, Department of Dermatology  
"Attending of the Year," 1990

William J. Brooks Swimming Award, Harvard College, 1973

Harvard College Scholarship, 1971

## **MEMBERSHIPS**

Chairman, Board of Directors, New York Stem Cell Foundation

American Dermatologic Association

Fellow of the American Academy of Dermatology

Fellow, American College of Mohs Micrographic Surgery and Cutaneous Oncology

Fellow, American Academy of Cosmetic Surgery

Chairman, Patient Safety Committee, NY State Dermatologic Society

Sturge Weber Foundation Board of Directors

Member, Joint American Academy of Dermatology / American Society for Fellow, American Society for Laser Medicine and Surgery

Medical Advisory Board – Lumenis

Medical Advisory Board – Skin Cancer Foundation

Medical Advisory Board - Syneron

Dermatologic Society of Greater New York

Fellow, New York Academy of Medicine

American Medical Association

American Society for Dermatologic Surgery

International Society for Dermatologic Surgery

Manhattan Metropolitan Dermatologic Society

Society for Investigative Dermatology

New York County Medical Society

Association of Surgical Faculty

Dermatology Foundation

## **PREVIOUS MEMBERSHIPS**

President, American Society for Laser Medicine and Surgery 2005-2006

President-Elect, American Society for Laser Medicine and Surgery 2004-2005

Vice-President, American Society for Laser Medicine and Surgery 2003-2004

President, American Society for Dermatologic Surgery 2002-2003

President-Elect, American Society for Dermatologic Surgery 2001-2002

Vice President, Manhattan Metropolitan Dermatologic Society, 1998-1999

President, Association of Academic Dermatologic Surgeons, 1991-1992

President, Dermatologic Society of Greater New York, 1995-1996

Treasurer, Dermatologic Society of Greater New York, 1993-1994

President, Manhattan Metropolitan Dermatologic Society, 1999-2000

Board of Directors, American College of Mohs Micrographic Surgery & Cutaneous Oncology, 1996-1999  
Secretary, Manhattan Metropolitan Dermatologic Society, 1997-1998  
Board of Directors, Association of Academic Dermatologic Surgeons, 1988 - 1989  
Board of Directors, Society for Investigative Dermatology, 1983-1984  
Executive Committee of the Alumni Association of the Lawrenceville School, 1980 - 1982  
Board of Directors, American Society for Dermatologic Surgery  
Chairman  
Nominating Committee, Dermatologic Society of Greater New York  
Chair  
Task Force on Residency Training, American Society for Dermatologic Surgery  
Coordinator, Skin Surgeons Relief Effort, American Society for Dermatologic Surgery, 1999- Present  
Dermatologic Surgery Task Force on Office Accreditation, 2004 – Present  
Site Coordinator, SCORES project (New York Division) of the American Society of Dermatologic Surgery  
Minority Medical Student Mentor Program, American Academy of Dermatology  
Board of Trustees, Trevor Day School  
Editor, Currents Magazine, American Society for Dermatologic Surgery  
Committee on Audio-Visual Training, American Society for Dermatologic Surgery  
Task Force, Quality Dermatologic Care, American Academy of Dermatology  
Task Force, Biomedical Communication, American Academy of Dermatology  
Chairman, Committee on Residency Training, American Society for Dermatologic Surgery  
Chairman, Joint American Academy of Dermatology / American Society for Dermatologic Surgery Liaison Committee  
Member, Blue Ribbon Panel on Office Based Medicine, American Academy of Dermatology  
Task Force on Dermatologic Surgery, American Academy of Dermatology  
Medical Advisory Board, National Congenital Port Wine Stain Foundation

## **LICENSURE**

Diplomate, American Board of Dermatology

National Board of Medical Examiners

New York State License # 143037

Georgia State License # 44725

Florida State License #89494

**PUBLICATIONS**

1. Geronemus R, Mertz P, Eaglstein W. "Wound healing: The effects of topical antimicrobial agents." *Arch Dermatol.* 1979; 115:1311-1341.
2. Geronemus R, Lim HW, Robins P, Gigli I. "The effect of UVC and UVB on epidermal wound healing." *Clin Res.* 1982; 30(2):586A.
3. Geronemus R, Auerbach R, Tobias H. "Liver scan vs. liver biopsy in methotrexate treated psoriatics." *Arch Dermatol.* 1982; 118:649-651.
4. Geronemus R, Robins P. "The effect of two new dressings on epidermal wound healing." *J Dermatol Surg Oncol.* 1982; 8:850-852.
5. Geronemus R. Dermatology Rx Segment of the American Academy of Dermatology's Dermatology Management Information System Program (145 Diseases).
6. Liebllich L, Geronemus R, Gibbs R. "Use of a biopsy punch for removal of follicular (sebaceous) cysts." *J Dermatol Surg Oncol.* 1982; 8:1059-1062.
7. Rigel D, Albom M, Geronemus R, Freedberg IM. "Modification of surgical gloves to prevent exposure to hepatitis during hair transplantation surgery." *J Dermatol Surg Oncol.* 1983; 9:114-115.
8. Geronemus R. Review of "Cutaneous Laser Therapy." *J Dermatol Surg Oncol.* 1983; 9:686.
9. Lane R, Linsker R, Wynne J, Torres A, Geronemus R. "Ultraviolet laser ablation of skin." *Arch Dermatol.* 1985; 121:609.
10. Kopf AW, Geronemus R, Sanchez M, et al. "A computer aid to the management of diseases of the skin." *Dermatologic Clinics.* 1986; 4(4).
11. Lane R, Wynne J, Geronemus R. "Ultraviolet laser ablation of skin: Healing studies and thermal model." *Lasers Surg Med.* 1987; 6:514-515.
12. Bain L, Geronemus R. "The association of lichen planus of the penis with squamous cell carcinoma in situ and verrucous squamous cell carcinoma." *J Dermatol Surg Oncol.* 1989; 15:413-417.
13. Baldwin H, Geronemus R. "Carbon dioxide laser vaporization of Zoon's balanitis: A case report." *J Dermatol Surg Oncol.* 1989; 15:491-494.
14. Chow W, Cockerell C, Geronemus R. "Microcystic adnexal carcinoma of the scalp: A case report." *J Dermatol Surg Oncol.* 1989; 15:768-771.
15. Garden J, Burton C, Geronemus R. "The use of the pulsed dye laser for the treatment of port-wine stains in children." *N Engl J Med.* 1989; 321:901-902.
16. Geronemus R. "Poikiloderma of Civatte." *Arch Dermatol.* 1990; 126:547-548.

17. Garden J, Geronemus R. "Dermatologic laser surgery." *J Dermatol Surg Oncol.* 1990; 16:56-168.
18. Meirson D, Reyes B, Geronemus R. "Presuturing in alopecia reductions." *J Dermatol Surg Oncol.* 1990; 16:828-830.
19. Reyes B, Geronemus R. "Treatment of port wine stains during childhood with the flashlamp- pumped pulsed dye laser." *J Am Acad Dermatol.* 1990; 23:1142-1148.
20. Ashinoff R, Geronemus R. "Porokeratosis of Mibelli with underlying hemangioma treated with the pulsed dye laser." *Cutis.* 1990; 46:410-412.
21. Ashinoff R, Geronemus R. "Thrombocytopenia-Absent Radii syndrome and lack of response to the pulsed dye laser." *Arch Dermatol.* 1990; 126:1520-1521.
22. Ashinoff R, Geronemus R. "EMLA cream and pulsed dye laser treatment." *J Dermatol Surg Oncol.* 1990; 16:1008-1111.
23. Geronemus R, Ashinoff R. "The medical necessity of the evaluation and treatment of port wine stains." *J Derm Surg Oncol.* 1991; 17:76-79.
24. Geronemus R. "Ethics and the Academic-Corporate Relationship." *J Am Acad Dermatol.* 1991; 24:319-320.
25. Ashinoff R, Geronemus R. "Capillary hemangiomas and treatment with the flashlamp-pumped pulsed dye laser." *Arch Dermatol.* 1991; 127:202-205.
26. Dhillon I, Zouzias D, Geronemus R. "Invasive squamous cell carcinoma arising from epidermo-dysplasia verruciformis." *J Dermatol Surg Oncol.* 1991; 17:300-302.
27. Geronemus R. "Treatment of spider telangiectases in children using the flashlamp-pumped pulsed dye laser." *Ped Dermatol.* 1991; 8(1):61-63.
28. Ashinoff R, Geronemus R. "Flashlamp-pumped pulsed dye laser for port wine stains in infancy: Earlier versus later treatment." *J Am Acad Dermatol.* 1991; 24:467-472.
29. Ashinoff R, Berenstein A, Geronemus R. "Arteriovenous malformation treated with embolization and laser therapy." *Arch Dermatol.* 1991; 127:1642-1644.
30. Potozkin J, Geronemus R. "Pulsed dye laser treatment of the telangiectatic component of the Rothmund-Thomson syndrome." *Ped Dermatol.* 1991; 8(2):162-165.
31. Geronemus R. "Argon laser surgery in children under 13 years of age." *Plast Reconst Surg.* 1991; 8(6):1105-1106.
32. Ashinoff R, Li JJ, Jacobson M, Friedman-Kien AE, Geronemus RG. "Detection of human papillomavirus DNA in squamous cell carcinoma of the nail bed and finger determined by PCR." *Arch Dermatol.* 1991; 127:1813-1818.
33. Renfro L, Geronemus R. "Lack of efficacy of the Q-switched ruby laser in the treatment of vitiligo." *Arch Dermatol.* 1992; 128:277-278.

34. Ashinoff R, Geronemus R. "Treatment of a port wine stain in a black patient with the pulsed dye laser." *J Derm Surg Oncol*. 1992; 18:147-148.
35. Holy A, Geronemus R. "Treatment of peri-orbital port wine stains utilizing the flashlamp-pumped pulsed dye laser." *Arch Ophthal*. 1992; 110:793-797.
36. Geronemus RG. "Anesthesia and/or sedation for pulsed dye laser therapy." *Ped Dermatol*. 1992; 9:143-146.
37. Geronemus R. "The flashlamp-pumped pulsed dye laser in the treatment of cutaneous vascular disorders." *Monografias de Dermatologia*. 1992; 5(1):34-39.
38. Geronemus RG. "Laser surgery of the nail unit." *J Dermatol Surg Oncol*. 1992; 18:735-743.
39. Geronemus RG. Review of "Atlas of Cutaneous Laser Surgery." *Arch Dermatol*. 1992; 128:1289.
40. Ashinoff R, Geronemus R. "The Q-switched ruby laser in the treatment of pigmented lesions of the mucous membranes." *J Am Acad Dermatol*. 1992; 27(5):809-812.
41. Geronemus RG. "Q-switched ruby laser therapy of nevus of Ota." *Arch Dermatol*. 1992; 128:1618-1622.
42. Ashinoff R, Geronemus R. "The Q-switched ruby laser in the treatment of traumatic tattoos." *Plast Reconst Surg*. 1993; 91:841-846.
43. Renfro L, Geronemus R. "Anatomical differences in the treatment of port wine stains with the pulsed dye laser." *Arch Dermatol*. 1993; 129:182-188.
44. Ashinoff R, Geronemus R. "Failure of the flashlamp-pumped pulsed dye laser in preventing growth of deep Hemangiomas." *Ped Dermatol*. 1993; 10:77-80.
45. Geronemus RG. "The pulsed dye laser in the treatment of vascular lesions in children." *J Dermatol Surg Oncol*. 1993; 19:303-310.
46. Blei F, Orlow SJ, Geronemus RG. "Supraumbilical midabdominal raphei sternal atresia and hemangioma in an infant: Response of hemangioma to laser and interferon therapies." *Ped Dermatol*. 1993; 10(1):71-73.
47. Anderson RR, Geronemus RG, Kilmer S, Fitzpatrick R. "Cosmetic tattoo ink darkening. A complication of Q-switched and pulsed dye laser treatment." *Arch Dermatol*. 1993; 129:1010-1014.
48. Hruza G, Dover J, Geronemus R, Arndt K. "Lasers in Dermatology." *Arch Dermatol*. 1993; 129:1026-1030.
49. Blei F, Orlow SJ, Geronemus RG. "Interferon alfa-2A therapy for extensive perianal and lower extremity hemangioma." *J Am Acad Derm*. 1993; 29:98-99.

50. Renfro LR, Geronemus RG, Kauvar AB. "Anatomical differences of port-wine stains located on the trunk and extremities in response to treatment with the pulsed dye laser." *Lasers Surg Med.* 1994; 14(6 Suppl):47.
51. Kauvar A, Geronemus R. "Laser treatment of cutaneous vascular lesions in Operative Techniques in Otolaryngology." *Head and Neck Surgery.* 1994; 5(4):250-58.
52. Geronemus R. "The argon laser for the treatment of cutaneous lesions." *Clinics in Dermatol.* 1995; 13:55-58.
53. Dover J, Geronemus R, Stern R, O'Hare D, Arndt K. "Comparison of the continuous wave tunable dye laser with a robotized scanning device and the pulsed dye laser." *J Am Acad Dermatol.* 1995; 32:237-40.
54. Levine V, Geronemus RG. "Side effects of pulsed dye laser treatment of vascular lesions: a review of 500 patients." *J Am Acad Dermatol.* 1995; 32:613-617.
55. Levine V, Geronemus RG. "Q-switched ruby vs. Q-switched Nd:YAG laser in treatment of tattoos." *Cutis.* 1995; 55(5): 291-296.
56. Geronemus R. "Laser Surgery - 1995." *Dermatol Surg.* 1995; 21:399-403.
57. Kauvar A, Geronemus R. "Pulsed dye laser therapy of resistant port-wine stains." *Dermatol Surg.* 1995; 21:515-521.
58. Waldorf H, Kauvar A, Geronemus R. "Carbon dioxide laser with flashscanner resurfacing of facial rhytides in 47 patients." *Dermatol Surg.* 1995; 21:940-946.
59. Kauvar A, McDaniel D, Geronemus R. "Pulsed dye laser treatment of recalcitrant verrucae." *Arch Fam Med.* 1995; 4:1035-1040.
60. Kauvar A, Waldorf H, Geronemus R. "Effect of 7 mm vs. 5 mm spot size on pulsed dye laser treatment of port-wine stains and hemangiomas." *Lasers Surg Med.* 1995; 7:56.
61. Waldorf H, Kauvar A, Geronemus R, Leffell D. "Remote fire with the pulsed dye laser: Risk and prevention." *J Am Acad Dermatol.* 1996; 34:503-505.
62. Waldorf H, Kauvar A, Geronemus R. "Treatment of small and medium-sized congenital nevi with the Q-switched ruby laser." *Arch Dermatol.* 1996; 132:301-304.
63. Geronemus R, Kauvar A. "Pulsed dye laser treatment of hemangiomas." *Plast Recons Surg.* 1996; 97:1302-1303.
64. Geronemus R. "Pulsed dye laser treatment of the vascular component of the Rothmund-Thomson Syndrome." *Ped Dermatol.* 1996; 13:175.
65. Kauvar A, Waldorf H, Geronemus R. "A comparative histopathological comparison of 'Char-free' carbon dioxide (CO<sub>2</sub>) laser systems." *Dermatol Surg.* 1996; 22:343-348.
66. Geronemus R. "Surgical Pearl: Q-switched Nd:YAG laser removal of eyeliner tattoo." *J Am Acad Derm.* 1996; 35:101-102.

67. Waldorf H, Kauvar A, Geronemus R. "Laser resurfacing." *Dermatol Surg.* 1996; 22:733-734.
68. Goldman MP, Eckhouse S, Cooperider P, Fitzpatrick R, Fox R, Garden J, Geronemus R, Goldberg D, Hunt J, Kauvar A, Sulkin M, Thomas D. "Photosclerosis of benign vascular lesions." *Dermatol Surg.* 1996; 22:323-330.
69. Alster A, Kauvar A, Geronemus R. "Histology of laser resurfacing." *Semin Cutan Med Surg.* 1996; 15(3):189-193.
70. Bernstein L, Geronemus, R. "Keloid formation with the 585 nm pulsed dye laser during isotretinoin treatment." *Arch Dermatol.* 1997; 133:111-112.
71. Bernstein L, Palaia D, Bank D, Geronemus R. "Tattoo formation from synthetic suture and successful removal with the Q-switched ruby laser." *Dermatol Surg.* 1997; 22(12):1040-1042.
72. Bernstein L, Kauvar A, Grossman M, Geronemus R. "Short and long term side effects following CO<sub>2</sub> laser resurfacing of rhytides." *Dermatol Surg.* 1997; 23:519-525.
73. Waldorf H, Alster T, Kauvar A, Geronemus R, Nelson S. "Effect of dynamic cooling on 585 nm pulsed dye laser treatment of port-wine stain birthmarks." *Dermatol Surg.* 1997; 23:657-662.
74. Kauvar A, Geronemus R. "Histology of laser resurfacing." *Derm Clin.* 1997; 15(3):459-469.
75. Geronemus, R. Commentary of "Infections after laser resurfacing." *Dermatol Surg.* 1997; 23:535-536.
76. Frieden I, Eichenfield L, Esterly N, Geronemus R, Mallory S. "Guidelines of care for hemangiomas." *J Am Acad Dermatol.* 1997; 37(4):631-637.
77. Blei F, Orlow S, Geronemus R. "Treatment of neonatal hemangiomas." *J Am Acad Derm.* 37:1025-1027, 1997.
78. Bernstein L, Kauvar A, Grossman M, Geronemus R. "Before and After Photographs." *Dermatol Surg.* 1997; 23:1225.
79. Bernstein L, Kauvar ANB, Grossman M, Geronemus R. "Scar Resurfacing with High-Energy, Short-pulsed and Flashscanning Carbon Dioxide Lasers." *Dermatol Surg.* 1998; 24:101-107.
80. Geronemus, R. "Laser resurfacing." *Dermatol Surg.* 1998; 24:121-130.
81. Geronemus R, Kauvar ANB, McDaniel D. "Treatment of recalcitrant verrucae with both the Ultrapulse CO<sub>2</sub> and pulsed dye lasers." *Plast Recon Surg.* 1998; 101(7):2010.
82. Kauvar A, Geronemus R. "Treatment of port wine stains." *N Engl J Med.* 1998; 339:635-636.
83. Bernstein E, Lee J, Lowery J, Brown D, Geronemus R, Lask G, Hsia J. "Treatment of spider veins with the 595 nm pulsed dye laser." *J Am Acad Dermatol.* 1998; 39:746-750.

84. Geronemus R. Commentary of "Laser assisted hair removal." *Dermatol Surg.* 1998; 24(12):1405.
85. Geronemus R. Commentary of "Laser resurfacing of the neck." *Dermatol Surg.* 1999; 25(3):167-168.
86. Miller C, Pitten F, Watson H, Geronemus R. "Stress and family satisfaction in parents of children with facial port wine stains." *Ped Dermatol.* 1999; 16(3):190-197.
87. Kelly K, Nelson J, Lask G, Geronemus R, Bernstein, L. "Cryogen Spray cooling in combination with non-ablative laser treatment of facial wrinkles." *Arch Dermatol.* 1999; 135:691-694.
88. Geronemus R, Bisaccia E, Brody H, Gaston D, Glogau R, Hanke CW, Katz B, McBurney E, Robertson D, Spencer J, Wheeland R. "Current issues in dermatologic office-based surgery." *Dermatol Surg.* 1999; 25:805-814.
89. Geronemus R. "Q-switched ruby laser therapy of acquired bilateral nevus of Ota - like macules." *Dermatol Surg.* 1999; 25:941.
90. Geronemus R. "Risk of hair ignition." *J Cutan Laser Ther.* 1999; 1:189.
91. Lou W, Quintana A, Geronemus R, Grossman, M. "Effects of topical vitamin K and retinol on laser induced purpura on nonlesional skin." *Dermatol Surg.* 1999; 25:942-944.
92. Lou W, Quintana A, Geronemus R, Grossman M. "Prospective study of hair reduction by 810 nm diode laser with long term follow-up." *Dermatol Surg.* 2000; 26:428-432.
93. Geronemus R, Lou W, Quintana A, Kauvar A. "High fluence modified pulsed dye laser photocoagulation with dynamic cooling of port wine stains in infancy." *Arch Dermatol.* 2000; 136:942-943.
94. Friedman P, Geronemus R. "Antibiotic prophylaxes in laser resurfacing patients." *Dermatol Surg.* 2000; 26:695-697.
95. Wheeland R, McBurney E, Geronemus R. "The role of dermatologists in the evolution of laser surgery." *Dermatol Surg.* 2000; 26:815-822.
96. Ross V, Yashar S, Michaud N, Fitzpatrick R, Geronemus R, Tope W, Anderson R. "Tattoo darkening and non-response after laser treatment: A possible role for titanium dioxide." *Arch Dermatol.* 2001; 137:33-37.
97. Dinehart S, Kincannon J, Geronemus R. "Hemangiomas: Evaluation and treatment." *Dermatol Surg.* 2001; 27:475-485.
98. Lou W, Geronemus R. "Laser treatment of vascular and pigmented lesions, laser hair removal and laser resurfacing." *Current Problems in Dermatology.* 2001; 13(1):5-24.
99. Friedman P, Geronemus R. "308 nm Excimer laser treatment of post laser resurfacing leukoderma." *Arch Dermatol.* 2001; 137:824-825.
100. Kauvar A, Geronemus R. "Pulsed dye laser versus conventional therapy in the treatment of warts." *J Am Acad Dermatol.* 2001; 45(1):151.

101. Friedman P, Mafong E, Friedman E, Geronemus R. "Topical anesthesia update EMLA and beyond." *Dermatol Surg.* 2001; 27:1019-1026.
102. Lou W, Geronemus R. "Treatment of port-wine stains by variable pulse width pulsed dye laser with cryogen spray: a preliminary study." *Dermatol Surg.* 2001; 27:963-965.
103. Kauvar A, Frew K, Friedman P, Geronemus R. "Cooling gel improves Pulsed KTP laser treatment of facial telangiectasia." *Lasers Surg Med.* 2002; 30(2):149-154.
104. Geronemus R. "Legislative and Regulatory Issues in Dermatology." *Cosmetic Surg.* 2002; 15(1):11-19.
105. Friedman P, Skover G, Payonne G, Kauvar A, Geronemus R. "3D In-vivo optical skin imaging for topographical quantitative assessment of non-ablative laser technology." *Dermatol Surg.* 2002; 28:199-204.
106. Feldman S, Mellen B, Salam T, Fitzpatrick R, Friedman P, Geronemus R, Vasily D, Morison W. "Efficacy of 308 nm excimer laser treatment of psoriasis: results of a multicenter study." *J Am Acad Dermatol.* 2002; 46:900-906.
107. Mafong E, Kauvar ANB, Geronemus R. "308nm Excimer laser treatment of inverse psoriasis." *Dermatol Surg.* 2002; 28:530-532.
108. Friedman P, Mafong E, Kauvar A, Geronemus R. "Safety data of injectable non-animal hyaluronic gel for soft tissue augmentation." *Dermatol Surg.* 2002; 28:491-494.
109. Geronemus, R. "Should Non-Physicians Perform Cosmetic Procedures." *Dermatol Surg.* 2002; 28(9):857-859.
110. Biesman B, Dover J, Arndt K, Geronemus R. "Lasers in Facial Plastic Surgery." *Arch Facial Plast Surg.* 2002; 4:270-271.
111. Friedman P, Skover G, Payonne G, Geronemus R. "Quantitative Evaluation of Non-Ablative Laser Technology." *Semin Cutan Med Surg.* 2002; 21(4):266-273.
112. Mafong E, Kauvar A, Geronemus R. "Laser Treatment of Cosmetic Tattoos." *J Am Acad Dermatol.* 2003; 271-272.
113. Brody H, Geronemus R, Farris P. "Beauty versus Medicine: The Non-Physician Practice of Dermatologic Surgery." *Dermatol Surg.* 2003; 29:319-324.
114. Weiss R, McDaniel D, Geronemus R. "Review of Non-Ablative Photorejuvenation: Reversal of the Aging Effects of the Sun and Environmental Damage Using Laser and Light Sources." *Semin Cutan Med Surg.* 2003; LL(2):93-106.
115. Chen J, Bernstein L, Jacobson L, Alexiades-Armenakas M, Geronemus R. "Two Randomized, Double Blind Studies Evaluating the S-Caine Peel for Induction of Local Anesthesia Prior to Nd:YAG Laser Therapy for Leg Veins." *Dermatol Surg.* 2003; 29(10):1012-1018.
116. Alexiades-Armenakas M, Bernstein L, Mafong E, Geronemus R. "Laser-Medicated Photodynamic Therapy of Actinic Keratoses." *Arch Dermatol.* 2003; 139(10):1313-1324.

117. Jacobson L, Geronemus R. "Correction of Nasolabial Folds and Jowls with a non-invasive Radiofrequency Device." *Arch Dermatol*. 2003; 139(10): 1371-1372.
118. Fitzpatrick R, Geronemus R, Goldberg D, Kaminer M, Ruiz-Esparza J. "Multi-center Study of Non-invasive Radiofrequency for Periorbital Tightening." *Laser Med Surg*. 2003; 33:232-242.
119. Kim K, Geronemus R. "A New Look at Photodynamic Therapy." *Skin Cancer Foundation Journal*. 2004; 20:46-90.
120. Friedman P, Jih M, Burns J, Geronemus R, Kimyai-Asadi A, Goldberg L. "Non-Physician Practice of Dermatologic Surgery." *Dermatol Surg*. 2004; 30(61): 857-864.
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193. Brightman L, Geronemus R. "Ablative Fractional Resurfacing of Allergic Granulomatous Tattoo Reaction." (in press)
194. Brightman LA, Weiss E, Hunzeker C, Karen J, Hale EK, Chapas A, Bernstein LB, Geronemus RG. "Neck Rejuvenation and Tightening with an Ablative Fractional CO<sub>2</sub> Laser." (in press)
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196. Burns AJ, Bachelor E, Coleman S, Dover J, Fitzpatrick R, Garden J, Geronemus R, Goldberg D, Kramer S, Mayoral F, Okamoto E, Riopelle J, Tanzi E, Zelickson B. "Analysis of Side Effects of Noninvasive Cryolipolysis for Subcutaneous Fat Layer Reduction – Interim Report from Controlled Clinical Trials". (Submitted for Publication)

## **CHAPTERS**

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  18. Friedman P, Geronemus R. "Topical Anesthetics in Advanced Cosmetic Dermatology," in *Comprehensive Step-by-Step Techniques*, eds. Goldman M, Weiss R.
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31. Chapas A, Geronemus R, Hale E. "Energy Based Treatment of the Aging Face for Skin Resurfacing: Ablative and Non-ablative Lasers, Photo Dynamic Therapy of Photoaging and Actinic Damage," eds. Robinson J, et al. (Elsevier, 2010)
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35. Weiss R, Geronemus R, McDaniel D. "LED Photomodulation for Reversal of Photoaging and Reduction of Inflammation," in *Cosmetic Dermatology: Products and Procedures*. (2010), chp. 55. (in press)

## **BOOKS**

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2. Geronemus R and Hanke CW, *Essentials in Dermatologic Surgery for the Dermatologist*. Association of Academic Dermatologic Surgeons, 1992.
3. Dinehart S, Hanke CW and Geronemus R, *Basic Dermatologic Surgery for Medical Students*. Association of Academic Dermatologic Surgeons, 1993.
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6. Dover J, Arndt K, Geronemus R and Alora M, *Illustrated Cutaneous Laser Surgery: A Practitioner's Guide, 2nd Edition*. Norwalk, CT: Appleton & Lange, 2000.

## **LECTURES**

October 1983

Schering Surgical Workshop, New York, NY - "Lasers in Dermatology"

- April, 1984 New York University, New York, NY - Advances in Dermatology - "Lasers in Dermatology"
- October, 1984 Schering Surgical Workshop, New York, NY - "Lasers in Dermatology"
- April, 1985 New York University, New York, NY - Advances in Dermatology - "Lasers in Dermatology" & "Demonstration of Lasers"
- December, 1985 American Academy of Dermatology, Las Vegas, NV - "The Argon Laser in Cutaneous Disease"
- April, 1986 New York University, New York, NY - Advances in Dermatology - "Lasers in Dermatology" & "Demonstration of Lasers"
- May, 1986 New York County Medical Society, New York, NY - "Lasers in Dermatology"
- October, 1986 Maimonides Hospital, Brooklyn, NY - Grand Rounds, Department of Surgery - "Mohs Surgery in the Treatment of Skin Cancer"
- Mt. Sinai Hospital, New York, NY - Grand Rounds, Department of Dermatology - "Lasers in Dermatology"
- November, 1986 Westchester County Medical Society, Purchase, NY - "Lasers in Dermatology"
- Mt. Sinai Hospital, New York, NY - Vascular Surgery Conference - "Lasers in the Treatment of Vascular Disorders"
- December, 1986 American Academy of Dermatology, New Orleans, LA - "The Argon Laser in the Treatment of Cutaneous Diseases" & "Lasers in the Dermatology Practice"
- April, 1987 New York University, New York, NY - Advances in Dermatology - "Lasers in Dermatology" & "Demonstration of Lasers"
- November, 1987 New York County Medical Society, New York, NY - "Dye Laser Therapy of Vascular Lesions"
- December, 1987 American Academy of Dermatology, San Antonio, TX - "Argon vs. Dye Laser Therapy in the Treatment of Vascular Lesions" & "Lasers in the Dermatology Practice"
- January, 1988 New York University, New York, NY - Grand Rounds, Department of Ophthalmology - "Mohs Surgery for Tumors of the Periorbital Skin"
- March, 1988 New York Medical College, New York, NY - Grand Rounds, Department of Dermatology - "Mohs Surgery for Skin Cancer"
- American College of Physicians Annual Meeting, New York, NY - "Treatment of Skin Cancer"
- April, 1988 New York University, New York, NY - Advances in Dermatology - "Lasers

- in the Treatment of Vascular Lesions of the Skin," "Demonstration of Lasers," & "Surgical Cases of Interest"
- June, 1988 American Academy of Dermatology Summer Session, New York, NY - "Lasers in Dermatology"
- November, 1988 Mt. Sinai Hospital, New York, NY - Vascular Surgery Conference - "Lasers in the Treatment of Vascular Lesions"
- December, 1988 American Academy of Dermatology, Washington, DC - "Yellow Light Therapy" & "Lasers in the Dermatology Practice"
- April, 1989 American Society for Laser Surgery and Medicine, Arlington, VA - "Pulsed Dye Laser Treatment of Port Wine Stains in Children"
- April, 1989 New York University, New York, NY - Advances in Dermatology - "Laser Therapy"
- September, 1989 Beth Israel Medical Center, New York, NY - Cosmetic Surgery Symposium - "Laser Therapy of the Aging Face"
- Harvard Medical School, Boston, MA - Cutaneous Laser Therapy Symposium - "Dye Laser Therapy," "Which Laser to Choose for a Vascular Lesion" & "How to Establish a Laser Practice"
- November, 1989 Mt. Sinai Hospital, New York, NY - Vascular Surgery Symposium - "Laser Treatment of Vascular Disorders"
- December, 1989 American Academy of Dermatology, San Francisco, CA - "Pulsed Dye Laser Therapy for Vascular Lesions," "EMLA Cream," & "Laser Surgery of Cutaneous Tumors"
- January, 1990 New York University, New York, NY - Grand Rounds, Department of Ophthalmology - "Mohs Micrographic Surgery for Skin Cancer"
- April, 1990 New York University, New York, NY - Advances in Dermatology - "New Lasers and Their Indications"
- May, 1990 University of California in San Francisco, San Francisco, CA - Department of Dermatology - "Dye Laser for the Treatment of Port Wine Stains"
- June, 1990 American Academy of Dermatology Summer Session, Boston, MA - "Lasers in the Dermatology Practice"
- September, 1990 Beth Israel Medical Center, New York, NY - Cosmetic Dermatology Symposium - "New Laser Treatments"
- New York Ophthalmologic Laser Society, New York, NY - "Laser Treatment of Cutaneous Periorbital Lesions"
- October, 1990 Harvard Medical School, Boston, MA - Laser Surgery Course -

"Fundamentals of Pulsed Dye Laser Surgery," "Choosing a Laser for Vascular Lesions," & "Q-Switched Ruby Laser for Tattoos and Pigmented Lesions"

New York Society for Clinical Ophthalmology, New York, NY - "Laser Treatment of Dermatologic Disorders"

November, 1990 Mt. Sinai Hospital, New York, NY - Vascular Surgery Symposium - "Laser Treatment of Vascular Disorders"

December, 1990 American Academy of Dermatology Meeting, Atlanta, GA - "Challenging Surgical and Laser Cases from NYU," "Laser Treatment of Vascular Disorders," & Faculty of Basic Surgery and "Flap" Courses

January, 1991 American Society of Lasers in Dentistry, New York, NY - "Laser Surgery of the Cutaneous and Muco-cutaneous Tissue"

Winter Skin Seminar, Vail, CO - "Lasers - 1991" & "Surgical Pearls"

February, 1991 New York University, New York, NY - Grand Rounds, Department of Pediatrics - "Laser Surgery of Vascular Lesions in Children"

March, 1991 American Society for Dermatologic Surgery Annual Meeting, Orlando, FL - "Q-Switched Ruby Laser Treatment of Tattoos and Pigmented Lesions"

April, 1991 World Congress on Skin Cancer, New York, NY - "Laser Surgery"

New York University, New York, NY - Advances in Dermatology - "Laser Surgery"

October, 1991 Harvard Medical School, Boston, MA - Laser Surgery Course  
"Fundamentals of Pulsed Dye laser Surgery" "Choosing a Laser for Vascular Lesions" & "Q-Switched Ruby Laser for Tattoos and Pigmented Lesions"

Mt. Sinai Hospital, New York, NY - Vascular Surgery Symposium - "Laser Treatment of Vascular Disorders"

Downstate Medical Center, Brooklyn, NY - Grand Rounds, Dept. of Dermatology - "Selective Photothermolysis Utilizing Lasers"

Greater New York Dermatologic Society, New York, NY - "The Q-Switched Ruby Laser"

December, 1991 American Academy of Dermatology Meeting, Dallas, TX - "Yellow

Light Lasers," "Ruby Laser Treatment of Traumatic Tattoos," "Lasers in Dermatology," "Pulsed Dye Laser Treatment of Hemangiomas," "Surgical Pearls" & "Flap Workshop"

January, 1992 Manhattan Eye & Ear Hospital, New York, NY - Lasers in Ophthalmology Course - "Laser Treatment of Cutaneous Disorders"

- St. Vincent's Medical Center, Staten Island, NY - Pediatric Grand Rounds - "Lasers and Children"
- American Academy of Facial Plastic and Reconstructive Surgery, New York, NY - "Cutaneous Laser Surgery"
- Biomedical Optics '92, Society of Photo-Optical Instrumentation Engineers, Los Angeles, CA - Co-Chair, Lasers in Dermatology and Plastic Surgery - "Q-Switched Ruby Laser Photothermolysis of Nevus of Ota"
- March, 1992 American Society for Dermatologic Surgery, Scottsdale, AZ - "Lasers in Dermatology," "Q-Switched Ruby Laser"
- May, 1992 American Society for Laser Medicine and Surgery, Orlando, FL - "Q-Switched Ruby Laser Therapy of Nevus of Ota" & "Insurance Issues Relating to Laser Treatment of Port Wine Stains"
- Lenox Hill Hospital, New York, NY - Grand Rounds, Department of Plastic Surgery
- June, 1992 Yale University, New Haven, CT - Grand Rounds, Department of Dermatology
- Albert Einstein College of Medicine, Bronx, NY - Grand Rounds, Department of Dermatology
- NYU Medical Center, New York, NY - Update in Pediatrics - "Lasers and Vascular Lesions in Children"
- World Congress of Dermatology, New York, NY - Advances in Dermatology Lecture: "Lasers"
- August, 1992 Controversies in Laser Surgery, Snow Mass, CO - "Pulsed Dye Laser Treatment of Port Wine Stains," "Treatment of Hemangiomas" & "Laser Treatment of Pigmented Lesions"
- October, 1992 Advances in Dermatology, NYU Medical Center, New York, NY - "Selecting the Appropriate Laser"
- Harvard Medical School Boston, Massachusetts - "Fundamentals of Pulsed Dye Laser Surgery", "Choosing a Laser for Vascular Lesions", "Establishing a Laser Unit"
- December, 1992 American Academy of Dermatology, San Francisco, CA - "Lasers for Vascular Lesions", "Lasers in Dermatology", "Surgical Pearls", "Flap Worship", "Lasers for Pigmented Lesions"
- January, 1993 Grand Rounds, Department of Otolaryngology, University of Medicine and Dentistry, New Jersey Medical School, Newark, NJ - "Lasers in the Treatment of Skin Disease"

- February, 1993 Grand Rounds, Department of Pediatrics, Maimonedes Hospital, Brooklyn, NY. "Lasers and Vascular Lesions in Children"
- March, 1993 American Society for Laser Medicine and Surgery, Charleston, SC, Moderator, Laser Surgery Symposium
- April, 1993 American Society for Laser Medicine and Surgery. Co-Chairman, Plastic Surgery and Dermatology Section. "Cutaneous Laser Surgery, 1993", "Pulsed Dye Laser Treatment of Peri-Orbital Port-Wine Stains"
- May, 1993 Albert Einstein College of Medicine, Bronx, NY - Grand Rounds, Department of Dermatology
- October, 1993 Advances in Dermatology, NYU Medical Center, NY, New York "Surgical Pearls"
- Harvard Medical School Boston, MA - "Fundamentals of Pulsed Dye Laser Surgery", "Choosing a Laser for Vascular Lesions", "Establishing a Laser Unit"
- December, 1993 American Academy of Dermatology, Washington, D.C. "Laser Update" - 1993 - plenary session, "Lasers in Dermatology", "Lasers for Pigmented Lesions", "Selective Photothermolysis of Pigmented Lesions"
- March, 1994 Q-switched ruby laser therapy - Scottsdale, AZ - "Treatment of Tattoos", Controversies in Q-switched laser therapy.
- April, 1994 American Society for Laser Medicine and Surgery, Toronto, Canada.
- "Anatomical Differences in Pulsed Dye Laser Treatment Below the Head and Neck."
- April, 1994 Society for Investigative Dermatology, Washington, D.C.
- "An In-Vitro Assay to Predict the Response of Q-switched Lasers to Tattoo Ink."
- May, 1994 American Society for Dermatologic Surgery, San Diego, CA - "Lasers for Vascular Lesions".
- July, 1994 American Academy of Dermatology, San Francisco, CA - "Laser Surgery of the Nail Unit"
- October, 1994 New York Medical College, Valhalla, NY - Grand Rounds, Department of Dermatology
- Harvard Medical School, Boston, MA - "Fundamentals of Pulsed Dye Laser Surgery", "Choosing a Laser for Vascular Lesions", "Establishing a Laser Unit", "Choosing a Laser for Pigmented Lesions"
- February, 1995 American Academy of Dermatology, New Orleans, LA - "Choosing a Laser for Vascular Lesions", "Choosing a Laser for Pigmented Lesions", "Surgical Pearls"

- March, 1995      Dermatology Foundation Colloquium, Naples, FL - "Advances in Laser Surgery - 1995: An overview of laser surgery"
- Beth-Israel Hospital, New York, NY - Department of Dermatology - Grand Rounds
- May, 1995      American Society for Dermatologic Surgery, Hilton Head, SC - "Lasers for Pigmented Lesions", "Lasers for Vascular Lesions"
- July 1995      American Academy of Dermatology - Summer Session, Chicago, IL  
"Lasers 1995, What's New"
- August, 1995      Harvard Medical School, Bermuda - "Controversies in Laser Surgery and Lesions," "Lasers and Vascular and Pigmented Lesions," "Laser Resurfacing," "Lasers and Warts," and "Choosing a Laser."
- October, 1995      Harvard Medical School, Boston, MA - "Fundamentals of Pulsed Dye Laser Surgery", "Choosing a Laser for Vascular Lesions", "Establishing a Laser Unit", "Choosing a Laser for Pigmented Lesions", "Light Source Treatment of Leg Veins"
- Advances in Dermatology, New York University, New York, NY - "Light Source Treatment of Leg Veins"
- November, 1995      Cosmetic Dermatology Symposium. Scottsdale, AZ - "Laser Resurfacing."
- December, 1995      Long Island Dermatologic Society. "Lasers - 1996".
- January, 1996      Albert Einstein Medical Center, Department of Dermatology Grand Rounds. ALasers@.
- February, 1996      American Academy of Dermatology, Washington, D.C. "Laser Resurfacing", "Choosing a Vascular Lesion Laser", "Pediatric Laser Surgery"
- May, 1996      American Society for Dermatologic Surgery. Palm Desert, CA - "Hair Removal with Q-switched Lasers", "Effect of 10 mm vs. 5 mm spot size on Pulsed Dye Laser Treatment of Port Wine Stains and Hemangiomas", "Laser Surgery Update", "Laser Resurfacing"
- July, 1996      American Academy of Dermatology, Orlando, FL - Director, Introductory Laser Course. "Establishing a Laser Practice in the Private and Academic Settings"
- October, 1996      Harvard Medical School, Boston, MA - Cutaneous Laser Surgery Course. Associate Director. "Choosing a Laser for Vascular Lesions", "Establishing a Laser Practice", "Light Source Treatment of Leg Veins"
- January, 1997      Chicago Dermatologic Society, Chicago, IL - "Laser Treatment of Pigmented Lesions", "Laser Treatment of Leg Veins", and "Laser Resurfacing".

- March, 1997 American Academy of Dermatology, San Francisco, CA - Course Director, Introductory laser course, "Establishing a Laser Practice in the Private and Academic Setting," "Laser Resurfacing," Laser Hands On Course, Surgical Hands On Course and "The Use of Different Laser Systems for Laser Resurfacing"
- April, 1997 American Society for Laser Medicine and Surgery, Scottsdale, AZ – "A Paradigm for the Treatment of Facial Telangiectasia"
- May, 1997 American Society of Dermatologic Surgery, Boston, MA – "A Paradigm for the Treatment of Laser Telangiectasia," "The Use of Different Laser Systems for Laser Resurfacing" and "Lasers in Dermatology."
- July, 1997 American Academy of Dermatology, New York, NY – Course - Director, "Introduction to Lasers," "Establishing a Laser Practice in the Private and Academic Setting" and "Laser Resurfacing."
- August, 1997 Controversies in Cutaneous Laser Surgery, Sante Fe, NM – "The Use of Cooling Devices in the Treatment of Skin Disorders" and "An Update in the Use of Different Lasers for the Treatment of Vascular Lesions"
- October, 1997 Harvard Medical School, Boston, MA - Cutaneous Laser Surgery Course, Associate Director. "Choosing a Laser for Vascular Lesions", "Establishing a Laser Practice", "Laser and Light Source Treatment of Leg Veins"
- University of Miami School of Medicine, Miami, FL - Visiting Professor, Department of Dermatology. "Laser Treatment of Vascular and Pigmented Lesions"
- Miami Dermatologic Society, Miami, FL – "Update on Lasers"
- November, 1997 Michigan State Dermatologic Society, Dearborne, MI – "Laser Treatment of Pigmented Lesions and Tattoos"
- Mt. Sinai School of Medicine, New York, NY - Department of Otolaryngology, Grand Rounds. - "Laser Treatment of Vascular Lesions"
- Northwestern University School of Medicine, Orlando, FL - "Cosmetic Dermatology," "Cosmetic Surgery," "Laser Resurfacing"
- Dermatologic Society of Greater New York, New York, NY – "The Pros and Cons of Erbium vs. CO<sub>2</sub> laser Resurfacing"
- January, 1998 Hawaii Dermatologic Seminar, Big Island, HI – "Laser Treatment of Vascular Lesions", "Laser Resurfacing"
- February, 1998 American Academy of Dermatology, Orlando, FL - Course Director – "Introduction to Lasers", "Establishing a Laser Practice", "Laser Resurfacing, CO<sub>2</sub> vs. Erbium Laser Resurfacing," "The Approach to Laser Resurfacing"
- May, 1998 Atlantic Dermatologic Surgery, New York, NY – "Laser

## Resurfacing"

American Society for Dermatologic Surgery, Portland, OR – "Laser Treatment of Vascular Lesions," Session Director "Laser Update"

August, 1998

Controversies in Laser Surgery, Bermuda. – "Post Resurfacing Wound Care," "New Developments in Skin Rejuvenation"

October, 1998

Harvard Medical School, Boston, MA - Laser Surgery Course, Associate Director. "Choosing a Laser for Vascular Lesions"

"Establishing a Laser Practice"

Dermatologic Society of Greater New York, New York, NY – "Certification and Credentialing for Office Based Surgery"

NYU Advances in Dermatology, New York, NY – "Laser Assisted Hair Removal," "Getting Started With Lasers"

November, 1998

Dialogues in Cosmetic Dermatology. Phoenix, AZ – "CO<sub>2</sub> vs. Erbium:YAG Resurfacing," "Laser Assisted Hair Removal"

January, 1999

Advances in Skin Care / Hair Removal Symposium, Carlsbad, CA – "Short and Long Term Results of Laser Resurfacing," "Laser Hair Removal," "Laser Leg Vein Therapy"

New Horizons in Cosmetic Surgery, Carlsbad, CA – "Laser Hair Removal," "Laser Resurfacing"

March, 1999

American Academy of Dermatology, Annual Meeting, New Orleans, LA - Course Director, Basic Laser Course, "CO<sub>2</sub> Resurfacing," "Establishing a Laser Practice," "What's New - Lasers," "Non-Ablative Lasers for Facial Rejuvenation," "Avoiding a Laser Fire," "Avoiding Paradoxical Darkening of Tattoo Pigment," "Treating Laser Resurfacing Complications," "Treatment of Eyelid and Eyebrow Tattoos," "Treating Poikiloderma of Civatte"

April, 1999

American Society for Laser Medicine and Surgery, Orlando, FL - "Treatment of Laser Resurfacing Complications," "High Fluence (11-14 J/cm<sup>2</sup> - 7 mm Spot) Long Pulsed Dye Laser at 595 nm with Dynamic Cooling in the Treatment of Port Wine Stains and Hemangiomas."

May, 1999

American Society for Dermatologic Surgery, Miami, FL – "Laser Treatment of Vascular Lesions," "High Fluence (11-14 J/cm<sup>2</sup> - 7 mm Spot) Long Pulsed Dye Laser at 595 nm with Dynamic Cooling in the Treatment of Port Wine Stains and Hemangiomas."

July, 1999

American Academy of Dermatology (Summer Session) New York, NY – "Lasers for Leg Veins," "Erbium Laser," "Hair Removal," "Laser Resurfacing."

New York State Society of Dermatology Annual Meeting- New York, NY – "Regulating Office Based Surgery"

- August, 1999 Controversies in Laser Surgery. Napa, CA – “Post Laser Resurfacing Wound Care.”
- October, 1999 Harvard Medical School, Boston, MA - Laser Surgery Course, Associate Director. “Choosing a Vascular Lesion Laser,” “Establishing a Laser Practice.”  
New York University Advances in Dermatology, New York, NY – “High Fluence, Pulsed Dye Laser Treatment of Vascular Malformations”
- November, 1999 Giants in Aesthetic Plastic Surgery and Aesthetic Surgery of the Aging Face. New York, NY - “Live Case - CO<sub>2</sub> Laser Resurfacing,” “Laser Treatment of Vascular and Pigmented Lesions,” “Laser Resurfacing.”
- December, 1999 Long Island Dermatology Society. Melville, LI – “Establishing a Laser Practice,” “Laser Treatment of Vascular Lesions,” “Laser Resurfacing”
- January, 2000 International Symposium on Aging Skin, Ft. Lauderdale, FL – “Dealing with Laser Complications”
- March, 2000 American Academy of Dermatology, Annual Meeting, San Francisco, CA - Course Director, Basic Laser Course, “Establishing a Laser Practice,” “Non-ablative Collagen Tightening,” “Long -Pulsed\_Pulsed Dye Laser,” “Laser Treatment of Telangiectases”
- April 2000 Downstate Medical Center, Brooklyn, NY - Department of Dermatology, Grand Rounds. “Laser Therapy”  
American Society for Laser Medicine and Surgery. Reno, NV - “Complications of Laser Surgery,” “Advanced Laser Resurfacing,” “Laser Treatment of Congenital Nevi,” “Recurrence of Port Wine Stains After Laser Therapy,” “Long Pulsed Dye Sclerolaser Treatment of Hemangiomas”
- May 2000 American Society for Dermatologic Surgery. New York, NY - Course Director, Lasers: Science and Skill
- July 2000 National Port Wine Stain Conference, Charleston, SC - Keynote Speaker. “Treatment of Port Wine Stains”
- August 2000 American Academy of Dermatology, Nashville, TN - Plenary Session Speaker, “Dilemmas in Dermatologic Surgery”  
Harvard Medical School, Controversies in Laser Surgery, Woodstock, VT – “The Use of Millisecond Lasers for Vascular Lesions,” “Nonablative Laser Technology”
- September 2000 Dialogues in Cosmetic Dermatology, Scottsdale, AZ - Update in Vascular Lesion Lasers, “Facial Rejuvenation,” “Laser Hair Removal”
- October 2000 Harvard Medical School, Boston, MA - Co-Director, Current Concepts in Cutaneous and Aesthetic Laser Surgery. “Vascular Lesions,” “Non-Ablative Laser Rejuvenation,” “Establishing a Laser Practice”

- New York University Medical Center, New York, NY - Advances in Dermatology. "Non-Ablative Laser Rejuvenation"
- November 2000 American Society for Dermatologic Surgery, Denver, CO – "Laser Treatment of Vascular Lesions," "New Technologies," "Establishing a Laser Practice"
- Advances in Aesthetic Plastic Surgery: The Cutting Edge II, New York, NY – "Laser Resurfacing, Live Demonstration," "Laser Complications," "Laser Resurfacing"
- Albert Einstein School of Medicine, Bronx, NY - Grand Rounds "Advances in Laser Surgery"
- January 2001 International Master Course on Aging Skin, Paris, France. –"Non-Ablative Laser Facial Rejuvenation," "Cooling in the Treatment of Vascular Lesions"
- February 2001 Skin Disease Education Foundation, HI – "Non-Ablative Laser Rejuvenation," "Laser Hair Removal"
- March 2001 American Academy of Dermatology, Washington, DC. Course Director, Laser Resurfacing, "Choice of Lasers in Resurfacing," "Establishing a Laser Practice," "Excimer Laser for Psoriasis"
- "Excimer Laser for Post Surgical Leukoderma," "Laser for the Vascular Sign of Aging Skin," "Combined 532 nm and 595 nm Pulsed Laser Treatment of Vascular Lesions," "Office Based Surgery - New York Issues," "Complications of Laser Resurfacing"
- April 2001 American Society for Laser Medicine and Surgery, New Orleans, LA - Ellet Drake Lectureship Award. Evolution of Laser Therapy as seen by the changes in laser treatment of vascular lesions, 1980 - 2000. Course Director, "Non-Ablative Laser Rejuvenation," "Laser Resurfacing Complications."
- May 2001 Vascular Anomalies Conference 2001, New York University Medical Center, New York, NY – "Laser Therapy of Vascular Anomalies - An update."
- June 2001 Head and Neck Surgery Grand Rounds, Beth Israel Medical Center, New York, NY – "Laser Update"
- August 2001 Controversies and Conversations in Cutaneous Laser Surgery, Denver Creek, CO – "Non-Ablative Laser Procedures," "Laser for Psoriasis," "Excimer Laser for Depigmentation"
- October 2001 Dermatologic Surgery of Greater New York, New York, NY – "Non-Physician Practice of Dermatology"
- New York University Medical Center, New York, NY - Advances in Dermatology, "Laser Treatment of Post Surgical Leukoderma"

- American Academy of Dermatology, New York, NY - Derm Update, "What's New in Laser Surgery"
- American Society for Dermatologic Surgery, Dallas, TX. Moderator, "Legislative Update," "New York Issues"
- November 2001 American Dermatologic Association, Palm Beach, FL.  
"3D In-vivo Optical Skin Imaging for Topographical Assessment of Non-Ablative Laser Technology for Acne scars and Rhytides"
- January 2002 Downstate Medical Center, Department of Dermatology, Brooklyn, NY - Grand Rounds. "Laser Update"
- February 2002 M.D.-Live, On-Line, Dermatologic Surgery. "Vascular Lasers"  
American Academy of Dermatology, New Orleans, LA – "Laser Complications," "Establishing a Laser Practice," "Non-Ablative Technology - What is the Evidence," "Radiofrequency and Non-Ablative Technology," "Laser Pearls"
- March 2002 Mt. Sinai, University of Iowa, New York, NY - Multidisciplinary Course on the Contemporary Management of Head and Neck Tumors. "Laser Surgery of Vascular Lesions," "MOHS Surgery"
- April 2002 American Society for Laser Medicine and Surgery, Atlanta, GA - Program Co-Chair Dermatology Sessions. "Complications From Laser Resurfacing," "Radiofrequency Induced Tissue Contraction"  
92<sup>nd</sup> Street YMCA, New York, NY – Women's Health Symposium, "Getting Your Glow Back"
- May 2002 International Symposium of Facial Plastic Surgery, Plenary Speaker, New York, NY – "Latest Advances in Cutaneous Laser Surgery"
- July 2002 World Congress of Dermatology, Paris, France, "Laser Treatment of Leg veins"  
American Academy of Dermatology, Plenary Speaker, New York, NY – "Advances in Laser Surgery," "Laser Treatments of Port Wine Stains"
- August 2002 Controversies in Cutaneous Laser Surgery, Ojai, CA – "Photodynamic Therapy: Has it Arrived?"
- October 2002 Grand Rounds, New York University Medical Center, Department of Dermatology, New York, NY – "Advances in Laser Surgery and Related Technologies"  
American Society for Dermatologic Surgery, Chicago, IL – "Current Political and Economic Issues"
- January 2003 Cosmetic Dermatology and Surgery Lectures Series, Mt. Sinai Hospital, New York, NY – "Update on Lasers and Related Technologies"

- March 2003 American Academy of Dermatology, San Francisco, CA – “Laser Resurfacing,” “Non-Ablative Rejuvenation,” “Establishing a Laser Practice,” “Medical Issues in the Cosmetic Patient,” “Radiofrequency Treatment of Facial Laxity,” “Resurfacing Complications”
- April 2003 American Society for Laser Medicine and Surgery, Anaheim, CA, Plenary Speaker, “Update on Laser Treatment of Cutaneous Disease,” “Photomodulation,” “Laser Treatment of port wine stains,” “Non-Ablative Treatment”
- June 2003 New York University Advances in Dermatology, New York, NY – “The Non-Surgical Facelift”
- August 2003 Controversies in Laser Surgery, Gleneden, Oregon – “Repigmentation of Scars and Striae,” “Non-ablative Radiofrequency”
- September 2003 International Laser Conference, Edinburgh, Scotland – “Non-ablative Rejuvenation,” “Light Emitting Diode Photomodulation”
- October 2003 American Society for Dermatologic Surgery, New Orleans, LA - “Light Emitting Diode Photomodulation,” “Non-Ablative Rejuvenation,” “Practice Management”
- Port Wine Stain Conference, New York, NY – “Treatment of Port Wine Stains”
- December 2003 Advanced Medical and Surgical Dermatology, Mt. Sinai Hospital, New York “New Technologies in Rejuvenation”
- January 2004 American Academy of Cosmetic Surgery, Hollywood, FL -Plenary talk. “Recent Advances with the use of lasers and Related Technologies,” “LED Photomodulation”
- February 2004 American Academy of Dermatology, Washington D.C. – “Non-Ablative Skin Rejuvenation,” “Clinical Indications for Radiofrequency,” “Laser Pearls,” “Cosmetic Therapeutics,” “What’s New in Lasers,” “LED and Photomodulation,” “How to Establish, Administer and Maintain a laser Practice,” “Laser Treatment of Vascular Birthmarks”
- March 2004 Grand Rounds, Albert Einstein Medical Center, Department of Dermatology, Bronx, New York. “What’s New in Lasers.”
- April 2004 American Society for Laser Medicine and Surgery, Dallas, TX - “Emerging Technologies,” “LED Photomodulation Suppresses UV Injury,” “Non-Ablative Radiofrequency – a New Paradigm for Treatment.”
- May 2004 Advances in Dermatology, New York University Medical Center. “LED Photomodulation.”
- August 2004 Controversies in Lasers, Mt. Tremblant, Canada. “LED- Myth or Reality,” “Non-Ablative Dermal Rejuvenation-Where Are We?”
- September 2004 American Academy of Facial Plastic Surgery, New York, NY.

"Innovations in Lasers."

- September 2004 American Society for Dermatologic Society, San Diego, CA.  
"Photodynamic Therapy," "Laser Pearls," "Fractional Resurfacing."
- October 2004 Fall Dermatology Conference, Las Vegas, Nevada. "Advances in Lasers."
- December 2004 Dermatologic Society of Greater New York, "Fractional Resurfacing."
- February 2005 American Academy of Dermatology, New Orleans, Louisiana - "Non-Ablative Skin Rejuvenation," "Laser Pearls," "What's New in Laser's," "Complications of Resurfacing," "Cosmetic Therapeutics," "When Bad Things Happen to Good Surgeons," "Laser Treatment of Vascular Birthmarks," "Fractional Resurfacing."
- April 2005 American Society for Laser Medicine and Surgery, Orlando, FL – "Vascular Lesions," "Fractional Resurfacing."
- April 2005 Beth Israel Medical Center, Advances in Head and Neck Surgery. New York., New York. "Mohs Surgery."
- June 2005 Advances in Dermatology, New York University Medical Center. "Fractional Resurfacing."
- June 2005 American Society for Dermatologic Surgery, New York, New York. "Teenagers and Cosmetic Surgery."
- August 2005 Controversies in Lasers, Colorado Springs, Colorado "Fractional and Plasma Resurfacing."
- September 2005 Grand Rounds, Department of Pediatrics, NYU Medical Center, New York, New York. "Laser Treatment of Port Wine Stains."
- October 2005 American Society for Dermatologic Surgery, Atlanta, Georgia. "Non-ablative Radiofrequency," " Laser Pearls," "Complications from Laser Procedures."
- November 2005 Grand Rounds, Department of Dermatology, SUNY Downstate Medical Center, Brooklyn, New York. "Laser Update"
- Manhattan Eye and Ear Facial Plastic Surgery Conference, New York, New York. "Fractional Photothermolysis"
- January 2006 2<sup>nd</sup> Annual Plastic and Dermatologic Surgery Conference, Hong Kong. "Photomodulation"
- February 2006 South Beach Symposium, Miami, Florida. "Fractional Resurfacing," "Plasmakinetic Resurfacing," "Non-Physician Practice of Medicine."
- Rejuvenation of the Aging Face Symposium, Boca Raton, Florida. "Update on Lasers and SkinTightening."

- March 2006 American Academy of Dermatology, San Francisco, CA. "Laser Complications," "Non-ablative Laser and Radiofrequency," "Laser Treatment of Pediatric Vascular Lesions," Laser Pearls."
- Beth Israel Medical Center, New York, New York. Head and Neck Surgery Symposium. "Mohs Micrographic Surgery"
- April 2006 American Society for Laser Medicine and Surgery, Boston, Massachusetts. "Leon Goldman Award Lecture," Fractional Resurfacing."
- June 2006 Advances in Dermatology, New York University Medical Center, New York, NY. "Sequential 595 nm – 1065 nm Laser Treatment of Vascular Lesions"
- August 2006 Controversies in Lasers, San Diego, CA. "Vascular Lesions", "Resurfacing".
- September 2006 New Zealand College of Appearance Medicine, Queenstown, New Zealand "Fractional Resurfacing"
- October 2006 Fall Clinical Dermatology Conference, Las Vegas, NV "Non-Ablative Therapy for Photoaging: What's New", "Photodynamic Therapy in the Clinical Setting"
- November 2006 American Society for Dermatologic Surgery, Palm Desert, CA. "Pearls in Facial Rejuvenation", "Advances in Laser Surgery," "Non-Surgical Tightening Devices"
- Florida Society of Dermatologic Surgeons, Boca Raton, FL. "Update on Lasers and Related Technologies"
- Grand Rounds, Department of Dermatology, SUNY Downstate Medical Center, Brooklyn, New York. "Clinical Lessons from a Laser Practice"
- December 2006 Dermatologic Society of Greater New York, New York, New York "Non-Physician Practice of Medicine"
- Advances in Dermatology and Dermatologic Surgery, Mt. Sinai Hospital, New York, New York. "New Resurfacing Techniques"
- February 2007 American Academy of Dermatology, Washington, DC. "Complications of Resurfacing and Non-Ablative Procedures", "Lasers and PDT in the Treatment of Skin Cancer", Complications of Resurfacing and Non-Ablative Procedures: Prevention, Management and Treatment", Non-Ablative Fractionated Devices: Selectivity in the Delivery of Laser Energy", "Cutaneous Lasers in 2007: Challenges for Dermatology"
- March 2007 New York Medical College, New York, NY - Grand Rounds, Department of Dermatology - "Fractional Laser Resurfacing": A Novel Method of Wounding with Unique Therapeutic Outcomes"
- March 2007 The University of Miami's Department of Dermatology and Cutaneous Surgery, 50<sup>th</sup> Anniversary Educational Program and Celebration., Miami

- Beach, Florida. "Fractional Resurfacing and Minimally Invasive Resurfacing"
- March 2007 New Jersey Dermatologic Society, Roundtable Meeting, W. Orange, N.J. Discussion "Medical Laser Therapy"
- April 2007 American Society for Laser Medicine and Surgery, Grapevine, Texas. "Skin Rejuvenation – Fractional CO<sup>2</sup> Resurfacing", "Complications and Legal Issues – Vascular Lesions", "Eyelid Tightening and Improved Eyelid Aperture Through Fractional Resurfacing", "Efficacy of Early Treatment of Facial Port Wine Stains in Newborns: A Review of 49 Cases", LED Photomodulation for Acne", Split-Face Study for Facial Rejuvenation for Fine Line Wrinkles Using Pulsed Dye Laser With or Without Topical Application of Aminolevulinic Acid"
- Grand Rounds, Department of Dermatology, Weill Medical College, New York-Presbyterian. "Fractional Laser Resurfacing: A Novel Method of Wounding with Unique Therapeutic Outcomes".
- Vascular Anomalies, New York University Medical Center. "Laser Therapy: Update and Important Issues", "Laser & Surgery Controversies Workshop"
- June 2007 Advances in Dermatology, New York University Medical Center, New York, NY. "Ablative Fractional Resurfacing"
- August 2007 American Academy of Dermatology- New York, NY. "Lasers and Vascular Lesions", "Scope of Practice- Lasers"
- Controversies in Lasers- Bolton Landing, NY. "New Ablative Technologies", "New Lasers For Scar Treatment"
- October 2007 World Congress of Dermatology- Buenos Aires, Argentina. Director, Laser Symposium. "Laser Treatment of Port Wine Stains", "Lasers and Lights 2007"
- American Society for Dermatologic Surgery- Chicago, IL. "Eyelid Rejuvenation", "New Fractional Resurfacing Technology Comparison to Old Fractional Resurfacing"
- November 2007 Aesthetics of the Aging Face- New York, NY. "Technology Update: An Update on the Latest RF and Ultrasound for Tissue Tightening", "Laser Treatment of Vascular Lesions: An Update on the Use of Lasers in the Management of Congenital Vascular Malformations and Cosmetic Conditions with a Vascular Component", Fractional Resurfacing: An Update on Erbium and CO<sub>2</sub> Fractional Treatment Photoaging, Acne Scars and Surgical Scars"
- February 2008 American Academy of Dermatology – San Antonio, TX. "Complications of Laser Resurfacing and Non-Ablative Procedures: Prevention, Management and Treatment", "The Future of Lasers and Related Technologies", "CO<sub>2</sub> Fractional Treatment of Photoaging, Acne Scars"

and Surgical Scars", "Cutaneous Lasers and Related Technologies in 2008 Challenges for Dermatology".

March 2008

Skin Disease Education Foundation Seminar – Big Island, Hawaii. "Fractional Lasers", "Laser Treatment of Vascular Birthmarks in Children".

April 2008

American Society for Laser Medicine and Surgery – Kissimmee, FL. "CO<sub>2</sub> Fractional Treatment of Photoaging, Acne Scars and Surgical Scars", "Complications of Fractional Resurfacing", "Laser Treatment of Port Wine Stains".

Patient Safety in Cosmetic Surgery of the Head and Neck symposium – Columbia University Medical Center, New York, NY. "Safety Considerations in Emerging Technologies".

Rhinoplasty of the Central Face course – NYU, New York, NY. "Fractional Resurfacing: An Update on Erbium and CO<sub>2</sub> Fractional Treatment of Photoaging, Acne Scars and Surgical Scars".

August 2008

Controversies – Vancouver, British Columbia. "Of All of the Ablative Procedures, How Does One Choose?", "Can Bald Heads Be Non-Surgically Reforested?" and "Laser Treatment of Scarring".

September 2008

Department of Dermatology, Hershey Medical Center, Gensinger Medical Center Grand Rounds – Hershey, PA. "Fractional Resurfacing and Laser Treatment of Vascular Lesions".

Lenox Hill Hospital, Department of Plastic Surgery – Grand Rounds. "Fractional Resurfacing and Treatment of Scars".

November 2008

American Society of Dermatologic Surgery – Orlando, FL.

"Eyelid Rejuvenation", "Keeping Employees Happy and Productive", "Clinical Research", "Home Laser and Light Devices".

Vascular Birthmark Foundation – New York, NY - "Laser Treatment of Vascular Malformations"

Aesthetic of the Aging Face 2008 – New York, NY - "Ablative Fractional Resurfacing"

February 2009

South Beach Symposium – Miami, FL.

"Laser Pearls", "Ablative Fractional Resurfacing"

March 2009

American Academy of Dermatology – San Francisco, CA.

"Cutaneous Lasers in 2009 Challenges", "Retention of the Botox Patient", "Complications of Resurfacing", "Bruising Study", "Ablative Fractional Resurfacing", "Ablative Fractional Resurfacing of the Eyelids and Festsions".

- April 2009 American Society for Laser Medicine and Surgery – National Harbor, MD  
“Ablative Fractional Resurfacing”, “Complications of Fractional Resurfacing”, “Complications of Vascular Lesions”, “Lasers for Pediatric Lesions”.
- Columbia University Grand Rounds – NY, NY  
“Resurfacing”, “Laser Treatment of Vascular Lesions”
- May 2009 International Congress of Dermatology – Prague, Czech Republic  
“Laser Controversies – The East Coast Perspective”, “Fractional Resurfacing”
- June 2009 Needham Healthcare Conference – New York, NY  
“Expert Review of the Laser Industry”
- Advances in Dermatology – NYU Medical Center Dept of Dermatology - New York, NY  
“Laser Treatment of Scars”
- New York Medical College – Department of Dermatology Grand Rounds – NY, NY  
“Laser Update”
- August 2009 Controversies and Conversations in Laser & Cosmetic Surgery – Southampton, Bermuda  
“Is There Equivalence Among All the Ablative Fractional Lasers”, “Laser/Light Complications: How Can We Ensure Safe and Effective Treatments”
- September 2009 5 Continents Congress of Dermatology – Nice, France  
“What’s New in Laser Surgery”, “Ablative Fractional Resurfacing”, “Complications: Laser Treatment of Vascular Lesions”, “Home Devices for Hair Removal”
- Sept/Oct 2009 American Society of Dermatologic Surgery – Phoenix, AZ  
“Laser Treatment of Vascular Lesions: What’s New”, “Ablative Fractional Resurfacing”, “Eyelid Rejuvenation”
- November 2009 SUNY Downstate Grand Rounds – New York, NY  
“Laser Technology – What’s New?”
- Dermatologic Society of Greater New York  
“Advances in Lasers”
- March 2010 American Academy of Dermatology – Miami, FL

"Fractional Resurfacing – Long Term Experience", "Vascular Lesions – Clinical Pearls", "Thulium Laser Treatment of Actinic Keratosis", "The Future of Lasers"

April 2010

American Society for Laser Medicine and Surgery – Phoenix, AZ  
"Fractional Complications", "Challenging Cases and Complications",  
"New Concepts in Rejuvenation of Photodamaged Skin"

May 2010

Harvard University – Boston, MA  
"How to Look Like You Belong In the Class of 1990 Rather Than the  
Class of 1975:..."

June 2010

New York University Advances in Dermatology – New York, NY  
"Thulium Laser for Actinic Keratosis"

August 2010

Controversies in Laser Surgery – Carlsbad, CA  
"Is There Equivalence Among All Fractional Lasers?"

October 2010

Vascular Birthmarks Foundation (Course Director) – New York, NY  
"Laser Treatment of Hemangiomas", "Laser Treatment of Port Wine  
Stains"

Laser Aesthetic Skin Surgery – Harvard – Boston, MA  
"Laser Treatment of Vascular Lesions", "Treatment of Infantile  
Hemangiomas"

American Society for Dermatologic Surgery – Chicago, IL  
"Laser Treatment of Vascular Lesions", "Fractional Resurfacing: Ablative  
vs. Non-ablative: Do We Really Need Both?"

November 2010

New York University Department of Plastic Surgery Grand Rounds –  
New York, NY  
"Fractional Laser Treatment of Scars and Vascular Lesions"

February 2011

American Academy of Dermatology – New Orleans, LA  
"Lasers to Minimize Surgical Scars", "Pearls for Vascular Lesions",  
"Maximizing Aesthetic & Medical Results with Fractional Lasers"

April 2011

American Society for Laser Surgery and Medicine – Grapevine, TX  
"Complications: Vascular Lesions", "Ancillary Laser Treatments to  
Enhance Facial Rejuvenation", "Complications of Unskilled Laser  
Operators", "Discolored Scars and Laser Assisted Stimulated Healing of  
Wounds"

May 2011

World Congress of Dermatology – Seoul, Korea  
"Update on Lasers, RF and Light Sources", "New Technologies for Skin  
Tightening Face and Body", Plenary Talk – "Fractional Laser Treatment  
of Medical and Cosmetic Conditions", "Laser Treatment of Vascular  
Lesions"

June 2011                      Advances in Dermatology, New York University – New York, NY  
  “Laser Treatment of Surgical Scars”

July 2011                      Cosmetic Boot Camp – Aspen, CO  
  Plenary Talk - “Fractional Resurfacing”

**Updated:                      06/21/2011**