

CURRICULUM VITAE

DATE PREPARED: May 2017

PART I: GENERAL INFORMATION

Name: ZEINA S. TANNOUS

Place of Birth: Tripoli, Lebanon

Education:

1991 B.S. (Biology), Distinction, American University of Beirut, Lebanon
M.D., American University of Beirut, Lebanon
1995

Postdoctoral Training:

07/95-06/96 Intern in Medicine, Internal Medicine, American University of Beirut Medical Center
07/96-06/99 Resident in Dermatology, American University of Beirut Medical Center
01/99-06/00 Clinical Fellow in Dermatopathology, Massachusetts General Hospital, Harvard Medical School
01/00-06/01 Clinical Fellow in Mohs Micrographic/Dermatologic Surgery and Cutaneous Oncology, Dana Farber Cancer Institute and Lahey Clinic, Harvard Medical School
07/00-06/01 Clinical and Research Fellow, supported by a grant from the Department of Energy, Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School
07/01-06/02 Transitional Intern in Surgery and Internal Medicine, Carney Hospital
07/02-06/05 Resident in Dermatology, Harvard Medical School, Department of Dermatology (MGH, BWH, BMC, DFCI, Children's Hospital, Lahey)
07/04-06/05 Clinical and Research Fellow in Lasers and Cosmetic Surgery, Department of Dermatology, Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School

Licensure and Certification:

2004 Commonwealth of Massachusetts, Board of Registration in Medicine
2005 American Board of Dermatology
2005 American Board of Pathology and American Board of Dermatology, Dermatopathology
2014 Recertification, American Board of Dermatology

Academic Appointments:

2005-2006 Lecturer in Dermatology, Harvard Medical School, Boston, MA
 2005-2006 Visiting lecturer, Wellman Center for Photomedicine, Boston, MA
 2006-2008 Instructor in Dermatology, Harvard Medical School, Boston, MA
 2008-2010 Assistant Professor in Dermatology, Harvard Medical School, Boston, MA
 2009- Affiliate Faculty, Wellman Center for Photomedicine, Boston, MA
 2010-2017 Associate Professor and Chair, Lebanese American University, Byblos, Lebanon
 2010-2012 Clinical Assistant Professor in Dermatology, Harvard Medical School, Boston, MA
 2012-2014 Visiting Associate Professor in Dermatology, Harvard Medical School, Boston, MA
 2014-2016 Lecturer in Dermatology, Harvard Medical School, Boston, MA
 2017- Professor and Chair, Lebanese American University, Byblos, Lebanon

Hospital or Affiliated Institution Appointments:

06/06-12/10 Director, Mohs Micrographic and Dermatologic Surgery, V.A. Medical Center, Boston, MA
 07/06-03/10 Assistant in Dermatology, Massachusetts General Hospital, Boston, MA
 04/10-12/10 Assistant Dermatologist, Massachusetts General Hospital, Boston, MA
 12/10- Chief of Dermatology, Lebanese American University Medical Center- Rizk Hospital, Achraffieh, Beirut, Lebanon
 12/11- Clinical Associate in Dermatology, Massachusetts General Hospital, Boston, MA

Hospital and Health Care Organization Clinical Service Responsibilities:

2006-2010 Attending Physician in Dermatology, Mohs micrographic and dermatologic surgery clinic, V.A. Medical Center, Jamaica Plain
 2007- Attending Physician in Dermatology, outpatient dermatology clinic, laser/cosmetic dermatology clinic, inpatient consult service, Massachusetts General Hospital
 2011- Attending Physician in Dermatology: Inpatient consult service, outpatient clinic, laser/cosmetic clinic, Mohs micrographic/dermatologic surgery clinic, University Medical Center- Rizk Hospital

Major Administrative Responsibilities:

2006-2010 Chief, Mohs micrographic and dermatologic surgery, V.A. Medical Center, Jamaica Plain
 2011- Chief of Dermatology, Lebanese American University Medical Center- Rizk Hospital

- 2011- Founding Chairman of Dermatology, Lebanese American University
- 2013- Program Director, Department of Dermatology, Lebanese American University

Major Committee Assignments:

Harvard Medical School

- 2005-2006 Admissions Committee, International Training Program in Dermatology, Department of Dermatology, Harvard Medical School
- 2006-2011 Education Committee, Department of Dermatology, Harvard Medical School
- 2007-2009 Resident Selection and Evaluation Committee, Department of Dermatology, Harvard Medical School
- 2010-2011 Diversity Task Force, Department of Dermatology, Harvard Medical School

Regional

- 2011- 2013 Promotions Committee, Gilbert & Rose-Marie Chagoury School of Medicine, Lebanese American University (LAU)
- 2011- Admissions Committee, Gilbert and Rose-Marie Chagoury School of Medicine, Lebanese American University
- 2011-2013 Council of Chiefs, Lebanese American University Medical Center-Rizk Hospital (LAUMC-RH)
- 2011- Joint Superior Committee, LAU and LAUMC-RH
- 2011-2013 Peer Review Committee, LAUMC-RH
- 2011- 2014 Committee of Human Subjects in Research, LAU
- 2012-2016 Faculty Welfare & Promotion Council, LAU
- 2012-2013 Tissue Committee, LAUMC-RH
- 2012-2013 Quality Steering Committee, LAUMC-RH
- 2011- Credentialing committee, LAUMC-RH
- 2017- Academic Council Meeting, LAU and LAUMC-RH
- 2019- Tissue Committee, LAUMC-RH

Professional Societies:

- 1996- Lebanese Order of Physicians, Member
- 1998- Alpha Omega Alpha Honor Medical Society, Member
- 2002- American Academy of Dermatology, Member
- 2002- American Society of Dermatologic Surgery, Member
- 2002-2011 American College of Mohs Micrographic Surgery and Cutaneous Oncology, Associate Member
- 2005- International Society of Cosmetic and Laser Surgery, Board of Trustees
- 2007- International Academy of Cosmetic Dermatology, Member
- 2007-2010 American Society for Laser Medicine and Surgery, Member
- 2010- American Society for Laser Medicine and Surgery, Fellow Member -

- 2011- Lebanese Dermatologic Society, Member
- 2011- American College of Mohs Micrographic Surgery, Fellow Member
- 2016- Lebanese Dermatologic Society, Board Member

Community Service Related to Professional Work:

- 2004 Volunteer, American Academy of Dermatology, Lahey Clinic
- 2005 Volunteer, American Academy of Dermatology, MGH
- 2006- "Ask the Laser Dermatology Expert" (<http://www.birthmark.org/expert/ask-laserderm.php>), Vascular Birthmarks Foundation
- 2008 Ask the Expert Session- Syndromes, Vascular Birthmarks Foundation and Vascular Birthmark Institute of New York at Roosevelt Hospital.
- 2008 Clinic Teams- Syndromes, Vascular Birthmarks Foundation and Vascular Birthmark Institute of New York at Roosevelt Hospital.
- 2011- TV Guest speaker, MTV, OTV, Tele Liban, ANB, Charity TV
- 2011- Radio guest speaker, Voice of Lebanon 99.6 FM, Voice of Lebanon 100.1, FM, Charity Radio, Libnan El Hurr
- 2013,2014 Lecture for SABIS school students on "Skin Health", Adma, Lebanon
- 28/2/2014 Lecture on "Psoriasis", Lions Club, Royal Hotel, Dbayeh, Lebanon
- 2016- Interviews, Aljournhouria Newspaper, Annahar Newspaper and Annahar online, www.aljournhouria.com, www.annahar.com.

Editorial Boards:

- 2004- Reviewer, Dermatologic Surgery
- 2004- Reviewer, Lasers in Surgery and Medicine
- 2006- Reviewer, Journal of Cosmetic Dermatology
- 2007- Ad-Hoc Reviewer, Journal of Investigative Dermatology
- 2008- Ad-Hoc Reviewer, Archives of Dermatology
- 2008- Ad-Hoc Reviewer, Experimental Dermatology
- 2009- Ad-Hoc Reviewer, Journal of the European Academy of Dermatology and Venereology
- 2010- Editorial Board Member, Lasers in Surgery and Medicine
- 2010- Editorial Board Member, International Scholarly Research Network (ISRN)
- 2011- Ad-Hoc Reviewer, Clinical and Experimental Dermatology
- 2011- Reviewer, Lasers in Medical Science
- 2011- Ad-Hoc Reviewer, Cochrane Skin Group
- 2013- Ad-Hoc Reviewer, Expert Opinion on Drug Delivery

Awards and Honors:

- 1986 Outstanding Achievement Award, Tripoli Evangelical School, Lebanon
- 1987 Lebanese Bacc. Part I, High Distinction, Tripoli Evangelical School, Lebanon
- 1988 Lebanese Bacc. Part II, High Distinction, Tripoli Evangelical School, Lebanon

- 1991 Graduated the BS degree with Distinction, School of Arts & Sciences, American University of Beirut, Lebanon
- 1997 Second highest score of all candidates sitting for Arab Board exam-Part I, Arab Board of Dermatology
- 1998 Alpha Omega Alpha Honor Medical Society Membership Award, Alpha Omega Alpha Honor Medical Society, AUB Chapter
- 2000 DOE grant (\$20,000), US Department of Energy (Use of in-vivo Confocal Microscopy. Resulted in US patent 7,128,894)
- 2004 Young Leaders in Dermatology Symposium, Mt. Sinai School of Medicine (Selected by Dermatology Department to represent the Harvard Program)
- 2007 Research grant (\$5,000), American Society of Laser Medicine and Surgery
- 2008 Best Overall Basic Science Paper, (Co-Investigator), American Society of Laser Medicine and Surgery 28th Annual Meeting
- 2010 Best Cutaneous Laser Surgery Award, (Co-Investigator), American Society of Laser Medicine and Surgery 30th Annual Meeting
- 2010 Best Clinical Science ePoster Award, (Co-Investigator), American Society of Laser Medicine and Surgery 30th Annual Meeting
- 2012 R Fitzpatrick Clinical Research & Innovation Award (Co-Investigator), American Society of Laser Medicine and Surgery 32nd Annual Meeting

PART II: RESEARCH, TEACHING, AND CLINICAL CONTRIBUTIONS

A. Funding Information

- 2000-2001 Investigator, D.O.E., Real-time confocal reflectance microscope as a surgical guide for Mohs micrographic surgery
- 2006-2007 P.I., Doris Duke Charitable Foundation, Correlating Multispectral Polarized Light Imaging with Cellular Biomarker Expression Profiles and Metastatic Progression in Melanoma
- 2007-2008 P.I., American Society of Laser Medicine and Surgery, Imaging melanoma using RFPI
- 2011-2013 P.I., Cynosure Company, A Pilot Clinical Study To Evaluate the Effect of Pdl/Nd:Yag Laser on Low Risk Basal Cell Carcinoma

B. Report of Other (Non-Funded) Activities

- Investigator Confocal reflectance microscopy as a guide for margins' control during modified Mohs micrographic surgery of Lentigo maligna and Lentigo maligna melanoma (2000-2001).
- Investigator In vivo examination of lentigo maligna and malignant melanoma in situ, lentigo maligna type: detection of tumor progression by near-infrared confocal microscopy (2000-2001).
- Investigator In vivo examination of basal cell carcinoma by near-infrared confocal microscopy (2000-2002)
- Investigator Evaluation of the accuracy of multispectral dye-enhanced polarized light imaging (PLI) technique for the in-vivo detection of skin tumor margins,

	using histologic evaluation as a gold standard (2004-2005).
Investigator	Evaluation of the progressive cutaneous histologic changes of fractional resurfacing (2004-2005)
Investigator	Optical Coherence Tomography for in-vivo imaging of cutaneous lesions (2004-2005)
Investigator	Evaluation of Polymeric Microspheres as Removable Tattoo Dyes (2004-2005)
P.I.	Effect of Pulsed Dye Laser on Basal Cell Carcinoma (2006-)
P.I.	Ex-vivo imaging of nevi, melanoma and non-melanoma skin cancer using a reflectance and fluorescence polarization imaging technique (2007-2009)
P.I.	Fractional resurfacing using a prototype 1.5-micrometer diode laser with scanning and focusing optics. Its application in improving sternotomy and thyroidectomy hypertrophic scars (2008-2009)
P.I.	A Multi-Center Prospective Pilot Study of the Alexandrite Laser on Basal Cell Carcinomas (2009-2010)
Investigator	A Pilot Clinical Trial to Reduce Side-Effects of Photodynamic Therapy for the Treatment of Moderate to Severe Acne (2010-2013)
P.I.	Prospective, randomized and head to head (ET vs HS single pulse vs HS double pulse) Laser Hair Removal Study (2012-2015), LAU/LAUMCRH.
Co-PI	Autologous implantation of adipose-derived mesenchymal stem cells (ASCs) as a therapeutic approach to treat patients with moderate-to-severe critical limb ischemia, IRB- Approved, LAU/LAUMCRH (on hold because of lack of funding)
PI	Evaluation of The Efficacy and Safety of Stemoxydine VS Minoxidil In Male Androgenetic Alopecia (IRB approved), LAU/LAUMCRH (collecting data)
PI	Understanding and Reversing Chronic Radiation Dermatitis - a Prospective Study, IRB-Approved, LAU/LAUMCRH (closed)
Co-PI	Effectiveness of Adalimumab in moderate to severe Hidradenitis Suppurativa patients- a multi country in real life setting – Harmony Study, IRB-Approved, LAU/LAUMCRH (closed)

C. Report of Teaching

1. Local contributions

a. Medical School Courses

2007	<u>Patient-Doctor II for Dermatology- Harvard Medical School</u>		
	Preceptor	12 Medical Students	<i>contact time</i> 2.5 hours/year for 1 year(s)
2011-	<u>Problem Based Learning Sessions-Lebanese American University School of Medicine</u>		
	Facilitator	10 Medical Students	<i>contact time</i> 20 hours/year for 2 years (2011, 2012)

8 hours/year for 2 years

2011-	<u>Dermatology Module, Lebanese American University Medical School</u>	4 hours/year for 2 years
		<i>contact time</i>
	Lecturer	33 - 52 Medical Students
		34 hours/year for 6 year(s)
	Module Coordinator	33- 52 Medical Students
		40 hours/year for 6 year(s)

b. Graduate Medical Courses

2012-	<u>Cosmoceuticals and Dermatology, Lebanese American University School of Pharmacy</u>	
		<i>contact time</i>
	Course Director and Lecturer	40 Graduate Students
		7 hours/year for 2 year(s) 2012-2013
	Course Director and Moderator	40 Graduate Students
		14 hours/year for 2 year(s)

c. Local Invited Presentations

CIMIT Workshop

2008 Clinical Imaging of Melanoma, Center for Integration of Medicine & Innovative Technology, Wellman Center for Photomedicine, Harvard Medical School

Grand Rounds

2000 Discusser of the skin pathology of the presented cases, Brigham and Women's Hospital
Lecturer: 60 participants, 1 hour contact time per year

2000 Discusser of the skin pathology of the presented cases, Massachusetts General Hospital
Lecturer: 45 participants, 1 hour contact time per year

2000 Melanoma, Clinicopathologic Correlations (CPC), Discusser of the skin pathology of the presented cases, Massachusetts General Hospital
Lecturer: 60 participants, 1 hour contact time per year

2001 Discusser of the skin pathology of the presented cases, Massachusetts General Hospital
Lecturer: 45 participants, 1 hour contact time per year

2007 An overview of Mohs Micrographic Surgery. Medical Grand Rounds, V.A. Medical Center, West Roxbury
Lecturer: 75 participants, 1 hour contact time per year

2007 Cutaneous viral infections. Medical Grand Rounds, V.A. Medical Center, West Roxbury
Lecturer: 75 participants, 1 hour contact time per year,

2010	Lasers and light sources in aesthetics and medicine. Medical Grand Rounds, Massachusetts General Hospital Lecturer: 80 participants, 1 hour contact time per year
17/3/2011	Lasers and light sources in aesthetics and Medicine, Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Lecturer: 70 participants, 1 hour contact time per year
2011	Skin Manifestations of Viral Diseases, Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Lecturer: 70 participants, 1 hour contact time per year
2011	Pediatric Viral Infections (Pediatric Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Attending: 21 participants, 1 hour contact time per year
2011	Genital Viral Infections (OB/GYN Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Attending: 21 participants, 1 hour contact time per year
2012	Case Presentation (Pediatric Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Attending: 21 participants, 1 hour contact time per year
2012	Pyoderma Gangrenosum (Medicine Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Attending: 21 participants, 1 hour contact time per year
17/1/2013	Skin Cancer: How to Diagnose and Treat, (Grand Rounds), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Lecturer: 70 participants, 1 hour contact time per year
2013	Hemangioma (Pediatric Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Attending: 21 participants, 1 hour contact time per year
2013	Hirsutism (Discusser, OB/GYN Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon Attending: 21 participants, 1 hour contact time per year
16/1/2014	Cutaneous Vascular Manifestations of Internal Malignancy, (Grand Rounds), Lebanese American University Medical Center- Rizk Hospital, Beirut Attending: 50 participants, 1 hour contact time per year
17/7/2014	Uremic Pruritus, (Grand Rounds), Lebanese American University Medical Center- Rizk Hospital, Beirut, Lebanon
11/05/2016	Infantile Hemangiomas: Treatment Update (Pediatric Conference), Lebanese American University Medical Center- Rizk Hospital, Beirut
19/05/2016	Cases in Dermatology: A Multidisciplinary Approach. Grand Rounds, Lebanese American University Medical Center- Rizk Hospital, Beirut
10/5/2018	Mohs Micrographic Surgery (Grand Rounds), Lebanese American University Medical Center- Rizk Hospital, Beirut
5/9/2019	Skin Manifestations of Internal Diseases, (Grand Rounds), Lebanese American University Medical Center- Rizk Hospital, Beirut

Laser Safety Instructor

2006	Laser safety with CO2 Laser, Massachusetts General Hospital Laser safety demonstrations: 35 participants,
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2009 Laser safety with CO2 Laser, Massachusetts General Hospital
Laser safety demonstrations: 35 participants

Lectures to Harvard Dermatology Residents

2000 Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2000 Pathology Journal Club, Cutaneous Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2000 Melanoma Conference, Lentigo Maligna and Malignant Melanoma in Situ, Lentigo Maligna Type, Dana Farber Cancer Institute
Lecturer: 30 participants, 1 hour contact time per year

2000 Lentigo Maligna and Malignant Melanoma in Situ, Lentigo Maligna Type, Massachusetts General Hospital
Lecturer: 25 participants, 1 hour contact time per year

2001 Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2001 Mohs Micrographic Surgery, Lahey Clinic
Lecturer: 75 participants, 1 hour contact time per year

2001 Pathology Journal Club: Mohs Micrographic Surgery, Massachusetts General Hospital
Tutor: 30 participants, 1 hour contact time per year

2003-2004 Dermatopathology review session, Beth Israel Deaconess Medical Center
Lecturer: 33 participants, 5 hours contact time per year

2004 Lentigo Maligna, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2004 Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2004 Clinical and Histologic Features of Cutaneous Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2004 Infectious Disease Conference: Viral Infections of the Skin, Lahey Clinic
Lecturer: 20 participants, 1 hour contact time per year

2005 Introduction to Dermatopathology., Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2005 Dermatopathology unknowns, Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2005 Dermatopathology unknowns, Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2005 Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2006 Harvard Dermatopathology Lecture Series, Viral Infections,

Massachusetts General Hospital
 Lecturer: 30 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Introduction to Dermatopathology., Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Common Diagnosis in Dermatopathology Part I , Massachusetts
 General Hospital
 Attending: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2006 Common Diagnosis in Dermatopathology Part II, Massachusetts
 General Hospital
 Attending: 33 participants, 1 hour contact time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year,
 6 hours prep time per year

2006 Dermatopathology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year,
 6 hours prep time per year

2006 Cases from MGH: CPC with a focus on cutaneous T-Cell lymphoma
 variants, Massachusetts General Hospital
 Lecturer: 30 participants, 1 hour contact time per year

2007 Cases from MGH: Clinicopathologic correlations, Massachusetts
 General Hospital
 Lecturer: 30 participants, 1 hour contact time per year

2007 Introduction to Dermatopathology, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2007 Introduction to Basic Skin Procedures, Massachusetts General
 Hospital
 Lecturer: 33 participants, 1 hour contact time per year

2007 Common Diagnosis in Dermatopathology Part I , Massachusetts
 General Hospital
 Attending: 33 participants, 1 hour contact time per year

2007 Common Diagnosis in Dermatopathology Part II, Massachusetts
 General Hospital

2007 Attending: 33 participants, 1 hour contact time per year
 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2007 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2007 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2007 Harvard Dermatology Lecture Series, Viral Infections,
 Massachusetts General Hospital
 Lecturer: 30 participants, 1 hour contact time per year
 2007 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Dermatology Board Review Session I, Massachusetts General
 Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Dermatology Board Review Session II, Massachusetts General
 Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Dermatology Board Review Session I, V.A. Medical Center,
 Jamaica Plain, MA
 Lecturer: 6 participants, 1 hour contact time per year
 2008 Dermatology Board Review Session II, V.A. Medical Center,
 Jamaica Plain, MA
 Lecturer: 6 participants, 1 hour contact time per year
 2008 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2008 Harvard Dermatology Lecture Series, Viral Infections,
 Massachusetts General Hospital
 Lecturer: 30 participants, 1 hour contact time per year
 2008 Clinicopathologic Conference: MGH Inpatient Consults,
 Massachusetts General Hospital
 Lecturer: 30 participants, 1 hour contact time per year
 2009 Dermatology unknowns (Quiz), Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2009 Dermatology unknowns (Quiz), Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2009 Dermatology unknowns, Massachusetts General Hospital
 Lecturer: 33 participants, 1 hour contact time per year
 2009 Dermatology Mock Boards Review Session I, Massachusetts
 General Hospital
 Lecturer: 6 participants, 1 hour contact time per year
 2009 Dermatology Mock Boards Review Session II, Massachusetts
 General Hospital
 Lecturer: 6 participants, 1 hour contact time per year

2009 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2009 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2009 Introduction to Dermatopathology and Basic Procedures, Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2009 Common Dermatopathology Diagnosis, Massachusetts General Hospital
Attending: 33 participants, 1 hour contact time per year

2009 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2009 Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2009 Dermatopathology unknowns, Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2009 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2009 Dermatopathology unknowns (Quiz), Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2009 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2010 Dermatopathology unknowns (Quiz), Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2010 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2010 Dermatopathology Mock Boards Review Session I, Massachusetts General Hospital
Lecturer: 6 participants, 1 hour contact time per year

2010 Dermatopathology Mock Boards Review Session I, Massachusetts General Hospital
Lecturer: 6 participants, 1 hour contact time per year

2010 Dermatopathology unknowns (Quiz), Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2010 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2010 MGH Inpatient Biopsy Review Session: Clinicopathologic Conference, Massachusetts General Hospital
Lecturer: 30 participants, 1 hour contact time per year

2010 Introduction to Dermatopathology and Biopsy Techniques, Massachusetts General Hospital
Lecturer: 33 participants, 1 hour contact time per year

2010	Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital Lecturer: 30 participants, 1 hour contact time per year
2010	Harvard Dermatopathology Lecture Series, Cutaneous Viral Infections, Massachusetts General Hospital Lecturer: 30 participants, 1 hour contact time per year
2010	Dermatopathology Unknowns, Massachusetts General Hospital Lecturer: 33 participants, 1 hour contact time per year
2011	Dermatopathology Mock Boards Review Session, Massachusetts General Hospital Lecturer: 33 participants, 1 hour contact time per year
2011	Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital Lecturer: 30 participants, 1 hour contact time per year
2012	Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital Lecturer: 30 participants, 1 hour contact time per year
2012	Dermatopathology Mock Boards Review Session, Massachusetts General Hospital Lecturer: 33 participants, 1 hour contact time per year
1/21/2013	Harvard Dermatopathology Lecture Series, Viral Infections, Massachusetts General Hospital Lecturer: 32 participants, 1 hour contact time per year
1/21/2014	Dermatopathology Unknowns, Massachusetts General Hospital Lecturer: 36 participants, 1 hour contact time per year

Lectures to LAU Medical Students

2012,2013, 2014, 2015, 2016	Morphology of Skin Lesions, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	Anatomy and Function of the Skin I and II, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	Psoriasis and other papulosquamous diseases, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	The skin and the Psyche, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	Eczema, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	Acne, Rosacea and related disorders, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	Hypersensitivity Syndromes and Vasculitis, Lebanese American University School of Medicine Lecturer: 33-50 participants, 1 hour contact time per year
2012,2013, 2014, 2015, 2016	Urticaria and Angioedema, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Case Discussions, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Viral Infections of the Skin, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Infestations and Bites, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Benign Skin Tumors, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Exanthems and Drug Reactions, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Vesicular and Bullous Diseases, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Pre-malignant and Malignant Non-Melanoma Skin Cancer, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Nevi, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Malignant Melanoma, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Case Discussions, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Vascular Tumors and Malformations, Lebanese American University School of Medicine

2012,2013, 2014, 2015 Lecturer: 33-50 participants, 1 hour contact time per year
Connective Tissue Diseases, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Skin manifestation of internal diseases, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Dermatologic Surgical and Cosmetic Procedures, Lebanese American University School of Medicine

2012,2013, 2014, 2015, 2016 Lecturer: 33-50 participants, 1 hour contact time per year
Practicing Skin Exam, Lebanese American University School of Medicine

2012- Lecturer: 33-50 participants, 1 hour contact time per year
Common skin diseases, Primary Care Rotation, UMCRRH, Lebanese American University School of Medicine

9/12/2012 Lecturer: 33-50 participants, 1 hour contact time per year
Dermatology Cases, University Medical Center- Rizk Hospital, Beirut, Lebanon

9/25/2013 Lecturer: 32 participants, 1 hour contact time per year
Cases in Dermatology, University Medical Center- Rizk Hospital,

Beirut, Lebanon

Lecturer: 40 participants, 1 hour contact time per year,
4 hours prep time per year

Lectures to LAU Pharmacy Students

2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	Skin Anatomy and Skin Care, Lebanese American University School of Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year
2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	The aging face, how to reverse the clock, Lebanese American University School of Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year
2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	Premalignant and malignant skin cancer, how to prevent and treat?, Lebanese American University School of Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year
2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	Skin Pigmentation, Lebanese American University School of Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year
2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	Skin Infections, Lebanese American University School of Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year
2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	Acne and Rosacea, Lebanese American University School Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year
2012, 2013, 2016, 2017, 2018, 2019 (Spring and Fall)	Eczema and psoriasis, Lebanese American University School of Pharmacy Lecturer: 40-80 participants, 1-2 hours contact time per year

Lectures to LAU Dermatology Residents (Academic year 2016-2019)

Week 1	Introduction to Morphology of Skin Lesions
Week 2	Introduction to Dermatopathology and Basic Procedures
Week 3	Common Pathological Diagnosis I
Week 5	Common Pathological Diagnosis II
Week 6	Treponemal Diseases
Week 6	Photosensitive Disorders
Week 7	Disorders associated with physical agents: heat, cold, radiation, trauma
Week 8	The Histiocytoses
Week 9	Board Review Session #1
Week 10	Non-infectious Granulomas
Week 11	Degenerative Diseases and Perforating Disorders
Week 13	Connective Tissue Disorders
Week 14	Quiz # 1
Week 15	Board Review Session # 2
Week 19	Inflammatory Diseases of the Subcutaneous Fat
Week 20	Board Review Session # 3
Week 21	Vascular Diseases
Week 24	Tumors and cysts of epidermis

Week 30 Quiz # 2
Week 36 Board Review Session # 4

Wellman Center Lecture Series

2010 Laser Treatment of Basal Cell Carcinoma, Massachusetts General Hospital, Wellman Center for Photomedicine
Lecturer: 50 participants, 1 hour contact time per year

d. Continuing Medical Education Courses

1999-2000 Harvard Medical School Dermatopathology CME Course: Board Examination Review Session
Lecturer: 100 participants, 3 hours contact time per year

2000 Harvard Medical School Dermatopathology CME Course: Viral Diseases of the Skin
Lecturer: 100 participants, 1 hour contact time per year

2005 Harvard Medical School CME Course, Dermatopathology Update with Minisymposium on Mucosal Pathology: Prepubertal Nevus Sebaceus
Lecturer: 100 participants, 1 hour contact time per year

2006 Harvard Medical School CME Course, Laser and Aesthetic Skin Therapy: What's the truth?: An Overview of Fractional Resurfacing
Lecturer: 240 participants, 1 hour contact time per year

2006 Harvard Medical School Dermatopathology CME Course: Severely atypical proliferative nodule (borderline lesion)
Author: 100 participants, 1 hour contact time per year

2007 Harvard Medical School CME Course, Laser and Aesthetic Skin Therapy: What's the truth?: Photorejuvenation: Non-Ablative Fractional
Lecturer: 250 participants, 1 hour contact time per year

2008 Harvard Medical School CME Course, Laser and Aesthetic Skin Therapy: What's the truth?: Non-Ablative Fractional Resurfacing
Lecturer: 255 participants, 1 hour contact time per year

2009 Harvard Medical School CME Course, Laser and Aesthetic Skin Therapy: What's the truth?: Infantile Hemangiomas
Lecturer: 255 participants, 1 hour contact time per year

2010 Harvard Medical School CME Course, Laser and Aesthetic Skin Therapy: What's the truth?: Emerging Laser Treatment of Basal Cell Ca
Lecturer: 255 participants, 1 hour contact time per year

2010 Harvard Medical School CME Course, Laser and Aesthetic Skin Therapy: What's the truth?: Laser Treatment of Venous Malformations
Lecturer: 255 participants, 1 hour contact time per year

e. Advisory and Supervisory Responsibilities in Clinical or Laboratory Setting

2006-2007 1 Medical Student for 960 hrs/year, Attending in the Mohs micrographic/dermatologic surgery at VAMC Jamaica Plain, Harvard Medical School

2006-2010 8 Residents for 580 hrs/year, Attending in the Mohs micrographic/dermatologic surgery at VAMC Jamaica Plain, Department of Dermatology,

- Boston U. School Of Medicine
- 2006-2010 12 Residents for 580 hrs/year, Attending in the Mohs micrographic/ dermatologic surgery at VAMC Jamaica Plain, Department of Dermatology, Harvard Medical School
- 2006-2010 2 Fellows for 200 hrs/year, Attending in laser and cosmetic surgery clinic, Massachusetts General Hospital, Harvard Medical School
- 2007-2010 4 Medical Students for 32 hrs/year, Attending in general dermatology clinic, Massachusetts General Hospital, Harvard Medical School
- 2007-2010 8 Dermatology International Training Program Fellows for 200 hrs/year, Attending in general dermatology clinic, Massachusetts General Hospital, Harvard Medical School
- 2007-2010 8 Dermatology International Training Program Fellows for 400 hrs/year, Attending in laser and cosmetic surgery clinic, Massachusetts General Hospital, Harvard Medical School
- 2008-2010 2 Residents for 290 hrs/year, Attending in the Mohs Consult Clinic at VAMC Jamaica Plain, Tufts School Of Medicine
- 2008-2010 2 Residents for 580 hrs/year, Attending in the Mohs micrographic/ dermatologic surgery at VAMC Jamaica Plain, Tufts School of Medicine
- 2012- 33 Medical Students (during primary care rotation) for 156 hrs/year, Attending in the General Dermatology Clinic at Lebanese American University Medical Center- Rizk Hospital, Lebanese American University School of Medicine
- 2012- 2 LAU Medical Students, Continuity Experience for 36 hrs/year, Following a patient with chronic dermatologic condition, Lebanese American University School of Medicine
- 2012- 4-8 LAU Medical Students, Elective 1 month Dermatology Clerkship for 560 -1120 hrs/year, Attending in the General Dermatology Clinic at Lebanese American University Medical Center- Rizk Hospital
- 2012- 12 LAU Internal medicine residents, for 384 hrs/year, Attending in the General Dermatology Clinic at Lebanese American University Medical Center- Rizk Hospital, Lebanese American University School of Medicine
- 2014- 4 LAU Dermatology Residents for 2000 hrs/year, Attending in the General Dermatology Clinic, Mohs Micrographic/ Dermatologic Surgery Clinic and Laser and Cosmetic Surgery Clinic at Lebanese American University Medical Center- Rizk Hospital, Lebanese American University School of Medicine
- 2016- 3 LAU Family Medicine Residents 420, hrs/year, Attending in the General Dermatology Clinic at Lebanese American University Medical Center- Rizk Hospital

f. Leadership Roles

- 2005-2010 Associate Program Director for Dermatopathology, Dermatology Department, Harvard Medical School
Responsibility: 1. Assist the program director in the development, implementation, and evaluation of Residency Program Goals and Objectives for training in dermatopathology. 2. Assure coordination of dermatopathology activities involving the dermatology training program including conference didactics, board review sessions, unknown slide sessions, and dermatopathology rotations. Assure

- uniform experience for all trainees. 3. Actively participate on and report to the Department of Dermatology Education Committee 4. Implementation and monitoring of evaluation process: • Quarterly quizzes • Review of biopsy books 5. Act as liaison between the Program Director and the Dermatopathology Faculty in facilitating a quality training program in dermatopathology for dermatology residents. 6. Maintain ongoing list of didactic resources available through dermatopathology department(s).
- 2010- Chief of Dermatology Service, University Medical Center- Rizk Hospital, Beirut, Lebanon
Responsibility: To establish a full service department of Dermatology with multiple subspecialties including General Dermatology, Dermatopathology, Mohs Micrographic Surgery, Cutaneous Oncology, Laser Surgery and Cosmetics.
- 2010- Founding Chair of Department of Dermatology, Lebanese American University School of Medicine
Responsibility: To develop a state of the art Dermatology Residency following the highest international standards for teaching and research.
- 2014- Residency Program Director, Department of Dermatology, Lebanese American University School of Medicine
Responsibility: 1. Develop and implement the Residency Program Goals and Objectives for training in Dermatology. 2. Design and coordinate the teaching activities in the Dermatology Residency program including Dermatology conference didactics, journal club and Dermatopathology review sessions. 3. Design and coordinate the clinical rotations in the Dermatology Residency program and assure uniform experience for all trainees. 4. Develop and implement the evaluation process of residents and faculty members. 5. Prepare the residents for the yearly In-Training Board Exam from the American Board of Dermatology.
- 2018 **Head of the Arab Board of Cosmetic Dermatology and Lasers Committee**
Responsibility: 1. Develop and implement the Fellowship Program Goals and Objectives for training in Cosmetic Dermatology and Lasers, as a subspecialty under the Arab Board of Dermatology. 2. Design and coordinate the teaching activities in the Dermatology fellowship program including conference didactics and hands-on training in multiple certified aesthetic centers throughout the Arab countries. 3. Design and coordinate the clinical rotations in the Dermatology fellowship program and assure uniform experience for all trainees. 4. Develop and implement the evaluation process of fellows and faculty members. 5. Prepare the fellows for end of the fellowship Arab Board Subspecialty Exam.

g. Advisees/Trainees

<i>Training Duration</i>	<i>Name</i>	<i>Current Position</i>
2005	Won-Seon Choi	Health Sciences and Technology
2006-2007	Sonali Mukherjee	Hematologist/Oncologist, Beth Israel Hospital, Harvard Medical School
2006-2007	Molly Wanner	Instructor, Department of Dermatology, Harvard Medical School
2007-2008	Allan Izikson	Instructor, Department of Dermatology, State University of New York at Buffalo
2008-2009	Jennifer Lin	Instructor, Department of Dermatology, Harvard Medical School
2008-2009	Daniel Wasserman	Private practice, Naples, Florida
2010-2011	Gary Chuang	Instructor, Department of Dermatology, Harvard Medical School
2010-2011	Kelly Stankiewicz	Private practice, Chicago
2014-	Maya Farah	A Dermatopathology fellow at Boston University
2014-	Farah El Chaer	Private practice and an attending in the Military Hospital supervising LAU dermatology residents
2015-	Omar Bou Hamdan	Private practice and an attending in the Mansourieh dispensary supervising LAU dermatology residents
2016-	Jinia Feghali	Will be pursuing a fellowship in the United States in Pediatric Dermatology
2017-	Elie Saliba	Third year Dermatology Resident (PGY4), Lebanese American University
2018-	Amal Alawami	Second year Dermatology Resident (PGY3), Lebanese American University
2019-	Joelle El Hakim	First year Dermatology Resident (PGY2), Lebanese American University

2. Regional, national, or international contributions

a. Invited Presentations

Regional and National

1999	Syringolymphoid hyperplasia, follicular mucinosis and cutaneous T-cell lymphoma, Annual Meeting of New England Dermatological Society, Beth Israel Hospital, Boston, MA [<i>Invited Lecture</i>]
1999	Discusser of the skin pathology of the presented cases, New England Dermatological Society annual meeting, Beth Israel Hospital, Boston, MA [<i>Other</i>]
1999	Hodgkin's disease associated with cutaneous marginal zone B-cell lymphoma, 36th annual meeting of the American Society of Dermatopathology, La Jolla, CA [<i>Invited Lecture</i>]
2000	Discusser of the skin pathology of the presented cases, New England Dermatological Society annual meeting, Massachusetts General Hospital, Boston, MA [<i>Other</i>]

- 2000 Infection-associated neutrophilic eccrine hidradenitis, 58th annual meeting of the American Academy of Dermatology, San Francisco, CA [*Invited Lecture*]
- 2000 Congenital and infantile melanoma: review of the literature and report of an uncommon variant, “Equine-Type” melanoma, 37th annual meeting of the American Society of Dermatopathology, Baltimore, Maryland [*Invited Lecture*]
- 2000 T-cell receptor gene rearrangement studies in follicular mucinosis, 37th annual meeting of the American Society of Dermatopathology, Baltimore, Maryland [*Invited Lecture*]
- 2001 Real-time confocal reflectance microscopy, a non-invasive guide for Mohs micrographic surgery, Department of Energy, Laser Research Fellowship Presentations, Wellman Center for Photomedicine, Boston, MA [*Invited Lecture*]
- 2001 In-vivo examination of lentigo maligna and malignant melanoma in situ, lentigo maligna type by near-infrared confocal microscopy, Annual Meeting of American College of Mohs Micrographic Surgery and Cutaneous Oncology, Dallas, TX [*Invited Lecture*]
- 2001 Dermatopathology Update for the Mohs Surgeon, Breakfast Session Presentation, Annual Meeting of American College of Mohs Micrographic Surgery and Cutaneous Oncology, Dallas, TX [*Invited Lecture*]
- 2002 Cutaneous Viral Infections: Clinicopathologic Correlations, Carney Hospital, Dorchester, MA [*Invited Lecture*]
- 2002 Thermal injuries, Massachusetts College of Pharmacy and Health Sciences, Physician Assistant Studies Program, Boston, MA [*Invited Lecture*]
- 2004 Fractional Resurfacing: An Overview, The International Symposium on Cosmetic Laser Surgery, Las Vegas, Nevada [*Invited Lecture*]
- 2004 Workshop on Fractional Resurfacing, The 13th Annual International Symposium on Cosmetic and Laser Surgery, Las Vegas, Nevada [*Workshop*]
- 2005 In-situ Imaging of Non-Melanoma Skin Cancer - What is Needed? How Close Are We?, Forum session 550, 63rd Annual Meeting of American Academy of Dermatology, New Orleans, LA [*Invited Lecture*]
- 2005 Changes of Epidermal Pigment Distribution After Fractional Resurfacing: A Clinico-Pathologic Correlation, American Society of Lasers in medicine and Surgery Annual Meeting, Orlando, Florida [*Invited Lecture*]
- 2005 Workshop on Fractional Resurfacing, The ISCLS Masters Series Workshop in Cosmetic and Laser Surgery, The Plaza Hotel, New York, NY [*Workshop*]
- 2005 Fractional Photothermolysis: Basics and Clinical Applications, The ISCLS Masters Series Workshop in Cosmetic and Laser Surgery, The Plaza Hotel, New York, NY [*Invited Lecture*]
- 2005 Introduction to Fractional Resurfacing, The International Symposium on Cosmetic Laser Surgery, Las Vegas, Nevada [*Invited Lecture*]

- 2005 Fractional Photothermolysis: Applications and Complications, The International Symposium on Cosmetic and Laser Surgery, Las Vegas, Nevada*[Invited Lecture]*
- 2005 Workshop on Fractional Resurfacing, The 14th Annual International Symposium on Cosmetic and Laser Surgery, Las Vegas, Nevada*[Workshop]*
- 2006 Histologic Changes Induced by Fractional Resurfacing, New England Dermatological Society annual meeting, Beth Isreal Medical Center, Boston, MA*[Invited Lecture]*
- 2006 Fractional Photothermolysis: Basics and Clinical Applications, The ISCLS Masters Series Workshop in Cosmetic & Laser Surgery, Regent Beverly Wilshire Hotel, CA*[Invited Lecture]*
- 2006 Fractional Technology: Basics, Histology, Applications and Complications, The 15th Annual Meeting of The International Symposium on C
- 2007 Alternative imaging in the setting of Mohs Surgery, Forum session 555, 65rd Annual Meeting of American Academy of Dermatology, Washington, DC*[Invited Lecture]*
- 2007 24th Annual Superficial Anatomy and Cutaneous Surgery Meeting, CME, UCSD, San Diego, CA*[Lab Instructor]*
- 2007 The Science of Fractional Resurfacing, The 16th Annual Meeting of The International Symposium on Cosmetic and Laser Surgery, Las Vegas, Ne*[Invited Lecture]*
- 2007 Complications in Laser and Cosmetic Surgery, The 16th Annual Meeting of The International Symposium on Cosmetic and Laser Surgery, Las Vegas, Ne*[Invited Lecture]*
- 2007 The Effect of Pulsed Dye Laser on Basal Cell Carcinomas, American Society of Dermatologic Surgery Annual Meeting, Chicago*[Invited Lecture]*
- 2007 A Comparison of Sutures and Staples for Epidermal Closure in Dermatologic Surgery, American Society of Dermatologic Surgery Annual Meeting, Chicago*[Invited Lecture]*
- 2007 Fraxel Laser Treatment: a Histological View, Fraxel® Laser Advanced User Workshop, Reliant technologies, Boston, MA*[Invited Lecture]*
- 2007 Fraxel Laser Treatment:Complications, Fraxel® Laser Advanced User Workshop, Reliant technologies, Boston, MA*[Invited Lecture]*
- 2007 Fraxel Laser Treatment: Patient Assessment, Fraxel® Laser Advanced User Workshop, Reliant technologies, Boston, MA*[Invited Lecture]*
- 2008 In-Situ Imaging of Non-melanoma Skin Cancer, New England Medical Center*[Invited Lecture]*
- 2008 Ablative Micro-Fractional Resurfacing: Time-Course Histology and Clinical Correlations, American Society of Lasers in Medicine and Surgery Annual Meeting, Orlando, Florida*[Invited Lecture]*
- 2008 Delineating Melanoma Using Multispectral Polarized Light Imaging, American Society of Lasers in Medicine and Surgery Annual Meeting, Orlando, Florida*[Invited Lecture]*
- 2009 Laser Safety, The International Symposium on Cosmetic and Laser Surgery, Scottsdale, Arizona*[Invited Lecture]*

- 2009 Non-ablative Fractional Lasers, The International Symposium on Cosmetic and Laser Surgery, Scottsdale, Arizona*[Invited Lecture]*
- 2009 Vascular Lesions, Port Wine Stains & Hemangiomas, The International Symposium on Cosmetic and Laser Surgery, Scottsdale, Arizona*[Invited Lecture]*
- 2009 Effect of PDL/Nd:YAG Laser on basal cell carcinoma, American Society of Lasers in Medicine and Surgery Annual Meeting, Washington, DC*[Invited Lecture]*
- 2009 Prospective, Randomized, Controlled Study on the treatment of hypertrophic scar with non-ablative fractional photothermolysis, American Society of Lasers in Medicine and Surgery Annual Meeting, Washington, DC*[Invited Lecture]*
- 2009 Vascular Manifestations of Internal Malignancies, The Fuad S. Farah endowed lectureship in Dermatology and Immunology. Medical Grand Rounds. SUNY Upstate Medical University *[Invited Lecture]*
- 2009 Malignancy and Thrombosis, Symposium 009, Summer Academy Meeting of American Academy of Dermatology, Boston, MA*[Invited Lecture]*
- 2009 Remote Patient Viewing Discussion: Beer and Wine Case Discussion, Symposium 013, Summer Academy Meeting of American Academy of Dermatology, Boston, MA*[Speaker]*
- 2009 Remote Patient Viewing, Workshop 005, Summer Academy Meeting of American Academy of Dermatology, Boston, MA*[Workshop]*
- 2009 Non-ablative fractional device treatment of linear hypertrophic scars. Laser Techniques: Video Patient Demonstrations with the Masters, American Society of Dermatologic Surgery Annual Meeting, Phoenix, AZ*[Invited Lecture]*
- 2010 Everyday Histology for the Mohs Surgeon, FOCUS U082, 68th Annual Meeting of American Academy of Dermatology, Miami, FL*[Invited Lecture]*
- 2010 Dermatopathology Challenges Encountered by the Mohs Surgeon, FOCUS U145, 68th Annual Meeting of American Academy of Dermatology, Miami, FL*[Director, Invited Lecture]*
- 2010 Cutaneous Laser Surgery Session, American Society of Lasers in Medicine and Surgery Annual Meeting, Phoenix, AZ*[Director]*
- 2010 Treatment of Venous Malformations with an 800nm Diode Laser, American Society of Lasers in Medicine and Surgery Annual Meeting, Phoenix, AZ*[Invited Lecture]*
- 2010 Response and One Year Follow-Up of Basal Cell Carcinomas Treated with Pulsed Dye Laser, American Society of Lasers in Medicine and Surgery Annual Meeting, Phoenix, AZ*[Invited Lecture]*
- 2010 Evaluation and Treatment of Pediatric Lesions Expert Panel, American Society of Lasers in Medicine and Surgery Annual Meeting, Phoenix, AZ*[Faculty]*
- 2010 Fractional Devices and Systems, FDA Headquarters, Silver Spring, MD *[US Food and Drug Administration]*
- 2011 Treatment of Basal cell carcinomas with Vascular-specific lasers,

- 6th National Congress of Dermatology, Beirut, Lebanon [*Invited Lecture*]
- 2011 Treatment of Infantile Hemangiomas, 6th National Congress of Dermatology, Beirut, Lebanon [*Invited Lecture*]
- 2012 Lasers in Esthetics and Medicine, American Lebanese Medical Association (ALMA), UMCRH, Beirut, Lebanon [*Invited Lecture*]
- 2012 Dermatology, "Healthcare Beyond Borders", American Lebanese Medical Association (ALMA), UMCRH, Beirut, Lebanon [*Moderator*]
- 2012 Update in laser treatment of vascular lesions, 7th National Congress of Dermatology, Beirut, Lebanon [*Invited Lecture*]
- 10/4/2013 Uremic Pruritus – Current Emerging Therapies, VIIth Update of Nephrology, Beirut, Lebanon [*Invited Lecture*]
- 11/8/2013 Overview of Non-Ablative Fractional Resurfacing, 8th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Invited Lecture*]
- 11/8/2013 Laser Complications, 8th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Invited Lecture*]
- 11/9/2013 Update on laser treatment of vascular lesions, 8th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Invited Lecture*]
- 5/29/15 ABC of Laser Rejuvenation. 10th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon
- 6/5/2016 Hemangiomas and Portwine Stains: Treatment Update. 11th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Invited Lecture*]
- 2/10/2016 Hidradenitis Suppurativa..Unveiling a hidden disease. The Annual Conference of the Lebanese Society of Family Medicine.
- 27/4/17 Overview of vascular lesions. 12th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Lecturer, Moderator, Program Chair*]
- 27/4/2017 Overview of vascular lesions. 12th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Lecturer, Moderator, Program Chair*]
- 27/4/2017 Laser Complications. 12th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Lecturer, Program Chair*]
- 28/4/2017 Basal cell carcinoma and laser. 12th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Lecturer, Program Chair*]
- 3/5/2018 Mohs micrographic surgery. 13th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Lecturer, Program Chair*]
- 2/10/2018 Alternative Treatments of Psoriasis. Psoriasis Day 2018. Lebanese Order of Physicians, Beirut, Lebanon [*Lecturer*]
- 3/10/2019 Disease Modification with IL23 Inhibitors in Psoriasis. 14th Annual Congress of Lebanese Dermatologic Society, Beirut, Lebanon [*Lecturer*]

International

- 2000 Congenital nevi and Malignant Melanoma, International Conference of Melanoma, Athens, Greece [*Invited Lecture*]
- 2000 Congenital nevi: Histologic features, Management, and risk of Malignant Melanoma, American University of Beirut, Department of Dermatology, Beirut, Lebanon [*Invited Lecture*]
- 2000 Interesting cases from Massachusetts General Hospital , American University of Beirut, Department of Dermatology, Beirut, Lebanon [*Invited Lecture*]
- 2001 In-vivo examination of lentigo maligna and malignant melanoma in situ, lentigo maligna type by near-infrared confocal microscopy, 5th World Conference on Melanoma, Venice, Italy [*Invited Lecture*]
- 2006 In-Situ Imaging of Non-melanoma Skin Cancer: Will it replace the microscope?, American University of Beirut, Beirut, Lebanon [*Invited Lecture*]
- 2006 Fractional Resurfacing: Basics and Clinical Applications, Lebanese Dermatologic Society Meeting, Beirut, Lebanon [*Invited Lecture*]
- 2006 Workshop on Fractional Resurfacing, Monroe Hotel, Beirut, Lebanon [*Workshop*]
- 2006 Workshop on Fractional Resurfacing, Athens, Greece [*Workshop*]
- 2006 Fractional Resurfacing: Practice Pearls for Middle Eastern Skin, CosmeSurge, Dubai, UAE [*Invited Lecture*]
- 2007 Cutaneous manifestations of viral infections, University of Balamand, Achraffieh, Beirut, Lebanon [*Invited Lecture*]
- 2007- Cutaneous Manifestations of Nutritional Disorders, Notre Dame University - North Lebanon Campus [*Invited Lecture*]
- 2007 Fractional Resurfacing: Practice Tips and Pearls for Darker Skin, UAE Cosmetic Surgery and Dermatology Society Meeting. Crown Plaza Hotel, Dubai, UAE [*Invited Lecture*]
- 2008 The Effect of 595 nm Pulsed Dye Laser on Basal Cell Carcinoma, European Academy of Dermatology and Venereology Spring Symposium, Istanbul, Turkey [*Invited Lecture*]
- 2008 Sclerosing Dermopathy, International Academy of Pathology Congress, Athens, Greece [*Invited Lecture*]
- 2009 Nonablative fractional resurfacing: from its inception to present day, Dubai Derma, Dubai, United Arab Emirates. [*Invited Lecture*]
- 2009 Overview of non-ablative fractional resurfacing with focus on histological wound response, “Lasers and Aesthetic Medicine in 5 Continents“ Congress, Nice, France [*Invited Lecture*]
- 2009 My way of treating scars, including acne scars, “Lasers and Aesthetic Medicine in 5 Continents“ Congress, Nice, France [*Invited Lecture*]
- 2009 Non-ablative fractional resurfacing: From its inception to present day, Dubai Congress on Anti-Aging & Aesthetic Medicine. Dubai, UAE. [*Invited Lecture*]

- 2011 Dermatopathology Challenges Encountered by the Mohs Surgeon, FOCUS U046, 69th Annual Meeting of American Academy of Dermatology, New Orleans, LA [*Focus Session director and Lecturer*]
- 2011 Lasers for Vascular Lesions: "Mastery of Lasers: Use of Energy Based Technology for Optimal Patient Results" , American Society for Dermatologic Surgery, Washington, DC [*Invited Lecture*]
- 2011 Fractional Non-ablative Resurfacing: "Mastery of Lasers: Use of Energy Based Technology for Optimal Patient Results" , American Society for Dermatologic Surgery, Washington, DC [*Invited Lecture*]
- 2011 In-situ Imaging of Non-Melanoma Skin Cancer: "Mastery of Lasers: Use of Energy Based Technology for Optimal Patient Results" , American Society for Dermatologic Surgery, Washington, DC [*Invited Lecture*]
- 2011 Lasers for Basal Cell Carcinoma: "Mastery of Lasers: Use of Energy Based Technology for Optimal Patient Results" , American Society for Dermatologic Surgery, Washington, DC [*Invited Lecture*]
- 2011 Fractional Devices and Systems, FDA Headquarters, Silver Spring, MD [*U S Food and Drug Administration*]
- 2011 Overview of Non-ablative Fractional Resurfacing, International Master Course on Aging Skin (IMCAS) Annual Meeting, Paris, France [*Invited Lecture*]
- 2011 USA Special - Dermatological Procedures: Overview of non-ablative fractional resurfacing, 9th Anti-Aging Medicine World congress 2011, Monte-Carlo, Monaco [*Invited Lecture*]
- 2011 New Trends in Lasers and Lights: Overview of non-ablative fractional resurfacing, 9th Anti-Aging Medicine World congress 2011, Monte-Carlo, Monaco [*Invited Lecture*]
- 2011 Advanced Session in Lasers and Lights: Using laser-IPL to diminish physical scars, 9th Anti-Aging Medicine World congress 2011, Monte-Carlo, Monaco [*Invited Lecture*]
- 2011 Overview of Non-Ablative Fractional Resurfacing, The 2011 Annual Meeting of the Taiwanese Society for Investigative Dermatology, Taipei, Taiwan [*Invited Lecture*]
- 2011 Laser Treatment of Basal Cell Carcinoma, The 2011 Annual Meeting of the Taiwanese Society for Investigative Dermatology, Taipei, Taiwan [*Invited Lecture*]
- 2011 Hemangiomas and Portwine Stains, 2011 Spring Meeting of Taiwanese Dermatological Association, Taipei, Taiwan [*Invited Lecture*]
- 2011 Histopathology of Fat, 22nd World Congress of Dermatology, Seoul, Korea [*Invited Lecture*]
- 2011 Subcutaneous Fat in Normal and Diseased State, 22nd World Congress of Dermatology, Seoul, Korea [*Session Co-chair*]
- 2011 Histology of fractional laser, Journées Parisiennes du Laser, Paris, France [*Invited Lecture*]
- 2011 Lasers and carcinoma basocellular, Journées Parisiennes du Laser, Paris, France [*Invited Lecture*]
- 2012 New Generation Laser Technology session: Non Ablative Fractional Technologies, American Academy of Cosmetic Surgery

- 28th Annual Scientific Meeting, Las Vegas, NE [*Session Chair and Invited Lecturer*]
- 2012 Dermatopathology Challenges Encountered by the Mohs Surgeon, 70th Annual American Academy of Dermatology Meeting, San Diego, CA [*Focus Session director and Lecturer*]
- 2012 Fractional Ablative and Non-ablative Resurfacing, American Society for Dermatologic Surgery Laser Course. Washington, DC [*Invited Lecture*]
- 2012 Lasers for Basal Cell Carcinoma, American Society for Dermatologic Surgery Laser Course. Washington, DC [*Invited Lecture*]
- 2012 Dermpath Challenges: Interactive Session , 44th Mohs College Annual Meeting, Chicago IL [*Invited Lecture, Breakfast Session*]
- 2012 Update on Laser Treatment of Vascular Lesions, Massachusetts Academy of Dermatology 2012 Annual Meeting, Ogunquit, Maine [*Invited Lecture*]
- 2012 Overview of Non-Ablative Fractional Laser Resurfacing, Massachusetts Academy of Dermatology 2012 Annual Meeting, Ogunquit, Maine [*Invited Lecture*]
- 2012 There is no “C” in Team: Multi-disciplinary Treatment of Complex Cancers: Adenoid Cystic Carcinoma, American Society for Dermatologic Surgery 2012 Annual Meeting, Atlanta, GA [*Invited Lecture*]
- 2012 Fractional Lasers and RF devices for Drug Delivery, U S Food and Drug Administration (FDA) Headquarters, Silver Spring, MD [*Invited Lecture*]
- 2012 Pitfalls in Mohs Surgery, International Society of Dermatologic Surgery (ISDS) Meeting, Lucerne, Switzerland [*Invited Lecture*]
- 2012 Update on non ablative fractional resurfacing, International Society of Dermatologic Surgery (ISDS) Meeting, Lucerne, Switzerland [*Invited Lecture*]
- 2012 Vascular lesions, Danish Laser Course for Residents in Dermatology, Odense, Denmark [*Invited Lecture*]
- 2012 Laser safety, Danish Laser Course for Residents in Dermatology, Odense, Denmark [*Invited Lecture*]
- 2012 Dermatopathology Board Review, 70th Annual American Academy of Dermatology Meeting, San Diego, CA [*Focus Session director and Lecturer*]
- 3/2/2013 Dermatopathology Board Review, 71th Annual American Academy of Dermatology Meeting, Miami, FL [*Focus Session director and Lecturer*]
- 21/11/2013 Update on Laser Treatment of Vascular Lesions, The 12th International GCC Dermatology Venereology and Laser Conference, Kuwait
- 28/11/2013 Update on Non-Ablative Fractional Resurfacing, Sharm Derma, Sharm El-Sheikh, Egypt
- 4/12/2013 Overview on Dermatologic Surgery, Hikma Dermatology Standalone Symposium, Kuala Lumpur, Malaysia
- 12/5/2013 Laser Complications, Hikma Dermatology Standalone Symposium, Kuala Lumpur, Malaysia [*Invited Lecture*]
- 22/3/2014 Dermatopathology Board Review, 72th Annual American

- Academy of Dermatology Meeting, Denver, CO [*Focus Session director and Lecturer*]
- 22/3/2014 Laser Pearls, Surgical Pearls Symposium, 72th Annual American Academy of Dermatology Meeting, Denver, CO [*Invited Lecture*]
- 6/4/2014 Dermatopathology Review: An Interactive Session, Dubai World Dermatology & Laser Conference & Exhibition – Dubai Derma [*Invited Lecture*]
- 6/4/2014 Laser Treatment of Vascular Lesions, Dubai World Dermatology & Laser Conference & Exhibition – Dubai Derma [*Invited Lecture*]
- 14/5/2014 Therapeutic and Safety Laser Pearls, Recent Advances in Clinical Dermatology Symposium, London, UK. [*Invited Lecture*]
- 13/6/2014 Management Insights of Atopic Dermatitis. Meda Standalone Symposium, Tallinn, Estonia. [*Invited Lecture*]
- 28/11/2014 Laser Complications. Sharm Derma 2014 & International Pan Arab League Of Dermatology, Sharm El-Sheikh. Egypt. [*Invited Lecture*]
- 29/11/2014 Treatment of infantile hemangiomas: My experience. Sharm Derma 2014 & International Pan Arab League Of Dermatology, Sharm El-Sheikh, Egypt. [*Invited Lecture*]
- 23/3/2014 Dermatopathology Board Review, Forum 112, 73RD Annual American Academy of Dermatology Meeting, San Francisco, CA [*Forum Director and Lecturer*]
- 5/9/2015 Update on Laser Treatment of Vascular Lesions. Evening Roundtable: Lasers & Light in Vascular Lesions. 5-Continent-Congress, Cannes , France. [*Invited Lecture*]
- 22/10/2015 New Updates in Management of Atopic Dermatitis – Petite Study. The First International Conference of Kurdistan Society of Dermatologists. Erbil-Kurdistan, Iraq. [*Invited Lecture*]
- 28/1/2016 Laser Treatment of Infantile Hemangiomas. Dubai Academy of Dermatology 2016, Dubai, UAE. [*Invited Lecture*]
- 13/4/2016 Laser Complications, Dubai Derma, Dubai, UAE [*Invited Lecture*]
- 1/9/2016 Managing Laser Complications. Session: Laser-The Original Energy-Based Devices Session. 7th 5-Continent-Congress, Barcelona, Spain. [*Invited Lecture*]
- 2/9/2016 Basal Cell Carcinoma and Laser. Skin Cancer-Cutting Edge Treatment Options’ Session. 7th 5-Continent-Congress, Barcelona, Spain. [*Invited Lecture*]
- 2/9/2016 Infantile Hemangiomas. Skin Conditions at a Glance Session. 7th 5-Continent-Congress, Barcelona, Spain. [*Invited Lecture*]
- 9/2016 Tattoos and Laser Hair Removal Case Presentation. Law: Complications and the Mistakes We Make. 11th ” Laser and Aesthetic Skin Therapy: What is the Truth? “ Harvard Annual Meeting, Boston, Massachusetts, USA. [*Invited Lecture*]
- 27/1/2017 Update on Laser Treatment of Vascular Lesions. Dubai Academy of Dermatology 2016, Dubai, UAE. [*Invited Lecture*]
- 17/9/2017 Ablative and Non-Ablative Fractional Laser Therapy for Cosmetic and Medical Indications. 26th EADV Congress, Geneva, Switzerland. [*Invited Lecture*]

- 12/9/2018 Treatment of Basal Cell Carcinomas with Vascular-Specific Lasers. 27th EADV Congress, Paris, France. *[Invited Lecture]*
- 7/6/2019 The Laser as Adjuvant Therapy. International Congress of Vascular Anomalies. Athens, Greece. *[Invited Lecture]*
- 11/6/2019 Update on Lasers and Other Light Sources Symposium. 24th World Congress of Dermatology, Milan, Italy *[Co-Chair]*
- 11/6/2019 Laser treatment of Basal Cell Carcinoma. 24th World Congress of Dermatology, Milan, Italy. *[Invited Lecture]*
- 27/9/2019 Management of Atopic Dermatitis, Mylan Dermatology Standalone Symposium, Baku, Azerbaijan

b. Professional Leadership Roles related to Teaching

- 2003 Regional Chair, New England Dermatological Society Clinical Meeting, Lahey clinic, Harvard Medical School
I organized the annual meeting with 30 live patient presentations, histological interpretations and discussion of diagnosis and treatment options. More than 250 physicians attended the meeting.
- 2007 National Department of Dermatology, University of California San Diego School of Medicine
I assisted course participants (residents, fellows, attendings) with cadaver dissection and performance of flaps and grafts on cadavers for 5 days at the Greenway Superficial Anatomy Course.
- 2009 National International Society of Cosmetic and Laser Surgeons (ISCLS)
I served as a program co-chair for the three day 17th Annual Symposium of the International Society of Cosmetic and Laser Surgery meeting in Scottsdale, Arizona. The faculty of 16 physicians consist of national leaders in laser and aesthetic surgery. The course is approved for 18 CME credits. The meeting requires 100 hours of preparation time.
- 2009-2010 National American Society of Lasers in Surgery & Medicine (ASLMS)
As a Co-Chair of ASLMS 2010 Cutaneous Laser Surgery Section, I reviewed hundreds of abstract submissions for the ASLMS national meeting in Phoenix, Arizona. This is the leading society in Laser surgery. Will require 100 hours of review and discussion time. I moderated this session for 12 hours at the meeting.
- 2011-2014 International ASLMS-Food & Drug Administration
I serve as an ASLMS expert to the Food & Drug Administration (FDA). New developments in lasers and related technologies are dramatically improving diagnostic and treatment methods. Utilizing my expertise in Lasers in my collaboration with the FDA will help to provide safer and more effective healthcare. I also lecture yearly in the annual laser course for the benefit of the FDA. This course is part of a cooperative effort between the American Society of Lasers in Medicine and Surgery and the FDA. The purpose of the program is to gather leaders in clinical laser surgery and research to educate FDA regulators regarding new advances in laser surgery with a focus on safety in an effort to promote safe

- advances in the field of laser surgery.
- 2012 International Lasers in Surgery and Medicine Journal
I served as the Guest Editor of the Special Dermatology Issue of the Lasers in Surgery and Medicine Journal that was published in February 2012. This task involved reviewing more 100 manuscripts submitted for this issue and choosing the best 14 papers that were included in this special issue.
- 2012 National Arab Board of Dermatology
The Department of Dermatology at the Lebanese American University was chosen to be the host of the Arab Board of Dermatology after holding it in Syria for the last 15 consecutive years. Over 75 Dermatology applicants from all the Arab countries participated in this exam. I served as an external examiner as well as the host, and the organizer of this event. The event took place at LAU Beirut Campus. The board members rated it as the best and the most organized Arab board exam during the last 15 years.
- 2014,2015, National Arab Board of Dermatology
2016, 2017 The Department of Dermatology at the Lebanese American University at LAUMC-RH hosted part of the Arab Board of Dermatology exams. I served as an external examiner as well as the host, and the organizer of this event. Around 40 Dermatology applicants from Arab countries participated in these oral and written exams.
- 2012 International Saudi Dermatology Board
I served as an external Examiner at Saudi Dermatology Board Exam that took place at King Fahd Hospital, Alkhobar, Saudi Arabia.
- 2015 International Arab Academy of Dermatology
I was elected as a member of the Board of Directors of the Arab Academy of Dermatology.
- 2012, 2013, International Arab Board of Dermatology
2014, 2015, I served as an external examiner at the Arab Board of Dermatology
2016 that took place in Amman, Jordan for three consecutive years. I tested more than 40 applicants each year with oral exams.
- 2017, 2018 National First and Second Lebanese Dermatologic Society-
Sponsored Dermatologic Clinicopathologic Correlation
Conference hosted by LAU/LAUMC-RH
- I served as the Program Chair and moderator in both meetings. I organized the two meetings including live patient viewing, case presentations, histological interpretations and discussion of diagnosis and treatment options. Dermatologists from all over Lebanon as well as Dermatology Residents attended this meeting.
- 2017, 2018 National Lebanese Dermatologic Society Annual meeting
I served as the Program Co-Chair of the 12th and the 13th Annual Congresses of Dermatology in Phoenicia, Beirut, Lebanon. I was involved in organizing the content, faculty, social program, industry involvement and all other aspects of the annual meeting. The two meetings had an attendance of over 335, which is a record

number for this meeting.

3. Description of Teaching Award(s) Received

2007 Annual Teaching Award
Harvard Medical School, Department of Dermatology

4. Description of major curriculum offerings, teaching cases or innovative educational programs developed

2006- Dermatopathology Unknown Kodachrome Lecture Series
Residents, fellows and students are presented with unknown dermatopathology kodachromes that are frequently asked on the Boards and are asked to choose the right answer from multiple choices. Detailed discussion of the diagnostic clues is then presented.

2008-2010 Teaching Cases
I established a clinicopathologic correlation symposium (CPC) that includes case presentations of 6-8 patients from inpatient consult service and outpatient dermatology clinics. The symposium occurs every two months and is designed to be interactive.

D. Report of Clinical Activities

2006-2010 Dermatology, Dermatologic Surgery, V.A. Medical Center, Jamaica Plain
Clinical Activity Description: 1. Performing Mohs Micrographic Surgery on often-large non-melanoma skin cancers with complex histology, followed by the appropriate reconstruction procedures including complex linear closures, advancement, rotation and transposition flaps, as well as full thickness skin grafts 2. Performing standard excision of melanoma and non-melanoma skin cancer, cysts, nevi, lipomas, and other tumors followed by the appropriate reconstruction procedure
Patient Load: 20 patients/week; Highly complex, large non-melanoma and melanoma skin cancer

2006-2010 Dermatology, Massachusetts General Hospital
Clinical Activity Description: Diagnosing and treating a variety of skin diseases including acne, rosacea, warts, seborrheic keratosis, psoriasis, connective tissue diseases, actinic keratosis, melanoma and non-melanoma skin cancer
Patient Load: 20 patients/week

2006-2010 Dermatology, Laser and Cosmetic Surgery, Massachusetts General Hospital
Clinical Activity Description: Utilizing a variety of lasers to treat different skin conditions including infantile hemangiomas, portwine stains, arteriovenous malformations, acne, rosacea, leg veins, dermatoheliosis, rhytides and tattoos. Performing dermatologic surgery as well as cosmetic

procedures such as fillers, Botox and peels.

Patient Load: 20 patients/week; Tertiary care referral service, multiple complex cases

2011- Dermatology, Laser and Cosmetic Surgery, Dermatologic Surgery, Lebanese American University Medical Center-Rizk Hospital

Clinical Activity Description: Diagnosing and treating a variety of skin diseases including acne, rosacea, warts, seborrheic keratosis, psoriasis, connective tissue diseases, actinic keratosis, melanoma and non-melanoma skin cancer. Performing dermatologic surgery for malignant and benign skin tumors. Utilizing a variety of lasers to treat different skin conditions including infantile hemangiomas, portwine stains, arteriovenous malformations, acne, rosacea, leg veins, dermatoheliosis, rhytides and tattoos. Performing cosmetic procedures such as fillers, Botox and peels.

Patient Load: 60 patients/week

PART III: BIBLIOGRAPHY

Original Articles

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2. Zeina Tannous, Mathew M. Avram, Sandy Tsao, Marc R. Avram. *Color Atlas of Cosmetic Dermatology*. Second Edition New York: McGraw-Hill ; 2011 Mar. Report No.: ISBN: 978-0-07-163503-5. p. 324 pgs. This is the cosmetic companion to the Fitzpatrick Color Atlas featuring cosmetic treatment options and descriptions of cosmetic and surgical procedures. It contains over 600 clinical photographs.
3. Zeina Tannous, Molly Wanner. *Comprehensive Textbook of Cosmetic Dermatology, Laser and Energy-Based Therapies*. First Edition. Jaypee publishing Company: 2020. Around 500 pages. World authorities in the field of Laser and Cosmetic Dermatology have already committed to write chapters about their areas of expertise. In preparation. Expected to be completed during the first quarter of 2018.

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