

Curriculum Vitae

Date: August 15, 2021

Murad Alam, MD, MSCI, MBA

PERSONAL INFORMATION

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Home Address 100 E. Bellevue Place, Apt. 16C
Chicago, IL 60611

Citizenship US

Date of Birth September 10, 1967

EDUCATION

| | |
|-----------|--|
| 2013-2015 | M.B.A, Kellogg School of Management, Northwestern University, Chicago, IL |
| 2003-2006 | M.S., Clinical Investigation, Northwestern University, Chicago, IL |
| 1992-1996 | M.D., Yale University School of Medicine, New Haven, CT |
| 1985-1989 | B.A., Economics, Yale College, New Haven, CT |

GRADUATE MEDICAL EDUCATION

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|-----------|--|
| 2001-2002 | Fellow, Mohs Micrographic Surgery and Cutaneous Oncology, Houston, Texas |
| 2000-2001 | Fellow, Laser and Cosmetic Surgery, Beth Israel Deaconess Medical Center (SkinCare), Harvard Medical School, Boston |
| 1997-2000 | Resident, Department of Dermatology, Columbia University, New York, NY |

1996-1997 Intern, Department of Internal Medicine, University of Michigan,
Ann Arbor, MI

BOARD CERTIFICATION AND LICENSURE

Certification Dermatology (American Board of Dermatology), Certified Oct. 2001
Recertified October 2009 (Expiration 2021)

Licensure Illinois
New York

FACULTY APPOINTMENTS

2020- Professor of Medical Social Science.
Northwestern University, Chicago, IL

2015- Vice-Chair, Department of Dermatology
Northwestern University, Chicago, IL

2011- Professor of Dermatology, Otolaryngology & Surgery
Northwestern University, Chicago, IL

2007- Associate Professor of Dermatology, Otolaryngology & Surgery
Northwestern University, Chicago, IL

2006- Assistant Professor of Surgery,
Northwestern University, Chicago, IL

2004- Assistant Professor of Otolaryngology,
Northwestern University, Chicago, IL

2002- Assistant Professor of Dermatology,
Northwestern University, Chicago, IL

2002- Member, Robert H. Lurie Comprehensive Cancer Center,
Northwestern University, Chicago, IL

HOSPITAL APPOINTMENTS

2002- Director, Mohs Micrographic Surgery, Northwestern Memorial
Hospital, Chicago, IL

ADMINISTRATIVE APPOINTMENTS

| | |
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| 2006- | Director, Micrographic Surgery and Dermatologic Oncology Fellowship (formerly Procedural Dermatology Fellowship), Northwestern University |
| 2014- | Director, Cosmetic Dermatologic Surgery Fellowship, Northwestern University |
| 2002- | Chief, Section of Cutaneous and Aesthetic Surgery, Department of Dermatology, Northwestern University |

COMMITTEE SERVICE (SCHOOL AND HOSPITAL)

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| 2018- | <u>Chair</u> , Clinical Faculty Recruitment Committee, Department of Dermatology, Northwestern University |
| 2009-2012 | <u>Member</u> , Finance Committee, Northwestern Medical Faculty Foundation |
| 2008- | <u>Member</u> , Departmental Appointments, Promotion and Tenure Committee, Dermatology Department, Northwestern University |
| 2007- | <u>Member</u> , Committee on Contributed Services Faculty, Department of Dermatology, Northwestern University |
| 2004-2005 | <u>Member</u> , Human Resources Committee, Northwestern Medical Faculty Foundation |
| 2004-2005 | <u>President</u> , Medical Faculty Senate Council, Northwestern University |
| 2003-2004 | <u>President-Elect</u> , Medical Faculty Senate Council, Northwestern University |
| 2003-2004 | <u>Member</u> , Research Subcommittee, General Faculty Committee, Northwestern University |
| 2003- | <u>Representative (Cutaneous Surgery)</u> , Council of Surgical Oncologists, Robert H. Lurie Comprehensive Cancer Center |
| 2002-2004 | <u>Member</u> , Residency Selection Committee, Department of |

Dermatology, Northwestern University

2002-2003 Representative (Dermatology), Medical Faculty Senate,
Northwestern University

AWARDS, HONORS, DISTINCTIONS

| | |
|---------------------|--|
| 2021 | Stegman Lifetime Achievement Award, American Society for Dermatologic Surgery |
| 2020 | Walter B. Shelley Leadership Award, Women's Dermatologic Society |
| 2020 | President's Award, American Society for Laser Medicine & Surgery |
| 2012, '15, '17, '20 | American Academy of Dermatology Presidential Citations |
| 2013 | Induction to Alpha Omega Alpha |
| 2012 | Elected to Board of Directors, American College of Mohs Surgery |
| 2010 | Elected to Board of Directors, American Society for Dermatologic Surgery |
| 2009 | Martin Luther King, Jr. Visiting Professor, University of Michigan |
| 2009 | Induction to American Dermatologic Association |
| 2001 | Joel M. Noe Travel Grant (American Society for Laser Medicine & Surgery) |
| 1999 | Honorable Mention, 10 th Annual Conrad Strizler Memorial Residents' Competition |
| 1997, '98, '99 | Columbia-Presbyterian House Staff Research Awards |
| 1995 | MD Thesis Research Award, Yale Medical School |
| 1994 | Yale Medical School Summer Research Grant Award |
| 1989 | <i>summa cum laude</i> |
| 1989 | Distinction in the Major (Economics) |

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| 1987 | Phi Beta Kappa |
| 1987 | Citation in Macroeconomic Theory |
| 1986-88 | <u>Associate Editor</u> , <i>Yale Economics and Business Review</i> |
| 1985-89 | National Merit Scholarship |

PROFESSIONAL AND SCIENTIFIC SOCIETY MEMBERSHIPS

Association of Academic Cosmetic Dermatologists
 American Academy of Dermatology
 American Dermatologic Association
 American Medical Association
 American College of Epidemiology
 American College of Mohs Surgery
 American Society of Clinical Oncology
 American Society for Dermatologic Surgery
 American Society for Laser Medicine and Surgery
 American Society of Transplantation
 Association of Professors of Dermatology
 Association for Psychocutaneous Medicine of North America
 Blade and Light Society
 Dermatology Foundation
 Chicago Dermatological Society
 Cochrane Skin Core Outcome Sets Initiative (CS-COUSIN)
 Committee of Invasive Tumor Evidence-Based Recommendations (CISTERN)
 Guidelines International Network (GIN)
 Illinois Dermatological Society
 Illinois State Medical Society
 IMPROVED Group (Measurement of Priority Outcomes in Dermatologic Surgery)
 International Academy of Cosmetic Dermatology
 International Peeling Society
 International Society for Dermatologic Surgery
 Noah Worcester Society
 Skin of Color Society
 Society for Investigative Dermatology
 Society for Pediatric Dermatology
 Women's Dermatologic Society

PROFESSIONAL AND SCIENTIFIC SERVICE

Editorial Position

| | |
|-----------|---|
| 2020- | <u>Editor</u> , CS-COUSIN Newsletter |
| 2019- | <u>Editor-in-Chief</u> , <i>Archives of Dermatological Research</i> |
| 2018- | <u>Associate Editor</u> , <i>Journal of the American Academy of Dermatology</i> |
| 2016- | <u>Associate Editor</u> , <i>International Journal of Women's Dermatology</i> |
| 2015-2016 | <u>Referee</u> , <i>Cochrane Skin Group</i> |
| 2010-2015 | <u>Surgery Section Editor</u> , <i>Journal Watch Dermatology</i> |
| 2010- | <u>Section Head</u> , <i>Dermatologic and Cosmetic Surgery, Faculty of 1000</i> |
| 2006-2016 | <u>Editorial Board</u> , <i>JAMA-Dermatology (Archives of Dermatology)</i> |
| 2006-2010 | <u>Associate Editor</u> , <i>Skin Therapy Letter</i> |
| 2005- | <u>Editorial Board</u> , <i>Journal of Cosmetic Dermatology</i> |
| 2005- | <u>Assistant Editor</u> , <i>Dermatologic Surgery</i> |
| 2004-2005 | <u>Editorial Board</u> , Web-Based CME Program, American Academy of Dermatology |
| 2004-2010 | <u>Editorial Board</u> , <i>Cosmetic Dermatology</i> |
| 2003- | <u>Series Co-Editor</u> , <i>Procedural Dermatology</i> , Volumes 1-18, London: Elsevier |
| 2002-2007 | <u>Section Co-Editor</u> , <i>Advances in Dermatologic Surgery, Skin Therapy Letter</i> |
| 2002-2005 | <u>Feature Editor</u> , Evidence-Based Medicine/Outcomes Research, <i>Dermatologic Surgery</i> |
| 2000-2005 | <u>Section Editor</u> , Book and New Media Reviews, <i>Archives of Dermatology</i> |
| 2000- | <u>Peer Reviewer</u> , <i>JAMA, New England Journal of Medicine, Journal of the American Academy of Dermatology, JAMA</i> |

Dermatology, Archives of Facial Plastic Surgery, Plastic and Reconstructive Surgery, Lasers in Surgery and Medicine, American Journal of Clinical Dermatology, Medical Letter, Annals of Surgical Oncology, European Journal of Surgical Oncology, Journal of the European Academy of Dermatology and Venereology, Clinical and Experimental Dermatology, International Journal of Dermatology, Cancer, Lasers in Surgery and Medicine, Cancer, Cochrane Skin Group/Cochrane Collaboration

Leadership Positions, State, National, and International Professional and Scientific Societies

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| 2021-2023 | <u>Executive Committee Member</u> , American Academy of Dermatology |
| 2021-2025 | <u>Organisational Trustee</u> , Guidelines International Network, Scotland, UK |
| 2021-2026 | <u>Board Member</u> , COUSIN-CHORD Collaboration |
| 2021-2023 | <u>Representative to Alliance for Specialty Medicine</u> , American Society for Dermatologic Surgery Association |
| 2021-2022 | <u>Vice President</u> , American Society for Laser Medicine and Surgery |
| 2021- | <u>Chair</u> , Resident Innovation Grants Program Work Group. American Society for Dermatologic Surgery. |
| 2021- | <u>Deputy Chair</u> , Legacy Committee, Women's Dermatologic Society |
| 2019-2022 | <u>Chair</u> , Early Career Mentorship Program Committee, American Society for Laser Medicine and Surgery |
| 2018- | <u>Chair</u> , Constitution and Bylaws Committee, American Society for Laser Medicine and Surgery |
| 2018- | <u>Chair</u> , Bylaws Committee, American Society for Laser Medicine and Surgery |
| 2018-2021 | <u>Board Member</u> , American Society for Laser Medicine and Surgery |
| 2018-2020 | <u>Dermatology Team Leader</u> , ASTRO Guidelines for Treatment of Nonmelanoma Skin Cancer, American Society for Radiation Oncology |

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| 2018- | <u>Chair</u> , International Journal of Women's Dermatology Task Force, Women's Dermatologic Society |
| 2018-2019 | <u>Chair</u> , Noah Endowment Fund, Noah Worcester Dermatological Society |
| 2018-2020 | <u>Member</u> , Council on Government Affairs, Health Policy, and Practice, American Academy of Dermatology |
| 2018 | <u>Dermatology Representative</u> , FDA Network of Experts |
| 2018-2019 | <u>Chair</u> , Audit Committee, American Society for Laser Medicine and Surgery |
| 2017-2019 | <u>Chair</u> , Finance Council, Women's Dermatologic Society |
| 2018-2020 | <u>Board Member</u> , Noah Worcester Dermatological Society |
| 2015-2018 | <u>Co-Chair</u> , Basal Cell Carcinoma Guidelines Workgroup, American Academy of Dermatology |
| 2015-2018 | <u>Co-Chair</u> , Squamous Cell Carcinoma Guidelines Workgroup, American Academy of Dermatology |
| 2017-2021 | <u>Co-Chair</u> , Joint ASDS/ASPS Guidelines for Post Skin Cancer Excision Reconstruction, American Society for Dermatologic Surgery and American Society of Plastic Surgery |
| 2017-2018 | <u>President-Elect</u> , American Society for Dermatologic Surgery |
| 2017-2020 | <u>Treasurer</u> , Women's Dermatologic Society |
| 2018-2020 | <u>Chair</u> , Congressional Policy Committee, American Academy of Dermatology |
| 2017-2019 | <u>Advisor</u> , Health Care Finance Committee, American Academy of Dermatology |
| 2016- | <u>Alternate Representative</u> , Illinois Carrier Advisory Committee |
| 2016-2017 | <u>AAD Representative</u> , ASDP AUC Ratings Panel |
| 2016-2018 | <u>Assistant Treasurer</u> , Women's Dermatologic Society |

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| 2016-2017 | <u>Vice-President</u> , American Society for Dermatologic Surgery |
| 2016-2018 | <u>Deputy Chair</u> , Congressional Policy Committee, American Academy of Dermatology |
| 2015-2016 | <u>Chair</u> , Digital Pathology Workgroup, American Academy of Dermatology |
| 2015- | <u>Board Member</u> , Illinois Dermatologic Society |
| 2015-2016 | <u>Member</u> , DSMB, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) |
| 2015-2017 | <u>Member</u> , Nominating Committee, Noah Worcester Society |
| 2015-2021 | <u>Chair</u> , Federal Affairs Work Group, American Society for Dermatologic Surgery |
| 2015- 2017 | <u>Advisor</u> , Dermatopathology Rapid Response Committee, American Academy of Dermatology |
| 2014-present | <u>Voting Member</u> , Panel on General and Plastic Surgery Devices, US Food and Drug Administration |
| 2014- 2016 | <u>Member</u> , SkinPAC Board of Advisors |
| 2014-2016 | <u>Co-Chair</u> , Non-Melanoma Skin Cancer Guidelines/Clinical Guidelines Workgroup, American Academy of Dermatology |
| 2014-2015 | <u>Chair</u> , PD Fellowship Next Accreditation System (NAS) Requirement Task Force, American College of Mohs Surgery |
| 2013-2017 | <u>Member</u> , Council on Government Affairs, Health Policy, and Practice, American Academy of Dermatology |
| 2013-2017 | <u>Chair</u> , Health Care Finance Committee, American Academy of Dermatology |
| 2013-2016 | <u>Secretary</u> , American Society for Dermatologic Surgery |
| 2013-2016 | <u>Member</u> , Procedural Dermatology Section Steering Committee, Association of Professors of Dermatology |
| 2013-2014 | <u>Chair</u> , Scientific Program Committee, American Society for Laser |

Medicine and Surgery

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| 2013-2104 | <u>Chair</u> , Finance Committee, American Society for Laser Medicine and Surgery |
| 2013 -2014 | <u>Chair</u> , Task Force on Guidelines on Neurotoxin Reconstitution, Use and Storage, American Society for Dermatologic Surgery |
| 2013- | <u>Co-Section Head</u> , Dermatologic and Cosmetic Surgery Section, Faculty of 1000 |
| 2013 | <u>Chair</u> , Research in Cutaneous Surgery Satellite Meeting, Annual Meeting, International Investigative Dermatology, Edinburgh, Scotland |
| 2013- | <u>Co-Chair</u> , ICD-10 Work Group, American Academy of Dermatology |
| 2012-2015 | <u>Board of Directors</u> , American College of Mohs Surgery |
| 2012-2014 | <u>Secretary-Treasurer</u> , District 3 (City of Chicago), Chicago Medical Society |
| 2012-2013 | <u>Vice Chair</u> , Health Care Finance Committee, American Academy of Dermatology |
| 2012 | <u>Member</u> , Governing Council, Chicago Medical Society |
| 2012 | <u>Chair</u> , Long-Term Planning Committee, Chicago Medical Society |
| 2012 | <u>Alternate Delegate</u> (Chicago Medical Society, District 3) to Illinois State Medical Society House of Delegates |
| 2012 | <u>Delegate</u> , Illinois State Medical Society Annual Congress |
| 2012 | <u>Chair</u> , Section on Intense Pulsed Light, Laser Hair Removal, Vascular Laser, Tattoo Laser, Dermatologic Surgery Lexicon Task Force, American Society for Dermatologic Surgery |
| 2012-2014 | <u>Chair</u> , Annenberg Circle Dermatologic Surgery Campaign Chair, Dermatology Foundation |
| 2012 | <u>Moderator</u> , Hands-on Workshop: Tumor Excision/Wound Repair and Injectables, American Society for Dermatologic Surgery Annual Meeting, Atlanta, GA |

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| 2012 | <u>Co-Course Director</u> , Research in Cutaneous Surgery Symposium, Society for Investigative Dermatology Annual Meeting, Raleigh, North Carolina |
| 2012 | <u>Co-Moderator</u> , Coding: Up Close and Personal, American College of Mohs Surgery, Annual Meeting, Chicago, IL |
| 2012 | <u>Co-Course Director</u> , Laser Treatment of Patients of Color, American Society for Laser Medicine and Surgery, Annual Conference, Kissimmee, FL |
| 2012 | <u>Course Director</u> , Coding and Office Management, American Academy of Dermatology, Annual Meeting, San Diego, CA |
| 2011 | <u>Moderator</u> , Hands-on Workshop: Tumor Excision/Wound Repair and Injectables, American Society for Dermatologic Surgery Annual Meeting, Washington, DC |
| 2011 | <u>Co-Moderator</u> , Controversies in Dermatologic Surgery, American Society for Dermatologic Surgery, Annual Meeting, Washington, DC |
| 2010-2013 | <u>Board of Directors</u> , American Society for Dermatologic Surgery |
| 2010 | <u>Consultant</u> , General and Plastic Surgery Devices Panel, U.S. Food and Drug Administration, U.S. Department of Health and Human Services, Washington, DC |
| 2010 | <u>Moderator</u> , Coding for Mohs Surgery and Reconstruction, Annual Meeting, American College of Mohs Surgery, New York, NY |
| 2010 | <u>Physician Representative</u> (American Academy of Dermatology) to AMA Performance Measures Advisory Group, Chicago, IL |
| 2010 | <u>Co-Chair</u> , Photoimmunotherapy: Clinical, Annual Meeting SPIE, San Francisco, CA |
| 2009-2011 | <u>Steering Committee Member</u> , Procedural Dermatology Section, Association of Professors of Dermatology |
| 2009-2010 | <u>Co-Chair</u> , American Society for Dermatologic Surgery, Annual Meeting, Chicago, IL |
| 2009 | <u>Moderator</u> , Innovations in Skin Cancer Therapy: Basic Science |

- that May Change Your Clinical Practice, Annual Meeting
American Society for Dermatologic Surgery, Phoenix, AZ
- 2009 Moderator, The Best of Our Literature, Annual Meeting
American Society for Dermatologic Surgery, Phoenix, AZ
- 2009 Moderator, What's the Filler of Choice Today, Controversies and
Conversations in Cutaneous Laser and Cosmetic Surgery,
Southampton, Bermuda
- 2009 Moderator, Where Do You See Lasers and Lights Going Over the
Next Five Years? Controversies and Conversations in
Cutaneous Laser and Cosmetic Surgery, Southampton, Bermuda
- 2009 Moderator, What Will It Take for PDT to Reach Its Full Potential?
Controversies and Conversations in Cutaneous Laser and
Cosmetic Surgery, Southampton, Bermuda
- 2009 Moderator, Tromovitch Awards Session, Annual Meeting,
American College of Mohs Surgery, Austin, TX
- 2008 Moderator, Innovations in Skin Cancer Therapy Session, American
Society for Dermatologic Surgery
- 2008 Guest Editor, Cutaneous Laser Issue. Lasers in Surgery and
Medicine. American Society for Lasers in Medicine and
Surgery
- 2008 Chair, Ultrasound and Radiofrequency Technologies Session,
International Society for Dermatologic Surgery.
- 2008 Co-Chair, World Perspective on Radiofrequency and Ultrasound
Technologies, International Society for Dermatologic Surgery
- 2008 Moderator, Laboratory Technique, Pathology and Unusual
Tumors, and Reconstruction Abstract Session, American
College of Mohs Surgery
- 2007-2009 Associate Editor, Core Curriculum Task Force, American
Academy of Dermatology
- 2007-2008 Chair, Residents' Symposium, American Society for Dermatologic
Surgery
- 2007- Advisor (ASDS) to the American Medical Association-Current

Procedural Terminology Panel

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| 2006- 2011 | <u>Director</u> , Research in Cutaneous Surgery Minisymposium, Society for Investigative Dermatology |
| 2006-2009 | <u>Board of Directors</u> , Association of Academic Dermatologic Surgeons |
| 2006-2008 | <u>Chair</u> , Sulzberger Committee for Dermatologic Education, American Academy of Dermatology |
| 2006-2007 | <u>Chair</u> , Guidelines Task Force, American Society for Dermatologic Surgery |
| 2006- | <u>Chair</u> , Surgical Advisory Group, <i>Archives of Dermatology</i> |
| 2005-2006 | <u>Co-Chair</u> , Illinois Chapter of Dermatology Foundation Leaders' Society |
| 2005- | <u>Member</u> , Nonmelanoma Skin Cancer Panel, National Comprehensive Cancer Network |
| 2004-2005 | <u>Moderator</u> , What's New in Radiofrequency, 2005 Annual Meeting, American Society for Dermatologic Surgery |
| 2004-2005 | <u>Chair</u> , Nominations and Membership Committee, Sulzberger Institute for Dermatologic Education |
| 2004-2005 | <u>Director</u> , Evidence-Based Medicine Program, American Society Of Dermatologic Surgery |
| 2003-2006 | <u>President</u> , Blade and Light Society (Society for Young Cutaneous Surgeons) |
| 2003-2006 | <u>Trustee</u> , Sulzberger Institute for Dermatologic Education, American Academy of Dermatology |
| 2003-2004 | <u>Co-Director</u> , Poster Session, 2004 Annual Meeting, American Society for Laser Medicine and Surgery |

Committee Service, National Professional and Scientific Societies

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| 2021-2022 | <u>Member</u> , Ad Hoc Workgroup on Leadership Selection Process, American Academy of Dermatology |
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| 2021-2024 | <u>Member</u> , Policy Priorities Workgroup, American Society for Dermatologic Surgery |
| 2021-2023 | <u>Member</u> , Member Giving Workgroup, American Society for Dermatologic Surgery |
| 2021- | <u>Organizing Committee Member</u> , CS-COUSIN Biannual Meeting |
| 2021- | <u>Senior Member</u> , Research Agenda Committee, American College Of Mohs Surgery |
| 2020- | <u>Member</u> , Methods Group, Cochrane Skin Group Core Outcome Set Initiative (CS-COUSIN) |
| 2020- | <u>Member</u> , Collaboration Work Group, Guidelines International Network |
| 2020- | <u>Member</u> , Updating Guidelines Work Group, Guidelines International Network |
| 2018-2020 | <u>Member</u> , Laboratory Site Review Committee, American College of Mohs Surgery |
| 2018-2020 | <u>Member</u> , Rapid Response Team, American Academy of Dermatology |
| 2017-2020 | <u>Member</u> , Scientific Advisory Council, American College of Mohs Surgery |
| 2017-2019 | <u>Member</u> , Choosing Wisely Campaign, American Academy of Dermatology |
| 2017-2019 | <u>Member</u> , Resource-Based Relative Value Scale Committee (RBRVSC), American Academy of Dermatology |
| 2017-2019 | <u>Member</u> , SOP/TIA Triage Team, American Academy of Dermatology |
| 2017-2019 | <u>Member</u> , Public Policy Committee, American Society for Laser Medicine and Surgery |
| 2017-2019 | <u>Member</u> , Public Policy Committee, American College for Mohs |

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| 2016-2018 | <u>Member</u> , Skin Cancer Patient Experience Task Force, American Society for Dermatologic Surgery |
| 2016-2018 | <u>Member</u> , Academic Research Committee, Women's Dermatologic Society |
| 2016-2019 | <u>Member</u> , Audit Committee Member, Women's Dermatologic Society |
| 2016-2017 | <u>Member</u> , Task Force on RVUs for Cosmetic Procedures, American Society for Dermatologic Surgery |
| 2016-2017 | <u>Member</u> , Constitution and Bylaws Committee, American Society for Laser Medicine and Surgery |
| 2015-2016 | <u>Member</u> , Patient Access and Payer Relations Committee, American Academy of Dermatology |
| 2015- 2017 | <u>Member</u> Appropriate Use Criteria (AUC) Committee American Academy of Dermatology |
| 2012- 2017 | <u>Member</u> , Resource-Based Relative Value Scale Committee, American Academy of Dermatology |
| 2013-2015 | <u>Member</u> , Investment Task Force, American College of Mohs Surgery |
| 2013-2014 | <u>Member</u> , Nominating Committee, American Society for Laser Medicine and Surgery |
| 2013 - 2014 | <u>Member</u> , Investment Committee, American Society for Laser Medicine and Surgery |
| 2013-2014 | <u>Member</u> , Marketing and Public Relations Committee, American Society for Laser Medicine and Surgery |
| 2013-2014 | <u>Member</u> , Strategic Planning Task Force, American Society for Dermatologic Surgery |
| 2013-2014 | <u>Member</u> , Ad Hoc Task Force on Dermatology Residency Milestone Tool Development, Association of Professors of Dermatology |
| 2013-2014 | <u>Member</u> , Ad Hoc Task Force on Dysplastic Nevi, American Academy of Dermatology |

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| 2013-2015 | <u>Member</u> , OBS Use of Anesthesia/Clinical Guidelines Workgroup, American Academy of Dermatology |
| 2012-2015 | <u>Member</u> , Fellowship Training Committee, American College of Mohs Surgery |
| 2012-2015 | <u>Member</u> , Reconstructive Scale & Derm Surgery Journal Collaboration Task Force, American College of Mohs Surgery |
| 2012 -2013 | <u>Member</u> , Health Care Economics Committee, Chicago Medical Society |
| 2012-2014 | <u>Member</u> , Dermatologic Surgery Lexicon Task Force, American Society for Dermatologic Surgery |
| 2012-2013 | <u>Member</u> , Health Care Economics Committee, Chicago Medical Society |
| 2011-2012 | <u>Member</u> , Ratings Panel, Science of Human Appearance Research Awards, Dermatology Foundation |
| 2011-2012 | <u>Member</u> , Accrediting Fellowship Programs Task Force, American Society for Dermatologic Surgery |
| 2011-2013 | <u>Member</u> , Fellowship Training Committee, American College of Mohs Surgery |
| 2011-2013 | <u>Member</u> , Coding and Reimbursement Task Force, American Academy of Dermatology |
| 2009-2011 | <u>Member</u> , Body of Knowledge Task Force, American Society for Dermatologic Surgery |
| 2009-2010 | <u>Member</u> , Investment Committee, American Society for Laser Medicine and Surgery |
| 2007-2010 | <u>Member</u> , Membership Committee, Society for Investigative Dermatology |
| 2007-2009 | <u>Member</u> , Membership Task Force, American Society for Dermatologic Surgery |
| 2007-2009 | <u>Member</u> , Research Task Force, American Society for Dermatologic Surgery |

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| 2007-2008 | <u>Member</u> , Government Liaison Committee, American Society of Laser Medicine and Surgery |
| 2005-2008 | <u>Member</u> , Council on Education, American Academy of Dermatology |
| 2005-2008 | <u>Member</u> , Bylaws Committee, American Academy of Dermatology |
| 2005-2008 | <u>Member</u> , Non-Melanoma Skin Cancer Panel, National Comprehensive Cancer Network |
| 2005-2007 | <u>Member</u> , Dermasurgery Practice Implementation Team-Guidelines Work Group, American Society for Dermatologic Surgery |
| 2005-2007 | <u>Member</u> , Tromovitch Award Committee, American College of Mohs Micrographic Surgery and Cutaneous Oncology |
| 2005-2006 | <u>Member</u> , Nominating Committee, Association of Academic Dermatologic Surgeons |
| 2005-2006 | <u>Member</u> , Public Relations Committee, American Society of Mohs Micrographic Surgery and Cutaneous Oncology |
| 2005-2006 | <u>Member</u> , Safety Committee, American Society of Laser Surgery and Medicine |
| 2005-2006 | <u>Member</u> , Task Force on Leadership Mentoring, American Academy of Dermatology |
| 2005-2006 | <u>Member</u> , Task Force on Review of Self-Assessment Questions, American Academy of Dermatology |
| 2004-2007 | <u>Junior Faculty Representative</u> , Committee on Albert Kligman Fellowships, Society for Investigative Dermatology |
| 2004-2005 | <u>Member</u> , Development and Industry Liaison Committee, American Academy of Dermatology |
| 2004-2005 | <u>Member</u> , Task Force on Databases, International Transplant Skin Cancer Collaborative |
| 2003-2006 | <u>Member</u> , Research Committee. American Society for Dermatologic Surgery |

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| 2003-2006 | <u>Member</u> , Guidelines Committee, American Society for Dermatologic Surgery |
| 2003-2005 | <u>Liaison</u> (American Society for Dermatologic Surgery), Dermatology Lexicon Project |
| 2003-2004 | <u>Member</u> , Research Committee, International Transplant Skin Cancer Collaborative |
| 2003-2004 | <u>Member</u> , Nominating Committee, Sulzberger Institute for Dermatologic Education, American Academy of Dermatology |
| 2003-2004 | <u>Member</u> , Socioeconomic Affairs Committee, American Society for Laser Medicine and Surgery |
| 2002-2005 | <u>Member</u> , Post Graduate Education Committee, American Society for Dermatologic Surgery |
| 2002-2005 | <u>Member</u> , Dermatologic Surgery Module Committee, Recertification Examination, American Board of Dermatology |
| 2002-2004 | <u>Member</u> , Association of Academic Dermatologic Surgeons, Subcommittee on Laser Curricula |
| 2001-2004 | <u>Member</u> , Healthcare Industry Liaison Task Force, American Academy of Dermatology |
| 2000-2001 | <u>Member</u> , Self-Assessment Committee, American Academy of Dermatology |

Other Professional Committees

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|-----------|---|
| 2003-2005 | <u>Grants Reviewer</u> , US Army Medical Research and Material Command |
| 2002-2004 | <u>Member</u> , Skin Cancer Screening Committee, Chicago Dermatologic Society |

TEACHING

Course Directorships

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| 2021 | <u>Co-Moderator</u> , Scientific Abstract Session, American College of Mohs Surgeons, Annual Meeting |
| 2020 | <u>Panel Director</u> , Skin of Color and Energy-Based Devices, American Society for Laser Medicine and Surgery |
| 2020 | <u>Associate Course Director</u> , Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting |
| 2019 | <u>Course Director</u> , Evidence-Based Cutaneous Surgery 2019, Northwestern University, Chicago, IL |
| 2019 | <u>Moderator</u> , Opening Plenary Session, American Society for Dermatologic Surgery, Annual Meeting, Chicago, IL |
| 2018 | <u>Moderator</u> , Multidisciplinary Care of Complex Tumors, American College of Mohs Surgery, Annual Meeting, Chicago, IL |
| 2018 | <u>Director</u> , Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, Dallas, TX |
| 2018 | <u>Moderator</u> , Late Breaking Research: Procedural Dermatology, American Academy of Dermatology, Annual Meeting, San Diego, CA |
| 2018 | <u>Course Director</u> , Coding and Documentation, American Academy of Dermatology, San Diego, CA |
| 2018 | <u>Course Director</u> , Evidence-Based Cutaneous Surgery 2018, Northwestern University, Chicago, IL |
| 2018 | <u>Moderator</u> , Research in Cutaneous Surgery Symposium, Society of Investigative Dermatology, Annual Meeting, Orlando, FL |
| 2018 | <u>Associate Course Director</u> , Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Boston, MA |
| 2017 | <u>Director</u> , Facial Finesse: Advance Surgical Video's, American Society for Dermatologic Surgery, Annual Meeting, Chicago, IL |
| 2017 | <u>Moderator</u> , Clinical Pearls Abstract Session, American Collage of Mohs Surgery Annual Meeting, San Francisco, CA |
| 2017 | <u>Director</u> , Expert Treatment Approaches, American Society for Laser Medicine and Surgery Annual Conference, San Diego, CA |

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| 2017 | Director, Coding and Documentation, American Academy of Dermatology Annual Meeting, Orlando, FL |
| 2017 | Research in Cutaneous Surgery Symposium, Society of Investigative Dermatology, Annual Meeting, Portland, OR |
| 2017 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Dana Point, CA |
| 2017 | Evidence-Based Cutaneous Surgery 2017, Northwestern University, Chicago, IL |
| 2017-present | Co-Moderator, National Dermatologic Surgery Journal Club, Teleconference |
| 2016 | Moderator, Mini-MBA: Successful Practice Management and Marketing, American Society for Laser Medicine and Surgery Annual Conference, New Orleans, LA |
| 2016 | Co-Moderator, How to Author and Review Manuscripts for Publication: Lessons from the Editors and Seasoned Authors, American Collage of Mohs Surgery Annual Meeting, Orlando, FL |
| 2016 | Moderator, Clinical Pearls Abstract Session, American Collage of Mohs Surgery Annual Meeting, Orlando, FL |
| 2016 | Co-Moderator, Late-breaking Research, American Academy of Dermatology Annual Meeting, Washington, DC |
| 2016 | Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, Boston, MA |
| 2016 | Research in Cutaneous Surgery Symposium, Society of Investigative Dermatology, Annual Meeting, Scottsdale, AZ |
| 2016 | Evidence-Based Cutaneous Surgery 2016, Northwestern University, Chicago, IL |
| 2016 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Beaver Creek, CO |
| 2015 | Co-Director, International Volunteerism in Mohs Surgery, Association of Professors of Dermatology, Regional Meeting, San Francisco, CA |

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| 2015 | Director, Leadership Session, Association of Professors of Dermatology, Annual Meeting, San Antonio, TX |
| 2015 | Moderator, Scientific Abstract Session, American Society for Laser Medicine and Surgery, Annual Meeting, San Antonio, TX |
| 2015 | Director, Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, Kissimmee, FL |
| 2015 | Director, Coding and Documentation, American Academy of Dermatology Annual Meeting, San Francisco, CA |
| 2015 | Co-Director, Latest Research in Derm Surgery, Lasers, and Cosmetics, American Academy of Dermatology Annual Meeting, San Francisco, CA |
| 2015 | Co-Moderator, Late Breaking Abstracts, American Academy of Dermatology Annual Meeting, San Francisco, CA |
| 2015 | Research in Cutaneous Surgery Symposium, Society of Investigative Dermatology, Annual Meeting, Atlanta, GA |
| 2015 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Napa, CA |
| 2014 | Research in Cutaneous Surgery Symposium, Society of Investigative Dermatology, Annual Meeting, Albuquerque, NM |
| 2014 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Sun Valley, ID |
| 2014 | Moderator, Evidence Based Best Practice in Cosmetic and Dermatologic Surgery: Good to Great, American College of Mohs Surgery, Annual Meeting, Phoenix, AZ |
| 2014 | Evidence-Based Cutaneous Surgery 2014, Northwestern University, Chicago, IL |
| 2014 | Moderator, Controversies in Mohs Surgery and Oncology, American College of Mohs Surgery, Regional Meeting, Charleston, SC |
| 2013 | Co-Chair, Surgical Approaches in Ethnic Skin of Color, International Society for Dermatologic Surgery, Annual Meeting, Dubrovnik, Croatia |

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| 2013 | Moderator, Cosmetic Quick Tips, American Society Dermatologic Surgery, Annual Meeting, Chicago, IL |
| 2013 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Dana Point, CA |
| 2013 | Evidence-Based Cutaneous Surgery 2013, Northwestern University, Chicago, IL |
| 2013 | Coding and Office Management, American Academy of Dermatology, Annual Meeting, Miami Beach, FL |
| 2013 | Co-Chair, Surgical Approaches in Ethnic Skin Types, International Society for Dermatologic Surgery, Annual Meeting, Dubrovnik, Croatia |
| 2013 | Associate Director, Controversies & Conversations in Laser and Cosmetic Surgery: An Advanced Symposium, Dana Point, CA |
| 2013 | Director, Update Platform: Cosmetic and Dermatologic Surgery, American Academy of Dermatology, Summer Academy Meeting, New York, NY |
| 2013 | Co-Moderator, Noninvasive Facial Rejuvenation: Where's the Science and How Does it Apply to My Clinical Practice, Vegas Cosmetic Surgery 2013, Las Vegas, NV |
| 2013 | Co- Director, Laser Treatment of Patients of Color, American Society for Laser Medicine and Surgery, Annual Meeting, Boston, MA |
| 2013 | Co- Director, Treatment of Vascular Lesions Course, American Society for Laser Medicine and Surgery, Annual Meeting, Boston, MA |
| 2012 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Banff, CA |
| 2012 | Co- Director, Research in Cutaneous Surgery Symposium, Society for Investigative Dermatology Annual Meeting, Raleigh, North Carolina |
| 2012 | Evidence-Based Cutaneous Surgery 2012, Northwestern University, Chicago, IL |

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| 2012 | Co-Director, Laser Treatment of Patients of Color, American Society for Laser Medicine and Surgery, Annual Conference, Kissimmee, FL |
| 2012 | Coding and Office Management, American Academy of Dermatology, Annual Meeting, San Diego, CA |
| 2012 | Acne Treatment Luncheon, Annual Meeting, American Society for Laser Medicine and Surgery, Grapevine, TX |
| 2011 | Associate Course Director, Controversies and Conversations in Laser and Cosmetic Surgery, Annual Meeting, Asheville, NC |
| 2011 | Evidence-Based Cutaneous Surgery 2011, Northwestern University, Chicago, IL |
| 2011 | Photography, Treatment Documentation and Oversight Course, American Society for Laser Medicine and Surgery, Grapevine, TX |
| 2011 | Coding and Office Management, Annual Meeting, American Academy of Dermatology, New Orleans, LA |
| 2010 | Evidence-Based Cutaneous Surgery 2010, Northwestern University, Chicago, IL |
| 2010 | What's Hot and What's Not: Surgery, American Academy of Dermatology, Summer Meeting, Chicago, IL |
| 2010 | Lasers in Patients with Skin of Color, American Society for Laser Medicine and Surgery, Annual Meeting, Phoenix, AZ |
| 2009 | Evidence-Based Cutaneous Surgery 2009, Northwestern University, Chicago, IL |
| 2009 | Review of the First US Face Transplant, A Resident and Faculty Symposium, Chicago, IL |
| 2009 | Basal Cell Nevus Syndrome Midwest Patient Symposium, Prentice Women's Hospital, Chicago, IL |
| 2009 | Associate Director, Controversies and Conversations in Laser and Cosmetic Surgery, Southampton, Bermuda |

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| 2008-2010 | Evidence-Based Procedural Dermatology, American Academy of Dermatology, Annual Meeting |
| 2008 | Co-Director, Controversies and Conversations in Laser and Cosmetic Surgery, Whistler, BC, Canada |
| 2007-2008 | Live Surgery Session, American Society for Dermatologic Surgery |
| 2007-2008 | Art and Science of Fillers and Injectables Course, American Society for Dermatologic Surgery |
| 2007- | Co-Moderator, Practical Approaches to Patient Problems, American Academy of Dermatology, Summer Meeting |
| 2007- | Chemical Peels Interactive Session, American Society for Dermatologic Surgery, Annual Meeting |
| 2006- | Co-Moderator of Surgery Session, Practical Approaches to Patient Problems Course, American Academy of Dermatology |
| 2005- | Vascular Lesions: An Interactive, Experiential Session, American Academy of Dermatology, Summer Meeting |
| 2003-present | “Cutaneous Surgery Research Elective” for medical students (1-3 months) |

Formal Mentoring (Extra-Institutional)

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| 2020- | Designated External Faculty Mentor Yakir Levin, MD, Harvard Medical School |
| 2010-2011 | Faculty Advisor, Dermatology Group, NUvention Interdisciplinary Invention Program, Northwestern University |
| 2010- | Women’s Dermatologic Society |
| 2009- | American Society for Dermatologic Surgery Navid Bouzari, MD (2009) Sherrif Ibrahim, MD (2010) Burt Steffes (2013-2014) Catherine DiGiorgio, MD (2018-2019) |

2009- American Academy of Dermatology
Edit Olsaz, MD (2009-2010)
Jerry Brewer, MD (2012-2013)
Gloria Xu (2013-2014)
Vineet Mishra (2016-2017)

Supervision

Medical Students (Research)

| | |
|-----------|---|
| 2021-2022 | Rachel Christensen McKenzie Dirr Noor Anvery Bianca Kang Sarah Ibrahim Sagar Vallabh |
| 2020-2021 | Sarah A. Ibrahim Katherine Lin Ketan Jain-Poster Vishnu Harikumar Bianca Y. Kang Katie Perlman Clarissa Wong Ellen Wu Morgan Nguyen Eman Hajib |
| 2019-2020 | Sarah Ibrahim Kelly Reynolds Katherine Lin Ketan Jain-Poster Torai Vaidya Cici Zhou Vishnu Harikumar |
| 2018-2019 | Sarah Ibrahim Kelly Reynolds Ryan L. Kelm Abdullah Memon Amanda Maisel Katherine Lin Alexander Xiao Daniel Schlessinger |
| 2017-2018 | Kaitlyn Sacotte Jake Lazaroff Daniel Schlessinger Arianna Yanes Alexander Xiao Katherine Lin |

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| | Amanda Maisel |
| 2016-2017 | Kaitlyn Sacotte Jake Lazaroff Daniel Schlessinger Arianna Yanes Alexander Xiao Katherine Lin Amanda Maisel |
| 2015-2016 | Brian Chen Sarah Chiren Jake Lazaroff Sara Synder Phillips Kaitlyn Sacotte Ryan Sacotte Daniel Schlessinger Arianna Yanes Alice Ye |
| 2014-2015 | Brian Chen Sanjana Iyengar Esther Moon Parth Patel Yaqoob Qaseem Daniel Schlessinger Ramya Tripuraneni Sara Synder Phillips Jelena Vasic Amulya Yalamanchili Arianna Yanes Alex Zha |
| 2013-2014 | Imran Aslam Saaquib Bakhsh Brian Chen Amita Goyal Divya Sadhwani Daniel Schlessinger Jelena Vasic Antonio Velez Adam Whittington |
| 2012-2013 | Amita Goyal Paul Hoesly |

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| | Kevin Shih Divya Sadhwani Imran Aslam Antonio Velez Sana Ali Karishma Panchal Mutahir Rauf Daniel Schlessinger |
| 2011-2012 | Giselle Rodriguez Andy Lee Kevin Shih Amelia Geisler Rosalind Sandell |
| 2010-2011 | Khang Nguyen Purnima Chennamaneni Rohit Kakar Omer Ibrahim Jennifer Sawaya Vishal Patel Christina Kranc Alexander Means Nitasha Gupta |
| 2009-2010 | Shivani Nanda Shirin Bajaj Aditi Vyas Jennifer Wang |
| 2008-2009 | Anjali Shah Elizabeth Fahrenbach Ashley Keyes Megan Pirigyi Renata Trela Samreen Choudhry Kyle Anderson |
| 2007-2008 | Mahesh Polavarapu Neha Shah Julie Kim |
| 2006-2007 | David DiBardino Jessica Newman Jillian Havey |

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| 2005-2006 | Susan Leu Stephanie Liu Rashid Rashid Samir Kakodkar |
| 2004-2005 | Ray Hah Beth Adams Diana Leu |
| 2003-2004 | Ania Ringwelski Zebadiah Kimmel |

Resident Advisees

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| 2021-2022 | Alvin Li, MD |
| 2020-2021 | Derek Hsu, MD Jessica Labadie, MD Emily Merkel, MD |
| 2019-2020 | Derek Hsu, MD Jessica Labadie, MD Emily Merkel, MD |
| 2018-2019 | Joshua L. Owen, MD Brandon Worley, MD Nour Kibbi, MD |
| 2017-2018 | Joshua L. Owen, MD Sreya Talasila, MD |
| 2016-2017 | Michael Pelster, MD Sreya Talasila, MD |
| 2015-2016 | Brienne Cressey, MD Victoria Godinez Puig, MD Michael Pelster, MD Steven Xu, MD |
| 2014-2015 | Sogyong Auh, MD Melanie Clark, MD Michael Pelster, MD Lara Rosenbaum, MD Jennifer Tang, MD |

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| | 2011-2012 | Anne Goldsberry, MD Julia (Loebat) Kamalpour, MD |
| | 2010-2011 | Sandra Han, MD |
| | 2009-2010 | Susan Boone, MD Elizabeth Grossman, MD |
| | 2008-2009 | Diane Leu, MD David Reid, MD |
| | 2007-2008 | James Collyer, MD |
| | 2006-2007 | Angeli Krishnan, MD Shadi Zari, MD |
| | 2005-2006 | Ross Levy, MD |
| | 2004-2005 | Kim Nussbaum, MD |
| | 2002-2004 | William Posten, MD |
| | 2001-2002 | Seema Doshi, MD Sunil Chilikuri, MD |
| Research Fellows | 2018-2019 | Eran C. Gwillim, MD |
| | 2017-2018 | Benedict C. Wu, MD |
| | 2015-2016 | Erin Ibler, MD |
| | 2014-2015 | Amanda Champlain, MD |
| | 2013-2014 | Josh Hammel, MD |
| | 2012-2013 | Rosemara Hughart, MD |
| | 2011-2012 | Sonia Shah, BA |
| | 2011-2012 | Jaimee Holbrook, MD |
| | 2010-2011 | Natalie Pace, BS |
| | 2008-2010 | Natalie Kim, BS |
| | 2007-2008 | Jillian Havey, BS |
| | 2003-2004 | Jamshaid Anwar, MD |
| | 2002-2003 | Sirunya Silapunt, MD |
| Research Staff | 2019-2020 | Cheryl Hoi Ting Wan |
| | 2019-2020 | Rachael Winner |
| | 2018-2019 | Matthew Rapcan |
| | 2018-2019 | Sabina Raja |
| | 2014-2019 | Alexandra Weil |

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| | 2012-2016 | Emily Poon Samuelson, PhD | |
| | 2016-2017 | Sanjana Iyengar, MD | |
| | 2014-2016 | Matthew Ryan Schaffer | |
| | 2012 -2014 | Michael Nodzenski | |
| | 2012-2015 | Amelia Geisler | |
| | 2001-2002 | Maya Goldberg, BA, BS (Medical Illustrator) | |
| Procedural Fellows | 2020-2022 | Ming H. Lee, MD | |
| | 2019-2021 | Sarah A. Wilson, MD | |
| | 2019-2020 | Brandon Worley, MD | |
| | 2018-2019 | Rachel Kylo, MD | |
| | 2017-2018 | Farhaad Riyaz, MD | |
| | 2016-2017 | Brian Petersen, MD | |
| | 2015-2016 | Abigail Waldman, MD | |
| | 2014-2015 | Meghan Dubina, MD | |
| | 2013-2014 | Kira Minkis, MD, PhD | |
| | 2012-2013 | Kapila Paghdal, MD | |
| | 2011-2012 | Melanie Warycha, MD | |
| | 2010-2011 | Diana Bolotin, MD, PhD | |
| | 2009-2010 | Misbah Khan, MD | |
| | 2008-2009 | Douglas Fife, MD | |
| | 2007-2008 | Anjali Butani, MD | |
| | 2006-2007 | Lucile E. White, MD | |
| Research Faculty | 2005-present | Simon Yoo, MD | (Dermatologic Surgeon) |
| | 2016-present | Emily Poon Samuelson, PhD | (Research Assistant Prof.) |
| | 2014-2015 | Wanjarus Roonplsuthpong, MD | (Visiting Scholar) |
| | 2011-2012 | Nataya Voravutinon, MD | (Visiting Scholar) |
| | 2010-2011 | Wareeporn Dhisapanurat | (Visiting Scholar) |
| | 2008-2010 | Marisa Pongprutthipan, MD | (Visiting Scholar) |
| | 2002-2004 | David A. Wrone, MD | (Dermatologic Surgeon) |

Lectures to Dermatology Residents

1. August 23, 2002 Surgical Complications. Dermatology Residents, Northwestern University School of Medicine.
2. September 25, 2002 Surgical Journal Club I- Evidence Based Medicine, Dermatology Residents, Northwestern University School of Medicine.
3. October 18, 2002 Basic Flap Design. Dermatology Residents, Northwestern University School of Medicine, October 18, 2002.
4. November 6, 2002 Pigs Foot Session-Flap Design. Dermatology Residents, Northwestern University School of Medicine, November 6, 2002.
5. November 25, 2002 Surgical Journal Club II – Evidence Based Medicine, Dermatology Residents, Northwestern University School of Medicine.
6. December 27, 2002 How to Use Botulinum Toxin A for Dermatologic Indications. Dermatology Residents, Northwestern University School of Medicine.
7. January 16, 2003 Immunohistochemical Markers for Differentiating Keratoacanthoma from Cutaneous Squamous Cell Carcinoma. Dermatology Residents, Northwestern University School of Medicine.
8. February 20, 2003 Introduction to Lasers. Dermatology Residents, Northwestern University School of Medicine.
9. April 6, 2003 Surgical Journal Club III – Evidence Based Medicine, Dermatology Residents, Northwestern University School of Medicine.
10. May 22, 2003 Surgical Journal Club IV – Evidence Based Medicine, Dermatology Residents, Northwestern University School of Medicine.
11. June 12, 2003 Nonablative Therapy Using Lasers, Light, and Other Devices: Dermatology Residents, Northwestern University School of Medicine.

12. July 10, 2003 Introduction to Surgery: Sterility, Instrument Selection, and Basic Technique. Dermatology Residents, Northwestern University School of Medicine.
13. August 22, 2003 Practical Session in Cosmetic Procedures. Botulinum Toxin, Injectable Collagen, and Intense Pulsed Light. Dermatology Residents, Northwestern University School of Medicine.
14. November 14, 2003 Surgically Relevant Basic Head and Neck Anatomy. Dermatology Residents, Northwestern University School of Medicine.
15. July 8, 2004 Surgical Complications. Dermatology Residents, Northwestern University School of Medicine.
16. March 1, 2005 Introduction to the Practical Use of Lasers and Light Sources. Dermatology Residents, Northwestern University School of Medicine.
17. July 8, 2005 Use of Surgical Instruments and Safety in Cutaneous Surgery, Dermatology Residents, Northwestern University School of Medicine.
18. July 15, 2005 Pigs Foot Session in Basic Suturing Techniques, Dermatology Residents, Northwestern University School of Medicine.
19. January 15, 2009 Nonablative Skin Tightening, Dermatology Residents, Northwestern University School of Medicine
20. July 10, 2009 Introduction to Dermatologic Surgery: Instruments, Safety and Technique, Dermatology Residents, Northwestern University School of Medicine.
21. September 16, 2009 Practicum Session: Injection OnabotulinumtoxinA and Hyaluronic Acid Fillers. Dermatology Residents, Northwestern University School of Medicine.
22. January 21, 2010 Closing Defects After Cancer Surgery: Advancement, Rotation, and Transposition Flaps, Northwestern University School of Medicine.
23. May 19, 2010 Practicum Session: Injection AbobotulinumtoxinA and Hyaluronic Acid Fillers. Dermatology Residents, Northwestern University School of Medicine.

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| 24. June 1, 2010 | Management of difficult tumors/transplant SCC talk. Dermatology Residents, Northwestern University School of Medicine. |
| 25. July 29, 2010 | Ellipses and Layered Closures. Dermatology Residents, Northwestern University School of Medicine. |
| 26. November 17, 2010 | Resident Procedural Session. Dermatology Residents, Northwestern University School of Medicine. |
| 27. December 9, 2010 | Intro to Fillers. Dermatology Residents, Northwestern University School of Medicine. |
| 28. January 20, 2011 | Flaps I. Dermatology Residents, Northwestern University School of Medicine. |
| 29. January 27, 2011 | Flaps II. Dermatology Residents, Northwestern University School of Medicine. |
| 30. March 15, 2013 | Flaps. Dermatology Residents, Northwestern University School of Medicine. |
| 31. May 29, 2014 | Rare Non-Melanoma Tumors, University of California, Resident Didactic Session, San Diego, CA |

Lectures to Medical Students

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| 1. April 18, 2003 | Typical Case Presentations: Blistering Disorders. 2 nd Year Medical Student Discussion Group, Northwestern University School of Medicine. |
| 2. April 15, 2004 | Photobiology and Cutaneous Oncology. 2 nd Year Medical Student Course in Dermatology. Northwestern University School of Medicine. |
| 3. April 22, 2005 | Cutaneous Oncology of Nonmelanoma Skin Cancer. 2 nd Year Medical Student Course in Dermatology. Northwestern University School of Medicine. |

Professional Lectures by Invitation

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| 1. March 9, 2000 | Psychological Correlates in Patients with Nail Dystrophies. Council for Nail Disorders, Annual Meeting. San Francisco, CA. |
| 2. October 17, 2000 | Laser Treatment of Scars, Striae, and Warts. In: Current Concepts in |

Cutaneous Laser Surgery. Department of Dermatology, Beth Israel Deaconess Medical Center, Harvard Medical School.

3. April 21, 2001 Commercial Feasibility of 308-nm Excimer Laser for Psoriasis. American Society for Laser Medicine and Surgery, Annual Meeting. New Orleans, LA.
4. October 26, 2001 Management of Pain Associated with Injection of Botulinum A Exotoxin. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery and Cutaneous Oncology, Combined Annual Meeting. Dallas, TX.
5. February 25, 2002 Lasers and Light Sources for Treatment of Vascular Lesions. American Academy of Dermatology, Annual Meeting, New Orleans, LA.
6. April 5, 2002 Botulinum A Exotoxin: Where Not to Inject. Grand Rounds. Department of Dermatology, Johns Hopkins University, April 5, 2002.
7. April 8, 2002 How to Inject Collagen and Other Soft-Tissue Augmentation Materials. Grand Rounds, Department of Dermatology, Georgetown University School of Medicine, April 8, 2002.
8. April 12, 2002 Treatment of Fresh Surgical Scars with Pulsed Dye Laser. American Society of Laser Medicine and Surgery, Annual Meeting, Atlanta, GA.
9. May 21, 2002 Basic Flap Reconstruction. Combined Baylor School of Medicine University of Texas at Houston Dermatology Lecture Series.
10. October 31, 2002 Technique for Limited Breast Reduction by Liposuction Alone. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, Chicago, IL.
11. November 1, 2002 Systematic Measurement of Patient Satisfaction and Psychologic Well-Being after Cosmetic Dermatologic Surgery. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, Chicago, IL.
12. November 2, 2002 Relative Importance of Factors Contributing to Delayed Diagnosis and Treatment of Nonmelanoma Skin Cancer. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, Chicago, IL.
13. November 3, 2002 Horizontal Advancement Flap for Small to Medium Sized Defects of the Lateral Nasal Supratip. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual

Meeting, Chicago, IL.

14. December 7, 2002 Controversies and Advances in Nonablative Laser Therapy. American Society of Cosmetic Dermatology and Aesthetic Surgery, Annual Meeting, Las Vegas, CA.
15. February 7, 2003 Anatomic and Functional Effects of Botulinum Toxin Injection of the Face. Cook County Department of Dermatology, Chicago, IL.
16. March 21, 2003 Cutaneous Surgery in Elderly Patients. American Academy of Dermatology, Annual Meeting. San Francisco, CA.
17. April 12, 2003 Utility of Different Lasers for Treatment of Facial Acne. American Society for Laser Medicine and Surgery, Annual Meeting, Anaheim, CA.
18. June 7, 2003 Junior Faculty Experiences in Dermatologic Surgery. Society for Investigative Dermatology, Annual Retreat. Washington, DC.
19. July 27, 2003 Clinical Research in Dermatologic Surgery. American Academy of Dermatology, Summer Meeting, Chicago, IL.
20. July 27, 2003 Practical Use of Botulinum Toxin for Cosmetic Use. American Academy of Dermatology, Summer Meeting, Chicago, IL.
21. August 15, 2003 Liposuction: Minimizing Complications and Maximizing Efficacy. Ohio State University Department of Dermatology, Columbus, OH.
22. October 9, 2003 Botulinum A Exotoxin for Aesthetic Improvement of Surgical Scars. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, New Orleans, LA.
23. October 10, 2003 Aesthetic Appearance of Surgical Scars Closed with Different Suture Techniques. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, New Orleans, LA.
24. October 11, 2003 Efficacy of Anesthetic for Radiofrequency Resurfacing. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, New Orleans, LA.
25. October 12, 2003 Risk-Benefit Profiles of Novel Soft-Tissue Augmentation Materials. American Society for Dermatologic Surgery-American College for Mohs

Micrographic Surgery, Combined Annual Meeting, New Orleans, LA.

26. October 12, 2003 Efficacy of Extremely Small Surgical Margins During Mohs of Facial Basal Cell Carcinoma. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, New Orleans, LA.
27. February 5, 2004 Classification of Factitial Disorders in Dermatology and Dermatologic Surgery. Association for Psychocutaneous Medicine of North America, Annual Meeting.
28. February 6, 2004 Psychologic Issues in Cosmetic and Oncologic Dermatologic Surgery. American Academy of Dermatology, Annual Meeting, Washington, DC.
29. February 9, 2004 Scalp Reconstruction. American Academy of Dermatology, Annual Meeting, Washington, DC.
30. April 3, 2004 Lower Level Laser and Light Therapy for Wound Healing. American Society for Laser Medicine and Surgery, Annual Meeting, Dallas, TX.
31. April 4, 2004 Efficacy of 1320 nm Nd:YAG Laser for Rhytid Reduction. American Society for Laser Medicine and Surgery, Annual Meeting, Dallas, TX.
32. May 14, 2004 Injectable Bovine and Human Collagen. Cosmetic Dermatology Seminar. Orlando, FL.
33. May 14, 2004 Fillers: Past, Present and Future. Cosmetic Dermatology Seminar. Orlando, FL.
34. June 2, 2004 Evidence-Based Dermatologic Surgery. Grand Rounds. Department of Dermatology, Northwestern University, Chicago, IL.
35. June 4, 2004 Geriatric Dermatology. Buehler Center on Aging, Chicago, IL.
36. July 29, 2004 Treatment of Actinic Keratosis. American Academy of Dermatology, Summer Meeting, New York, NY.
37. August 15, 2004 Emerging Laser and Light Therapies for Treatment of Scars. Controversies and Conversations in Cutaneous Laser Therapy, Annual Meeting. Montreal, CANADA.
38. August 18, 2004 Patterns of Incidence of Cutaneous Squamous Cell Carcinoma in Solid Organ Transplant Patients. Cardiac Transplant Research Database Symposium. University of Alabama at Birmingham.

39. August 20, 2004 Human-Based Collagen: A Historical Milestone. Art and Science of Dermal Fillers and Injectables. American Society for Dermatologic Surgery, Chicago, IL
40. August 20, 2004 Soft-Tissue Augmentation with Injectable Calcium Hydroxylapatite (Radiesse). American Society for Dermatologic Surgery. Chicago, IL.
41. August 21, 2004 Pain Control when Using Injectable Fillers. American Society for Dermatologic Surgery. Chicago, IL.
42. August 21, 2004 Injectables: Managing Patient Expectations. American Society for Dermatologic Surgery. Chicago, IL.
43. September 11, 2004 Incentives for Careers in Academic Dermatology. Association of Professors of Dermatology, Annual Meeting, Chicago, IL.
44. September 30, 2004 Suturing and Repair Techniques Preferred by Dermatologic Surgeons: A Survey Study. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.
45. October 1, 2004 Treatment of Superficial Basal Cell Carcinoma with 595 nm Pulsed-Dye Laser: A Clinical and Histopathologic Study. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.
46. October 1, 2004 Efficacy of Silver-Mesh Dressings for Treatment of Granulating Surgical Wounds of the Lower Extremities: An Open-Label Study. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.
47. October 1, 2004 Suturing and Repair Techniques Preferred by Dermatologic Surgeons: A Survey Study. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.
48. October 1, 2004 Introduction to the Hierarchy of Evidence. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.
49. October 1, 2004 Treatment of Rare and Uncommon Nonmelanoma Primary Cutaneous Malignancies by Mohs Micrographic Surgery: A Comprehensive Evidence-Based Review. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.

50. October 2, 2004 Fat Augmentation from Adult Stem-Cell Derived Adipose Tissue: A Pilot Study. American Society for Dermatologic Surgery-American College for Mohs Micrographic Surgery, Combined Annual Meeting, San Diego, CA.
50. November 5, 2004 Incidence and Outcomes of Skin Cancer in Cardiac Transplant Recipients: 15-Year Experience with 4953 Hearts Monitored Via the Cardiac Transplant. Annual Meeting of the Cardiac Transplant Research Database, New Orleans, LA.
51. November 11, 2004 Treatment of Surgical Scars. Chicago Dermatologic Surgery Symposium. University of Illinois at Chicago Medical Center, Chicago, IL.
52. December 1, 2004 Bench to Bedside: Topical Steroids, Glucocorticoid Receptors and Therapy for Catastrophic Basal Cell Carcinomatosis. Grand Rounds, Department of Dermatology, Northwestern University, Chicago, IL.
53. January 20, 2005 Use of Modern Soft-Tissue Augmentation Materials. Grand Rounds, Department of Internal Medicine, University of Kansas Medical School, Kansas City, KA.
54. February 17, 2005 Quality of Life in Patients with Nonmelanoma Skin Cancer. Association for Psychocutaneous Medicine of North America, Annual Meeting, New Orleans, LA.
55. February 18, 2005 Academic Cutaneous Surgery: A Rapidly Evolving Field. American Academy of Dermatology, Annual Meeting, New Orleans, LA.
56. February 19, 2005 Use of Botulinum Toxin for Headaches and Pain. American Academy of Dermatology, Annual Meeting, New Orleans, LA.
57. February 19, 2005 Cosmetic Dermatology: Making a Career Choice. American Academy of Dermatology, Annual Meeting, New Orleans, LA.
58. February 22, 2005 Difficult Wound Closures. American Academy of Dermatology, Annual Meeting, New Orleans, LA.
59. April 1, 2005 Effect of Non-Ablative Radiofrequency Treatment on Skin Previously Injected with Soft-Tissue Augmentation Material. American Society of Laser Medicine and Surgery, Annual Meeting, Orlando, FL.
60. April 7, 2005 Cutaneous Malignancies after Cardiac Transplantation—Risk Factors and Effects on Later Survival. American Society of Heart and Lung Transplantation, Annual Meeting, Philadelphia, PA.
61. April 18, 2005 Advanced Flap Reconstruction After Mohs Surgery. 1st International Course on Mohs Micrographic Surgery. Santiago, Chile.

62. April 20, 2005 Tumescant Anesthesia in Dermatologic Surgery. 1st International Course on Mohs Micrographic Surgery. Santiago, Chile.
63. May 19, 2005 Advances in Surgical Technique. Refinements in Reconstruction Cadaver Course, American Society of Dermatologic Surgery, Palo Alto, CA.
64. May 20, 2005 Mastering the Transposition Flap, The Next Step II Course in Dermatologic Surgery, Stanford University, Palo Alto, CA.
65. May 20, 2005 Managing Laser Complications. The Next Step II Course in Dermatologic Surgery, Stanford University, Palo Alto, CA.
66. July 26, 2005 Facial Rejuvenation. Dermatologic Nurse's Association, Summer Meeting, Chicago, IL.
67. July 27, 2005 Surgical Management of Lentigo Maligna. American Academy of Dermatology, Summer Meeting, Chicago IL.
68. July 27, 2005 Treatment of Vascular Lesions, American Academy of Dermatology, Summer Meeting, Chicago, IL.
69. July 27, 2005 Innovations in Dermatologic Surgery: Laser and Light Devices. American Academy of Dermatology, Summer Meeting, Chicago, IL.
70. July 27, 2005 Oral Retinoids for the Treatment of Nonmelanoma Skin Cancer. American Academy of Dermatology, Summer Meeting, Chicago, IL.
71. July 30, 2005 Photodynamic Therapy for Acne and Photoaging: An Evidence-Based Analysis. American Academy of Dermatology, Summer Meeting, Chicago, IL.
72. July 30, 2005 The Aesthetic Ideal and the Aging Face. American Academy of Dermatology, Summer Meeting, Chicago, IL.
73. August 13, 2005 So Many Fillers—How to Choose? Controversies and Conversations in Cutaneous Laser and Cosmetic Surgery, Annual Meeting, Colorado Springs, CO.
74. October 1, 2005 Training Non-Dermatologists in Dermatologic Surgery, Association of Academic Dermatologic Surgeons, Annual Meeting, Chicago, IL.
75. October 16, 2005 The Aesthetic Ideal. East Coast Dermatology Seminar. Baltimore, MD
76. October 16, 2005 Nonsurgical Lifting and Tightening of the Face. East Coast Dermatology Seminar, Baltimore, MD

77. October 27, 2006 Incidence of Skin Cancer After Cardiac Transplantation: 10-Year Experience of the Cardiac Transplant Research Database. International Transplant Skin Cancer Collaborative, Annual Meeting.
77. October 27, 2005 Safety of Radiofrequency Treatment on Skin Previously Injected with Filler Materials. American Society for Dermatologic Surgery, Annual Meeting, Atlanta, GA.
78. October 28, 2005 Technique for Injection of Nasolabial Folds with Calcium Hydroxylapatite: Safety and Efficacy in a Prospective Study of 20 Patients. American Society for Dermatologic Surgery, Annual Meeting, Atlanta, GA.
79. October 28, 2005 Association of Number of Mohs Stages with Tumor Type and Anatomic Location: A Prospective Study of 10 Surgeons' Case Logs. American Society for Dermatologic Surgery, Annual Meeting, Atlanta, GA.
80. March 2, 2006 Hypnosis as Adjuvant Anesthesia in Mohs Surgery, Association of Psychocutaneous Medicine of North America, Annual Meeting, San Francisco, CA.
81. March 2, 2006 Lasers and Light Sources, Dermatology Nurses' Association, Annual Meeting, San Francisco, CA.
82. March 3, 2006 Off-Label Use of Calcium Hydroxylapatite for Facial Augmentation, American Academy of Dermatology, Annual Meeting, San Francisco, CA.
83. March 4, 2006 When Bad Things Happen to Good Surgeons: Vascular, Pigment, and Hair Lasers, American Academy of Dermatology, Annual Meeting, San Francisco, CA.
84. March 6, 2006 Resident Colloquium: Careers in Cosmetic Dermatology, American Academy of Dermatology, Annual Meeting, San Francisco, CA.
85. April 7, 2006 Open-Label Paired Comparison of Pulsed-Dye Laser for Nail Psoriasis, American Society of Laser Medicine and Surgery, Annual Meeting, Boston, MA.
86. April 7, 2006 Treatment of Fresh Surgical Scars with Portable Light-Emitting Diodes: A Blinded Randomized Controlled Trial, American Society of Laser Medicine and Surgery, Annual Meeting, Boston, MA.
87. April 28, 2006 Cost-Effectiveness of Optimal Skin Cancer Screening Intervals for

Patients Following Solid Organ Transplantation, American College of Mohs Micrographic Surgery and Cutaneous Oncology, Annual Meeting, Scottsdale, AZ.

88. April 28, 2006 Topical 4% Aminocaproic Acid for Postoperative Hemostasis of Cutaneous Wounds, American College of Mohs Micrographic Surgery and Cutaneous Oncology, Annual Meeting, Scottsdale, AZ.
89. April 29, 2006 Surgical Management of Animal-Type Melanoma, American College of Mohs Micrographic Surgery and Cutaneous Oncology, Annual Meeting, Scottsdale, AZ.
90. April 29, 2006 Indications and Technique for Using Injectable Poly-L-Lactic Acid, American College of Mohs Micrographic Surgery and Cutaneous Oncology, Annual Meeting, Scottsdale, AZ.
91. April 30, 2006 Nonablative Skin Remodeling for the Mohs Surgeon, American College of Mohs Micrographic Surgery and Cutaneous Oncology, Annual Meeting, Scottsdale, AZ.
92. June 2, 2006 The Sulzberger Institute for Dermatologic Education: Preparing for the Future, Council of Education Strategic Planning Meeting, American Academy of Dermatology, Hilton Head, NC.
93. July 27, 2006 New Approaches to the Treatment of Vascular Lesions. American Academy of Dermatology, Summer Meeting, San Diego, CA.
94. July 29, 2006 Evidence-based Treatment and Guidelines of Care for Cutaneous Squamous Cell Carcinoma. American Academy of Dermatology, Summer Meeting, San Diego, CA.
95. August 12, 2006 Home Use of Lasers and Light Sources for Dermatologic Indications: How Will It Change the Practice of Medicine. Controversies and Conversations in Cutaneous Laser and Cosmetic Surgery, Annual Meeting, Carlsbad, CA.
96. August 25-26, 2006 Co-Moderator on Dermatologic Surgery Question Sessions, Practical Approaches to Patient Problems in Dermatology Course, American Academy of Dermatology, Chicago, IL.
97. September 30, 2006 How I Teach Nail Surgery, Association of Academic Dermatologic Surgeons, Annual Meeting, Chicago, IL.
98. October 10, 2006 Simultaneous Multiple Pulse Widths for Coagulation of Vascular

Malformations. American College of Surgeons, Annual Meeting, Chicago, IL.

99. October 19, 2006 Epidermal Skin Cancers, Society for Investigative Dermatology, Basics of Skin: Pharmaceutics and Pharmacology Course, San Diego, CA.
100. October 26, 2006 How To Organize Your Practice in an Academic Setting, American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
101. October 26, 2006 What, If Any Antibiotics, Would You Give This Patient with Ear Basal Cell Carcinoma. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
102. October 27, 2006 Efficacy of Silver Mesh Dressings for Treatment of Granulating Surgical Wounds: A Prospective, Controlled Study, American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
103. October 27, 2006 Rapidly Growing Atypical Mycobacterial Infection Following Cutaneous Surgery: Implications for Early Diagnosis and Treatment. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
104. October 28, 2006 Topical Application of Vitamin K, Vitamin K and Retinol, and Arnica to Treat Post-Laser Bruising. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
105. October 29, 2006 Dose Finding: The Power in the Details. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
106. October 29, 2006 Correction of Pre-Jowl Sulcus by Injection of Calcium Hydroxylapatite. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
107. October 29, 2006 Treatment of Sebaceous Hyperplasia: A Split-Face Study. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
108. October 29, 2006 Comparison of Electrodesiccation, KTP Laser, and Pulsed-Dye Laser for Treatment of Cherry Angiomata: A Rater-Blinded Randomized Controlled Trial. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.
109. October 29, 2006 Reduction in Facial Post Treatment Erythema and Edema Following Visible Light Laser Surgery: Bulk Ice Cooling vs. Systemic Corticosteroids. American Society for Dermatologic Surgery, Annual Meeting, Palm Desert, CA.

109. December 10, 2006 Dressings and Postoperative Care. International Academy of Cosmetic Dermatology, World Congress, Melbourne, Australia.
110. December 12, 2006 Filling Agents: Radiesse. International Academy of Cosmetic Dermatology, World Congress, Melbourne, Australia.
111. December 12, 2006 Tissue Tightening with Laser and Radiofrequency. International Academy of Cosmetic Dermatology, World Congress, Melbourne, Australia.
112. December 12, 2006 Evidence Based Aesthetic Medicine: Introduction to the Critical Appraisal of Common Aesthetic Procedures. International Academy of Cosmetic Dermatology, World Congress, Melbourne, Australia.
113. December 13, 2006 Cosmetic Surgery in Asians. International Academy of Cosmetic Dermatology, World Congress, Melbourne, Australia.
114. February 1, 2007 Why Patients Want a Cream When Laser is Better: Preliminary Preference Data from Patient Interviews. Association of Psychocutaneous Medicine of North America, Annual Meeting, Washington, DC.
115. February 3, 2007 Hair Removal in Hirsute Patients with Polycystic Ovarian Syndrome. American Academy of Dermatology, Annual Meeting, Washington, DC.
116. February 5, 2007 Laser and Light Sources for Photorejuvenation in Asian Patients. American Academy of Dermatology, Annual Meeting, Washington, DC.
117. March 23, 2007 Introduction to Fillers, Art and Science of Fillers and Injectables, American Society for Dermatologic Surgery, Chicago, IL.
118. March 24, 2007 What's Coming Down the Road in Fillers, Art and Science of Fillers and Injectables, American Society for Dermatologic Surgery, Chicago, IL.
119. March 25, 2007 Novel Applications for Calcium Hydroxylapatite, Art and Science of Fillers and Injectables, American Society for Dermatologic Surgery, Chicago, IL.
120. April 12, 2007 Efficacy of Light Emitting Diodes for Treatment of Androgenetic Alopecia. American Society for Laser Medicine and Surgery, Annual Meeting, Grapevine, TX.
121. April 13, 2007 Safety and Efficacy of Transcutaneous Ultrasound for Forehead, Cheek, and Neck Tissue Tightening, American Society for Laser Medicine and Surgery, Annual Meeting, Grapevine, TX.
122. April 14, 2007 Comparative Efficacy of Ambient Light and Intense-Pulsed Light for

Activation of Topical 5-Aminolevulinic Acid During Treatment of Actinic Keratoses, American Society for Laser Medicine and Surgery, Annual Meeting, Grapevine, TX.

123. April 19, 2007 Surgical Technique, Sixth National Conference of Cosmetic Dermatology and Dermatologic Surgery, Bucharest, Romania.
124. April 19, 2007 The Transposition Flap, Sixth National Conference of Cosmetic Dermatology and Dermatologic Surgery, Bucharest, Romania.
125. April 20, 2007 Scar Revision, Sixth National Conference of Cosmetic Dermatology and Dermatologic Surgery, Bucharest, Romania.
126. April 26, 2007 Fill Her Up, Please! Calcium Hydroxylapatite Gel. 22nd Annual Dermatology Update, New Orleans, LA.
127. May 4, 2007 Health-Related Quality of Life and Utilities in Patients with Chronic Nonmelanoma Skin Cancer: A Multispecialty Assessment, American College of Mohs Surgery, Annual Meeting, Naples, FL.
128. May 11, 2007 Introduction to Research in Cutaneous Surgery, Society for Investigative Dermatology, Annual Meeting, Los Angeles, CA.
129. May 18, 2007 Studies of Injectable Calcium Hydroxylaptite for Nasolabial Folds and Prejowl Sulcus, 2nd Annual Fillers Meeting, Carefree, AZ.
130. June 10, 2007 Skin Tightening—Fact, Fiction, or Something in Between. Cosmetic Boot Camp, Annual Meeting, Aspen, CO.
131. June 15, 2007 Postoperative Wound Care and Dressings. Advances in Dermatology, Annual Meeting, New York University, New York, NY.
132. August 1, 2007 Co-Moderator on Dermatologic Surgery Question Sessions, Practical Approaches to Patient Problems in Dermatology Course, American Academy of Dermatology, Summer Meeting, New York, NY.
133. August 10, 2007 Botox A, B and X: What's New? Controversies and Conversations in Cutaneous Laser and Cosmetic Surgery, Annual Meeting, Bolton Landing, NY.
134. August 12, 2007 Skin Tightening Devices: Safe and Effective? Controversies and Conversations in Cutaneous Laser and Cosmetic Surgery, Annual Meeting, Bolton Landing, NY.
135. August 2007 Treatment of Rare and Uncommon Nonmelanoma Skin Cancers, Reunion

Grand Rounds, Northwestern University, Chicago, IL.

136. September 29, 2007 The Henry “Bud” Menn Memorial Lecture: Evidence-based Cosmetic Dermatology, Annual Meeting, Florida Society of Dermatologic Surgeons, Orlando, FL.
137. September 30, 2007 Management of Transplant-Associated Skin Cancer, Annual Meeting, Florida Society of Dermatologic Surgeons, Orlando, FL.
138. October 2007 Treatment of Uncommon Nonmelanoma Skin Cancer with Surgical and Nonsurgical Methods, Duhring Lecture, Grand Rounds, University of Pennsylvania, Philadelphia, PA.
139. October 2007 Prepackaged Injectable Fillers, From Collagen to Calcium Hydroxylapatite, Resident Lecture, Grand Rounds, University of Pennsylvania, Philadelphia, PA.
140. October 6, 2007 Diagnosis and Treatment of Actinic Keratoses, Annual Meeting, American Academy of Family Physicians, Chicago IL.
141. October 11, 2007 Topical Application of Vitamin K, Vitamin K and Retinol, and Arnica to Treat Post-Laser Bruising, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
142. October 11, 2007 Optimizing Chemical Peel Techniques, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
143. October 12, 2007 Contract Negotiation for New Dermatologic Surgeons, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
144. October 12, 2007 Working Constructively with Group Practice and Hospital Administrators, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
145. October 12, 2007 How to Organize Your Practice in an Academic Setting, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
146. October 12, 2007 Soft-Tissue Augmentation Guidelines: A Summary, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
147. October 12, 2007 How Would You Manage this Patient’s Squamous Cell Carcinoma In-Situ? Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.

148. October 12, 2007 Editor's Choice: Best of Dermatologic Surgery, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
149. October 13, 2007 Serum Concentration of Lidocaine After Local Injection During Mohs Micrographic Surgery, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
150. October 13, 2007 Comparative Efficacy of Topical 5-ALA PDT for Treatment of Actinic Keratoses Using Intense Pulsed Light Vs. Ambient Light: A Single-Blinded Randomized Control Trial, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
151. October 13, 2007 Health-Related Quality of Life and Utilities in Nonmelanoma Skin Cancer: A Multispecialty Assessment, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
152. October 14, 2007 The Effect of Subcision and Calcium Hydroxylapatite (Radiesse®) Injection on Rolling Acne Scarring Appearance, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
153. October 14, 2007 Safety and Efficacy of a Novel Ultrasound Device for Skin Tightening on the Face and Neck, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
154. October 18, 2007 Best Practices for Treatment of Actinic Keratoses, Grand Rounds, University of Texas-Southwestern Medical Center, Dallas, Texas.
155. October 2007 Update on Fillers, St. Louis, MO.
156. October 2007 Treatment of Cellulite, St. Louis, MO.
157. January 12, 2008 Ultrasound Skin Tightening, International Master Class on Aging Skin, Annual Meeting, Paris, France.
158. February 2, 2008 Nonablative Therapy in Asians: Treatment of Vascular Lesions and Wrinkles, Annual Meeting, American Academy of Dermatology, San Antonio, TX.
159. February 1, 2008 Eyelid Reconstruction: Primary Closure and Advancement Flap, Annual Meeting, American Academy of Dermatology, San Antonio, TX.
160. February 2, 2008 Focus Group: Evidence-Based Procedural Dermatology, Annual Meeting, American Academy of Dermatology, San Antonio, TX.
161. February 4, 2008 Aesthetic Dermatology, Annual Meeting, American Academy of

Dermatology, San Antonio, TX.

162. April 5, 2008 Treatment of Sebaceous Hyperplasia and Follicular Disorders with Photodynamic Therapy, Annual Meeting, American Society for Laser Medicine and Surgery, Orlando, FL
163. April 6, 2008 Skin Rejuvenation Expert Panel: How Would You Treat This Case? Annual Meeting, American Society for Laser Medicine and Surgery, Orlando, FL.
164. April 6, 2008 Transcutaneous Ultrasound for Tightening of Forehead, Cheek, and Neck Skin: Incremental Benefit Associated with Repeat Treatment and Persistence of Clinical Efficacy, Annual Meeting, American Society for Laser Medicine and Surgery, Orlando, FL.
165. April 6, 2008 Safety and Efficacy of Melasma Treatment with Q-Switched Laser vs Intense Pulsed Light: A Rater-Blinded Randomized Control Trial, Annual Meeting, American Society for Laser Medicine and Surgery, Orlando, FL.
166. April 9, 2008 Mohs Surgery for Nonmelanoma Skin Cancer, Grand Rounds, Division of Plastic Surgery, Northwestern University, Chicago, IL.
167. April 11, 2008 Filler Update: New and Old, Iowa Dermatology Society Meeting, Iowa City, IA.
168. May 1, 2008 Serum Concentration of Lidocaine After Local Injection During Mohs Micrographic Surgery, American College of Mohs Surgery, Annual Meeting, Vancouver, Canada.
169. May 4, 2008 My Botox Technique for the Face and Neck, American College of Mohs Surgery, Annual Meeting, Vancouver, Canada.
170. May 17, 2008 Elevated Risk of Skin Cancer in Patients with Multiple Organ Transplants, Annual Meeting, Society for Investigative Dermatology, Kyoto, Japan.
171. August 2, 2008 Management of Locally Recurrent Lentigo Maligna, Summer Meeting, American Academy of Dermatology, Chicago, IL.
172. July 31, 2008 Live Patient Demo: Botulinum Toxin and Fillers: Hyaluronic Acid Overview, Summer Meeting, American Academy of Dermatology, Chicago, IL.
173. July 31, 2008 Minimally Invasive Treatment of Fat and Cellulite, Summer Meeting, American Academy of Dermatology, Chicago, IL.

174. August 1, 2008 Aesthetic Dermatology Review, Summer Meeting, American Academy of Dermatology, Chicago, IL.
175. August 2, 2008 Skin Tightening Techniques, Summer Meeting, American Academy of Dermatology, Chicago, IL.
176. August 9, 2008 Neuromodulators: How Will These Impact Practice in the Next Few Years, Controversies and Conversations in Cutaneous Laser and Cosmetic Surgery, Annual Meeting, Whistler, Canada.
177. August 10, 2008 Nonsurgical Skin Tightening: Safe and Effective? Controversies and Conversations in Cutaneous Laser and Cosmetic Surgery, Annual Meeting, Whistler, Canada.
178. August 13, 2008 Utility of Fractionated Carbon Dioxide Laser for Treatment of Acne Scars, Cutaneous Laser Users' Meeting, Los Angeles, CA.
179. September 26, 2008 What is the Science Behind Non-Ablative Rejuvenation? 3rd Regional Laser and Cosmetic Surgery Conference, Hong Kong.
180. September 27, 2008 Skin Tightening-Overall View, 3rd Regional Laser and Cosmetic Surgery Conference, Hong Kong.
181. September 28, 2008 How to Manage the Aging Face: Expert Panel, 3rd Regional Laser and Cosmetic Surgery Conference, Hong Kong.
182. October 5, 2008 Skin Tightening by Ultrasound, Annual Meeting, International Society for Dermatologic Surgery, Las Vegas, NV.
183. October 12, 2008 Update on Fillers, Tennessee Dermatology Society Meeting, Nashville, TN.
184. October 12, 2008 Chemical Peeling Techniques, Tennessee Dermatology Society Meeting, Nashville, TN.
185. October 17, 2008 Skin Cancer-Diagnosis and Treatment, Medicine Grand Rounds MacNeal Hospital, Berwyn, IL.
186. October 18, 2008 Treatment of Prejowl Sulcus and Marionnette Lines, Regional Course, American Society for Dermatologic Surgery, Chicago, IL.
187. October 19, 2008 Calcium Hydroxylapatite for Facial Filling, Regional Course, American Society for Dermatologic Surgery, Chicago, IL.
188. October 19, 2008 The Future of Botulinum Toxin and Fillers, Regional Course, American

Society for Dermatologic Surgery, Chicago, IL

189. November 6, 2008 Laser-Induced Immunotherapy of Peripheral Metastases of Melanoma, Annual Meeting, American Society for Dermatologic Surgery, Orlando, FL.
190. November 6, 2008 Patients with Multiple Solid Organ Transplants Have a Higher Risk of Skin Cancer, Annual Meeting, American Society for Dermatologic Surgery, Orlando, FL.
191. November 7, 2008 Management of Dysplastic Nevi, Annual Meeting, American Society for Dermatologic Surgery, Orlando, FL.
192. November 8, 2008 Contract Negotiation for Residents and Fellows, Annual Meeting, American Society for Dermatologic Surgery, Orlando, FL.
193. November 22, 2008 Ultrasound Skin Tightening and Mesotherapy, Annual Meeting, Taiwan Dermatologic Society, Taipei, Taiwan.
194. December 2, 2008 What's New In Fillers and Soft-Tissue Augmentation, Grand Rounds, Department of Dermatology, Indiana University, Indianapolis, IN.
195. December 2, 2008 Medical and Surgical Treatment of Uncommon and Rare Nonmelanoma Skin Cancers, Grand Rounds, Department of Dermatology, Indiana University, Indianapolis, IN.
196. January 21, 2009 Technique for Chemical Peels, Visiting Professor Lecture, Department of Dermatology, University of Michigan, Ann Arbor, MI.
197. January 21, 2009 Treatment of Cellulite and Fat, Visiting Professor Lecture, Department of Dermatology, University of Michigan, Ann Arbor, MI.
198. January 22, 2009 Update on Injectable Fillers (Including Special Considerations in Skin of Color), Grand Rounds, Department of Dermatology, University of Michigan, Ann Arbor, MI.
199. March 6, 2009 Problems in the Laser Treatment of Colored Skin. Annual Meeting, American Academy of Dermatology, San Francisco, CA
200. March 6, 2009 An Overview of Consumer Purchased Anti-Aging Devices. Annual Meeting, American Academy of Dermatology, San Francisco, CA.
201. March 8, 2009 Blood Lidocaine Levels During Mohs Micrographic Surgery. Annual Meeting, American Academy of Dermatology, San Francisco, CA.

202. March 10, 2009 Nonablative Lasers: Advanced Technique. Annual Meeting, American Academy of Dermatology, San Francisco, CA.
203. April 2, 2009 Noninvasive Lifting and Tightening of the Face and Neck, Annual Meeting, American Society for Laser Medicine and Surgery, National Harbor, MD.
204. April 3, 2009 Pearls on Treating Particular Skin of Color Conditions: Hair Disorders (Hypertrichosis & PFB), Melasma, Post-inflammatory Hyperpigmentation, Acne Scars, Laxity, Annual Meeting, American Society for Laser Medicine and Surgery, National Harbor, MD
205. April 3, 2009 State Medical Board Regulation of Minimally Invasive Cosmetic Procedures: Current Interpretations and Future Trends from One-on-One Interviews, Annual Meeting, American Society for Laser Medicine and Surgery, National Harbor, MD.
206. April 4, 2009 Effective Documentation for Patient Care and Liability Prevention, Annual Meeting, American Society for Laser Medicine and Surgery, National Harbor, MD.
207. April 23, 2009 Treatment of Rare and Uncommon Non-Melanoma Tumors by Mohs Surgery: A Meta-Analysis of 1232 Cases, Annual Meeting, American College of Mohs Surgery, Austin, TX.
208. April 25, 2009 Floaters in Mohs Micrographic Surgery: Expert Consensus of Mohs Surgeons and Histotechnologists, Annual Meeting, American College of Mohs Surgery, Austin, TX.
209. May 9, 2009 Treatment of Primary Mucinous Carcinoma of the Skin: Meta-analysis of 189 Cases, Annual Meeting, American Dermatoepidemiology Network, Montreal, Canada.
210. May 9, 2009 Treatment of Rare and Uncommon Nonmelanoma Tumors by Mohs Surgery: a Meta-analysis of 1232 Cases, Annual Meeting, American Dermatoepidemiology Network, Montreal, Canada.
211. May 22, 2009 Laser and Light Therapy to Assist Post-Surgical Wound Healing, World Congress, International Congress of Dermatology, Prague, Czech Republic.
212. May 23, 2009 Challenging Issues in Treatment of Nonmelanoma Skin Cancer, World Congress, International Congress of Dermatology, Prague, Czech Republic.

213. June 26, 2009 Surgical Technique, First International Greek Mohs Surgery and Facial Reconstruction Course, Athens, Greece.
214. June 26, 2009 Scar Revision, First International Greek Mohs Surgery and Facial Reconstruction Course, Athens, Greece.
215. June 26, 2009 The Transposition Flap, First International Greek Mohs Surgery and Facial Reconstruction Course, Athens, Greece.
216. July 30, 2009 Practical Approaches to Patient Problems: Surgery, Summer Meeting, American Academy of Dermatology, Boston, MA.
217. August 1, 2009 Minimally Invasive Treatment of Fat and Cellulite, Summer Meeting, American Academy of Dermatology, Boston, MA.
218. August 20, 2009 The Commoditization of Cosmetic Procedures, Annual Meeting, American Dermatologic Association, Park City, UT.
219. September 19, 2009 Surgical Dermatology for Basal Cell Nevus Syndrome, Annual Meeting, Basal Cell Nevus Syndrome Physician/Patient Family Educational Seminar, Chicago, IL.
220. September 30, 2009 Contract Negotiations for Surgeons, Annual Meeting, American Society for Dermatologic Surgery, Phoenix, AZ.
221. October 2, 2009 How Much of What You See and Hear at This Meeting is Actually True? Annual Meeting, American Society for Dermatologic Surgery, Phoenix, AZ.
222. October 3, 2009 Laser Techniques: Light Based Treatment of Fat Disorders, Annual Meeting, American Society for Dermatologic Surgery, Phoenix, AZ.
223. October 4, 2009 Medical Board Regulations of Minimally Invasive Cosmetic Procedures, Annual Meeting, American Society for Dermatologic Surgery, Phoenix, AZ.
224. October 4, 2009 The Staged Excision Revisited: Three Proposed Alternatives, Annual Meeting, American Society for Dermatologic Surgery, Phoenix, AZ.
225. October 4, 2009 Accelerated Resolution of Laser-Induced Bruising with Topical 20% Arnica, Annual Meeting, American Society for Dermatologic Surgery, Phoenix, AZ.
226. January 16, 2010 New Aesthetic Devices, Annual Meeting, South Beach Symposium,

Miami, FL.

- 227. January 16, 2010 Advanced Workshop: Laser, Light, Radiofrequency-- New and Updated Devices, Annual Meeting, South Beach Symposium, Miami, FL.
- 228. January 16, 2010 Photoimmunotherapy for Melanoma—the Chicago Experience. Annual Meeting, SPIE, San Francisco, CA
- 229. March 6, 2010 Advanced Fractional Resurfacing, Annual Meeting, American Academy of Dermatology, Miami, FL
- 230. March 6, 2010 Advanced Cosmetic Skin Tightening, Annual Meeting, American Academy of Dermatology, Miami, FL.
- 231. March 7, 2010 Laser Pearls: Body Tightening Devices, Annual Meeting, American Academy of Dermatology, Miami, FL.
- 232. March 9, 2010 Soft-Tissue Augmentation: Hot Off the Press, Annual Meeting, American Academy of Dermatology, Miami, FL.
- 233. April 16, 2010 Acne Scarring in Patients with Skin of Color, Annual Meeting, American Society for Laser Surgery and Medicine, Phoenix, AZ.
- 234. April 17, 2010 Good Documentation and Avoiding Liability, American Society for Laser Surgery and Medicine, Phoenix, AZ.
- 235. April 17, 2010 Micro-Focused Ultrasound for Brow Lift and Improvement of Facial Skin Laxity and Texture: Final Results of a Multi-center Clinical Study, American Society for Laser Surgery and Medicine, Phoenix, AZ.
- 235. April 18, 2010 A Randomized Controlled Paired Comparison of Photodynamic Therapy with Topical Tazarotene 0.1% Cream Pretreatment Versus PDT Alone for Actinic Keratoses on Areas Other than the Face and Scalp, American Society for Laser Surgery and Medicine, Phoenix, AZ.
- 236. May 1, 2010 Conundrums in Mohs Frozen Sections: Floaters, Annual Meeting, American College of Mohs Surgery, New York, NY.
- 237. May 2, 2010 Coding for Mohs Surgery and Reconstruction, Annual Meeting, American College of Mohs Surgery, New York, NY.
- 238. May 7, 2010 Utility of Relaxing Music and Guided Imagery in Reducing Intraoperative Pain and Anxiety During Mohs Surgery, Annual Meeting, Society for Investigative Dermatology, Atlanta, GA.

239. May 14, 2010 Update on Fillers, Botulinum Toxins, and Fractional Resurfacing, Annual Meeting, Utah Dermatologic Society, Springdale, UT.
240. May 15, 2010 Treatment of Uncommon, Rare, and Difficult Nonmelanoma Skin Tumors,
Annual Meeting, Utah Dermatologic Society, Springdale, UT.
241. June 25, 2010 Body Contouring: Present & Future, Annual Meeting, Wisconsin Dermatologic Society. Sheboygan, WI.
242. June 26, 2010 Resurfacing and Tightening Devices, Annual Meeting, Wisconsin Dermatologic Society, Sheboygan, WI.
243. August 6, 2010 Life Patient Demonstration: Botulinum Toxin & Fillers, American Academy of Dermatology, Summer Meeting, Chicago, IL
244. August 8, 2010 Cutting Edge of Surgery and Oncology, American Academy of Dermatology, Summer Meeting, Chicago, IL.
245. October 5, 2010 Update on Fractional Resurfacing. International Laser Symposium, Riyadh, Saudi Arabia
246. October 5, 2010 Ultrasound and Skin Tightening, International Laser Symposium, Riyadh, Saudi Arabia.
247. October 8, 2010 Laser and Light Source Treatment of Pigmented Skin. Laser and Aesthetic Skin Therapy: What's the Truth? Cambridge, MA.
248. October 16, 2010 Aging in ethnic skin, Laser and Esthetic Therapy in Ethnic Skin (LETES). Riyadh, Saudi Arabia.
249. October 16, 2010 Fractional CO2 Lasers for Acne Scars. Laser and Esthetic Therapy in Ethnic Skin (LETES). Riyadh, Saudi Arabia.
250. October 17, 2010 Laser Treatments for Vessels and Vascular Malformation. Laser and Esthetic Therapy in Ethnic Skin (LETES). Riyadh, Saudi Arabia.
251. October 17, 2010 New Advances in Fillers. Laser and Esthetic Therapy in Ethnic Skin (LETES). Riyadh, Saudi Arabia.
252. October 17, 2010 Laser Lipolysis: Concept and Application. Laser and Esthetic Therapy in Ethnic Skin (LETES). Riyadh, Saudi Arabia.
253. October 23, 2010 Patient Demo: Fillers- Midface Injections. Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.

254. October 23, 2010 Tea with the Masters: Body Rejuvenation? A Tip Every 8 Minutes: Radiofrequency, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
255. October 23, 2010 Tea with the Masters: Body Rejuvenation? A Tip Every 8 Minutes: Cryotherapy, Cool Therapy and Non-Invasive Options, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
256. October 24, 2010 Ultrasound Applications in Dermatologic Surgery, Annual Meeting, American Society for Dermatologic Surgery, Chicago, IL.
257. November 19, 2010 Green, Red and Blue Lights for Acne, Rosacea and Wrinkles, Beauty Breakthroughs, American Academy of Dermatology, New York, NY.
258. January 8, 2011 Deep Contour and Surface Irregularities: An Algorithmic Approach, International Masters Course on Aging Skin, Paris, France.
259. February 6, 2011 Body Tightening Devices, Annual Meeting, American Academy of Dermatology, New Orleans, LA
260. February 8, 2011 Advanced Cosmetic Surgery and Aesthetics, Annual Meeting, American Academy of Dermatology, New Orleans, LA.
261. February 8, 2011 Skin Resurfacing and Rejuvenation, Annual Meeting, American Academy of Dermatology, New Orleans, LA.
262. February 13, 2011 Panfacial Contouring with Fillers, Advances in Cosmetic Blepharoplasty Brow, and Midface Lift and Nonsurgical Facial Rejuvenation Techniques, St. Louis University, St. Louis, MO.
263. February 13, 2011 Nonablative Laser Resurfacing, Advances in Cosmetic Blepharoplasty Brow, and Midface Lift and Nonsurgical Facial Rejuvenation Techniques, St. Louis University, St. Louis, MO.
264. March 11, 2011 Update on Fillers, Dermatology Foundation Clinical Symposium, Naples, FL.
265. March 31, 2011 Laser and Adjuvant Treatment of Acne Scarring, Acne Treatment Luncheon, Annual Meeting, American Society for Laser Medicine and Surgery, Grapevine, TX.
266. April 8, 2011 Hedgehog Therapy for Basal Cell Nevus Syndrome, Annual Meeting, Noah Worchester Dermatologic Society, Austin TX.

267. April 28, 2011 Laser Update, Literature Review: What's New?, Annual Meeting, American College of Mohs Surgery, Las Vegas, NV.
268. April 30, 2011 Coding Up Close and Personal, Annual Meeting, American College of Mohs Surgery, Las Vegas, NV.
269. May 28, 2011 Insitu Photoimmunotherapy: A Tumor Directed Approach to the Treatment of Advanced Melanoma with Cutaneous Metastasis, Melanoma And Melanocyte Nevus, World Congress of Dermatology, Seoul, North Korea.
270. June 26, 2011 Facial and Body Contouring, Northwestern Dermatology Seminar and Reunion, Chicago, IL.
271. July 8, 2011 Lasers: Body Tightening, 2nd Continental Congress of Dermatology of the International Society of Dermatology, St. Petersburg, Russia
272. July 16, 2011 Fractional Lasers – Present and Future, Cosmetic Bootcamp, Aspen, CO
273. August 4, 2011 Reconstruction of the Lip and Perioral Area, American Academy of Dermatology Summer Meeting, New York, NY
274. August 6, 2011 In Situ Photoimmunotherapy for Metastatic Melanoma, 2011 American Academy of Dermatology Summer Meeting, New York, NY
275. September 10, 2011 The Hyaluronic Acid Family, Calcium Hydroxylapatite, and Poly-L-lactic Acid, American Society for Dermatologic Surgery Chicago Fillers Course, Chicago, IL
276. September 10, 2011 My Technique for Treating Periorbital Lines - Injecting, Chicago Fillers Course, American Society for Dermatologic Surgery Chicago, IL
277. September 18, 2011 Evidence-Based Procedural Dermatology, American Dermatological Association, Annual Meeting, Napa, CA
278. September 21, 2011 Basics of Cosmetic Fillers and Neurotoxins, Wayne State University, Detroit, MI
279. September 21, 2011 Treatment of Rare and Uncommon Nonmelanoma Skin Cancers, Wayne State University, Detroit, MI
280. November 4, 2011 Controversies in Dermatologic Surgery, American Society for Dermatologic Surgery, Annual Meeting, Washington, DC

281. November 6, 2011 Hands-on Workshop: Tumor Excision/Wound Repair and Injectables, American Society for Dermatologic Surgery, Annual Meeting, Washington, DC
282. December 4, 2011 Racial/Ethnic Differences in Skin Aging and Aesthetic Concerns, American Society of Cosmetic Dermatology and Aesthetic Surgery, Annual Meeting, Las Vegas, NV
283. January 27, 2012 Severe Helioderma and Superficial Carcinoma, International Master Course on Aging Skin, Annual Congress, Paris, France
284. January 27, 2012 Perioperative Security in Dermatologic Surgery Procedures International Master Course on Aging Skin, Annual Congress, Paris, France
285. January 28, 2012 Dark Phototypes: Lasers and Topics, International Master Course on Aging Skin Annual Congress, Paris, France
286. March 17, 2012 Surgery Highlights from the Cochrane Library, American Academy of Dermatology, Annual Meeting, San Diego, CA
287. March 17, 2012 Journal Watching in Dermatologic Surgery, American Academy of Dermatology, Annual Meeting, San Diego, CA
288. March 17, 2012 Coding and Office Management, American Academy of Dermatology, Annual Meeting, San Diego, CA
289. March 18, 2012 Avoiding and Managing Filler Complications, American Academy of Dermatology, Annual Meeting, San Diego, CA
290. March 19, 2012 Body Tightening Device: Pearls, American Academy of Dermatology, Annual Meeting, San Diego, CA
291. March 19, 2012 Office Safety and Effective Treatments for Post-Inflammatory Hyperpigmentation, American Academy of Dermatology, Annual Meeting, San Diego, CA
292. April 14, 2012 Update on Noninvasive Tightening Devices, Pacific Dermatologic Association, Mini-Meeting: Cosmetic Update, San Jose, CA
293. May 5, 2012 CPT, RUC, and Coding Updates, American College of Mohs Surgery, Annual Meeting, Chicago, IL
294. May 23, 2012 Treatment of Rare Nonmelanoma Skin Cancers, Grand Rounds, University of Alabama Birmingham, Birmingham, AL

295. June 7, 2012 Body Contouring, Grand Rounds, Penn State Hershey, Hershey, Pennsylvania
296. August 17, 2012 Update Platform: Cosmetic and Dermatologic Surgery, American Academy of Dermatology Summer Academy Meeting, Boston, MA
297. August 17, 2012 Epidermal Sutures: Are They a Thing of the Past? American Academy of Dermatology Summer Academy Meeting, Boston, MA
298. August 18, 2012 Reconstruction of the Lip and Perioral Area, American Academy of Dermatology Summer Academy Meeting, Boston, MA
299. August 19, 2012 Treatment of Primary Cutaneous Mucinous Carcinoma: Mohs vs. Excision, American Academy of Dermatology Summer Academy Meeting, Boston, MA
300. September 14, 2012 Future of Clinical Practice in Academic Dermatologic Surgery, Association of Professors of Dermatology, Annual Meeting, Chicago, IL
301. October 13, 2012 The Minefields of Mohs Coding, American Society for Dermatologic Surgery, Annual Meeting, Atlanta, GA
302. November 27, 2012 Body Contouring, Dallas Dermatological Society, Dallas, TX
303. November 29, 2012 New Cosmetic Practice and New Physician Focus: Cosmetic Consultation and Ethical Dilemmas, Cosmetic Surgery Forum 2012, Las Vegas, NV
304. November 30, 2012 Laser Cases Presentation and Discussion, Cosmetic Surgery Forum 2012, Las Vegas, NV
305. November 30, 2012 Fillers, Cosmetic Surgery Forum 2012, Las Vegas, NV
306. January 19, 2013 Fillers - So Many Choices - What? When?, Foundation for Research and Education in Dermatology – Hawaii 2013 Winter Clinical Dermatology Conference, Kauai, HI
307. March 1, 2013 Laser Rx for Onychomycosis: Fact or Fancy?, American Academy of Dermatology, Annual Meeting, Miami Beach, FL
308. March 3, 2013 Journal Watching for Dermatologic Surgery, American Academy of Dermatology, Annual Meeting, Miami Beach, FL
309. March 4, 2013 Mohs Coding, American Academy of Dermatology, Annual Meeting, Miami Beach, FL

310. March 22, 2013 Update on Neurotoxins, 14th Annual Innovations in Aesthetic Surgery: A Multidisciplinary Symposium, Miami, FL
311. March 22, 2013 Fillers – Advanced Techniques, 14th Annual Innovations in Aesthetic Surgery: A Multidisciplinary Symposium, Miami, FL
312. April 4, 2013 Laser Treatment of Pigmented Lesions and Hair in Skin of Color, American Society for Laser Medicine and Surgery, Annual Meeting, Boston, MA
313. April 5, 2013 Ablative and Non-Ablative Fractionated Lasers in Ethnic Skin, American Society for Laser Medicine and Surgery, Annual Meeting, Boston, MA
314. April 6, 2013 Skin Tightening: Which is More Effective – Ultrasound, Light or Radiofrequency? American Society for Laser Medicine and Surgery Annual Meeting, Boston, MA
315. April 7, 2013 Ablative and Non-Ablative Resurfacing Lasers, American Society for Laser Medicine and Surgery, Annual Meeting, Boston, MA
316. April 10, 2013 Choosing the “Right” Injectable Filler: What, Where, and How, Michigan Dermatologic Society Keynote Lecture, Ann Arbor, MI
317. April 11, 2013 Update on Body Contouring, Grand Rounds, Department of Dermatology, University of Michigan, Ann Arbor, MI
318. May 5, 2013 Masters’ Pearls, American College of Mohs Surgery, Annual Meeting, Washington, DC
319. May 24, 2013 Brachytherapy, American Society for Mohs Surgery, Educational Meeting, Amelia Island, FL
320. May 24, 2013 Interactive Reconstruction Forum (panel member), American Society for Mohs Surgery, Educational Meeting, Amelia Island, FL
321. May 24, 2013 Treatment of Rare Non-Melanoma Skin Cancers, American Society for Mohs Surgery, Educational Meeting, Amelia Island, FL
322. June 8, 2013 The Hierarchy of Wound Repair, Summer Academy of Practical Dermatology and Aesthetic Medicine, Sofia, Bulgaria
323. June 28, 2013 Specific Patterns of Facial Aging in Different Ethnicities, Vegas Cosmetic Surgery 2013, Las Vegas, NV
324. June 28, 2013 Lasers and Skin of Color, Vegas Cosmetic Surgery 2013, Las Vegas, NV

325. June 28, 2013 Update on Non-Invasive Skin Tightening/Does it Work? Vegas Cosmetic Surgery 2013, Las Vegas, NV
326. June 28, 2013 Non-Invasive Fat and Cellulite Reduction: Does it Work? Dermatologist's Perspective, Vegas Cosmetic Surgery 2013, Las Vegas, NV
327. June 28, 2013 Treatment of Scars with Energy Devices, Vegas Cosmetic Surgery 2013, Las Vegas, NV
328. July 13, 2013 Complications of Botulinum Toxin Injection, 9th Asian Dermatological Congress, Hong Kong
329. July 13, 2013 Fillers – So Many Choices – What? When?, 9th Asian Dermatological Congress, Hong Kong
330. August 3, 2013 Laser/Cosmetic Case-Based Controversies in Procedural Dermatology, American Academy of Dermatology Summer Academy 2013, New York, NY
331. August 3, 2013 Issues in Mohs Surgery Coding, American Academy of Dermatology Summer Academy 2013, New York, NY
332. August 3, 2013 Case-based Controversies in Procedural Dermatology: Lasers in Cosmetics, American Academy of Dermatology Summer Academy 2013, New York, NY
333. August 4, 2013 Reconstruction of the Lip and Perioral Area, American Academy of Dermatology Summer Academy 2013, New York, NY
334. August 31, 2013 Risk and Benefits in Sentinel Lymph Node Biopsy, International Society for Dermatologic Surgery Annual Meeting, Dubrovnik, Croatia
335. September 18, 2013 Dermatologic Surgery Emergencies, California Society of Dermatology and Dermatologic Surgery, Santa Barbara, CA
336. September 20, 2013 Dermatologic Surgery Emergencies, American Dermatologic Association, Annual Meeting, Scottsdale, AZ
337. September 20, 2013 Treatment of Acne Scarring, American Dermatologic Association, Annual Meeting, Scottsdale, AZ
338. September 20, 2013 Dermatopathology and Dermatologic Surgery Evaluation Tools, American Dermatologic Association, Annual Meeting, Scottsdale, AZ

339. September 27, 2013 APD Milestone Tool, Association of Professors of Dermatology, Annual Meeting, Chicago, IL
340. October 17, 2013 Lasers and Skin of Color, Harbor UCLA Grand Rounds, Los Angeles, CA
341. November 9, 2013 Treatment of Melasma and Skin of Color, American College of Mohs Surgery, Annual Meeting, San Diego, CA
342. November 9, 2013 Challenging Cases, American College of Mohs Surgery, Annual Meeting, San Diego, CA
343. November 10, 2013 Treatment of Melasma and Skin of Color, Harvard Aesthetic Meeting, Boston, MA
344. December 3, 2013 Fillers, Grand Rounds at University of California Davis, Sacramento, CA
345. December 3, 2013 Neurotoxins, Grand Rounds at University of California Davis, Sacramento, CA
346. December 6, 2013 What's New in Lasers: Cosmetic Surgery Forum, Las Vegas, NV
347. December 6, 2013 Fillers- New Concepts in Fillers and Volume Replacement, Cosmetic Surgery Forum, Las Vegas, N
348. January 11, 2014 Lasers, Light Devices and Body Sculpting, Cosmetic Boot Camp University, Chicago, IL
349. January 10, 2014 Update on CPT Issues, Nashville Dermatologic Society, Nashville, TN
350. January 15, 2014 Coding for Dermatology, Chicago Dermatological Society Coding Seminar, Chicago, IL
351. March 21, 2014 Financing Obama Care, American Academy of Dermatology, Annual Meeting, Denver, CO
352. March 22, 2014 ICD-10 Readiness Presentation at the American Academy of Dermatology Board Meeting, American Academy of Dermatology, Annual Meeting, Denver, CO
353. March 22, 2014 Careers in Procedural Dermatology, American Academy of Dermatology, Annual Meeting, Denver, CO
354. March 22, 2014 Mohs Coding and Documentation Highlights, American Academy of Dermatology, Annual Meeting, Denver, CO

355. March 23, 2014 Multicenter Prospective Cohort Study on Dermatologic Surgery Outcomes; Rationalizing Outcome Measures in Dermatologic Surgery, American Academy of Dermatology, Annual Meeting, Denver, CO
356. March 23, 2014 Goals and What Has Been Done Before? American Academy of Dermatology, Annual Meeting, Denver, CO
357. March 23, 2014 Coding Update, American Academy of Dermatology, Annual Meeting, Denver, CO
358. March 23, 2014 Physician Extenders and Audit, American Academy of Dermatology, Annual Meeting, Denver, CO
359. March 24, 2014 Patient Safety in Dermatologic Surgery, American Academy of Dermatology, Annual Meeting, Denver, CO
360. March 24, 2014 Sarcomas Including DFSP and Their Treatments, American Academy of Dermatology, Annual Meeting, Denver, CO
361. March 24, 2014 Dermatologic Surgery, Journal Watching, American Academy of Dermatology, Annual Meeting, Denver, CO
362. March 25, 2014 Modifier 25 and Incident-to-Rules, American Academy of Dermatology, Annual Meeting, Denver, CO
363. March 27, 2014 Update on Cosmetic Dermatology, Palm Beach County Society for Dermatology, Delray Beach, FL
364. April 10, 2014 Coding Update, Cleveland Dermatologic Society, Annual Meeting, Cleveland, OH
365. April 27, 2014 Lasers for Onychomycosis, Florida Society of Dermatology and Dermatologic Surgery, Annual Meeting, Orlando, FL
366. April 27, 2014 Dermatologic Surgery Emergencies, Florida Society of Dermatology and Dermatologic Surgery, Annual Meeting, Orlando, FL
367. April 30, 2014 Coding Update, American College of Mohs Surgery, Annual Meeting, Phoenix, AZ
368. June 8, 2014 Where and how to Become the Best Trained Mohs Surgeon You Can, Women's Dermatologic Society, Annual Meeting, Chicago, IL
369. July 25, 2014 Cosmetic Dermatology in Skin of Color, University of Florida, Grand Rounds, Gainesville, FL

370. September 13, 2014 Navigating the World of ACGME, NAS, CCC and Milestones in Dermatologic Surgery, Association of Professors of Dermatology, Annual Meeting, Chicago, IL
371. September 13, 2014 Next Accreditation System, Association of Professors of Dermatology, Annual Meeting, Chicago, IL
372. September 13, 2014 Milestones for PD Fellowship, Association of Professors of Dermatology, Annual Meeting, Chicago, IL
373. September 13, 2014 Total Body Contouring and Rejuvenation Course, American Society of Dermatologic Surgery, Chicago, IL
374. October 19, 2014 Skin Tightening Devices, Essentials of Cosmetic Dermatology, Rosemont, IL
375. October 19, 2014 Liposuction, Essentials of Cosmetic Dermatology, Rosemont, IL
376. November 6, 2014 Code Red: Coding to Avoid ICD-10 Mishaps: American Society of Dermatologic Surgery, Annual Meeting, San Diego, CA
377. November 7, 2014 How You Can Help Dermatology Advocate For Our Patients With Legislators, Government, and Private Insurers, American Society of Dermatologic Surgery, Annual Meeting, San Diego, CA
378. November 8, 2014 Guidelines on Resource Management, American Society of Dermatologic Surgery, Annual Meeting, San Diego, CA
379. November 8, 2014 Biopsy Trends in Dermatology, American Society of Dermatologic Surgery, Annual Meeting, San Diego, CA
380. January 21, 2015 Highlighting the New Laser and Surgical Technologies, CPT Codes for Surgical/Cosmetic Procedures, Grand Rounds, Northwestern University, Chicago, IL
381. February 10, 2015 Disfiguring Lesions, Scar Revision, Other Leftovers from Medical Disorders, Northwestern University, Chicago, IL
382. March 13, 2015 Laser Surgical Procedures and CPT Update, Northwestern University, Grand Rounds, Northwestern University Chicago, IL
383. March 13, 2015 Novel Approaches for Minimally Invasive Skin Rejuvenation and

- Wound Healing: Technical Challenges and Measurement of Outcomes, Midwest Clinical Annual Conference, Chicago, IL
384. March 17, 2015 Prioritizing Areas for Future COS Development in Skin Surgery, Cochrane Skin Group, Annual Meeting, Dresden, Germany
 385. March 19, 2015 Case-Based Learning: Surgical Coding, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 386. March 20, 2015 Dermatologic Surgery Disasters: A Dissection of Patient Safety Failures, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 387. March 20, 2015 Co-Moderator, Late Breaking Abstracts, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 388. March 21, 2015 Where Are We Now: Impact of the Affordable Care Act on Dermatology, American Academy of Dermatology Annual Meeting, San Francisco, CA
 389. March 21, 2015 Rapid Corporatization of Dermopath and the Threats to Independent Labs, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 390. March 21, 2015 Review of Late Breaking Abstracts, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 391. March 21, 2015 Precise Documentation: Getting Paid and Passing Audits, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 392. March 21, 2015 The Future of Dermatology: What Changes are Coming and How Can We Prepare, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 393. March 22, 2015 Adverse Drug Reactions: The Evidence and the Controversies, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 394. March 22, 2015 Latest Research in Derm Surgery, Lasers, and Cosmetics, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 395. March 23, 2015 Coding and Documentation, American Academy of Dermatology, Annual Meeting, San Francisco, CA
 396. April 23, 2015 Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, Kissimmee, FL

397. April 23, 2015 Aging Comparison based on Ethnicity, American Society for Laser Medicine and Surgery, Annual Conference, Kissimmee, FL
398. April 23, 2015 Non-Invasive Skin Tightening and Fat Removal, American Society for Laser Medicine and Surgery, Annual Conference, Kissimmee, FL
399. April 30, 2015 Dermatologic Emergencies, American Society for Laser Medicine and Surgery, Annual Meeting, San Antonio, TX
400. April 30, 2015 Review of Key Posters, American Society for Laser Medicine and Surgery, Annual Meeting, San Antonio, TX
401. May 1, 2015 Working in Teams, Association of Professors of Dermatology, Annual Meeting, San Antonio, TX
402. June 10, 2015 Aging Skin: Laser Mechanisms in Aging Skin, World Congress of Dermatology, Vancouver, Ontario
403. August 8, 2015 Coding Update, Kansas Dermatologic Society Annual Meeting, Wichita, KS
404. August 8, 2015 Fillers: Which to Use When, and Why, Kansas Dermatologic Society Annual Meeting, Wichita, KS
405. September 26, 2015 Working in Teams, Association of Professors of Dermatology, Annual Meeting, San Antonio, TX
406. October 17, 2015 Mini-MBA: Successful Practice Management, Association of Professors of Dermatology, Annual Meeting, San Antonio, TX
407. October 18, 2015 Injectable Hands-On Workshop, American Society Dermatologic Surgery, Annual Meeting, Chicago, IL
408. October 23, 2015 Skin and Lid Lesions and Treatments, Ophthalmology Residents, Northwestern University, Chicago, IL
409. November 6, 2015 Lip and Perioral Rejuvenation, Canadian Association of Aesthetic Medicine, Toronto, CA
410. November 6, 2015 Treatments of Acne Scarring, Canadian Association of Aesthetic Medicine, Toronto, CA
411. November 7, 2015 Jawline, Neck and Decollete Rejuvenation Panel, Canadian Association of Aesthetic Medicine, Toronto, CA

412. November 13, 2015 International Volunteerism in Mohs Surgery, American College of Mohs Surgery, Regional Meeting, San Francisco, CA
413. December 2, 2015 Coding and Advocacy, Grand Rounds, University of Texas Health Science Center, San Antonio, TX
414. December 2, 2015 Body Contouring and Skin Tightening, Grand Rounds, University of Texas Health Science Center, San Antonio, TX
415. December 3, 2015 Put a Ring on It: Choosing Equipment You Can Live With, Cosmetic Surgery Forum, Annual Meeting, Las Vegas, NV
416. December 3, 2015 In the Pipeline: Lasers, Medicine and Cosmetics, Cosmetic Surgery Forum, Annual Meeting, Las Vegas, NV
417. January 29, 2016 Current Safety Controversies in Cosmetic Dermatology, University of Louisville, Winter Skin Seminar, Louisville, KY
418. January 30, 2016 ICD-10: It's Impact on Coding of Procedures, University of Louisville Winter Skin Seminar, Louisville, KY
419. March 3, 2016 Case-Based Learning: Surgical Coding, American Academy of Dermatology, Annual Meeting, Washington, DC
420. March 5, 2016 Journal Watching: What's New in Dermatologic Surgery, American Academy of Dermatology, Annual Meeting, Washington, DC
421. March 5, 2016 Coding and Documentation, American Academy of Dermatology, Annual Meeting, Washington, DC
422. March 5, 2016 Review of Late-breaking Research, American Academy of Dermatology, Annual Meeting, Washington, DC
423. March 5, 2016 Dermatologic Surgery: Cosmetic Tips and Pearls, American Academy of Dermatology, Annual Meeting, Washington, DC
424. March 6, 2016 Review of Late-breaking Research, American Academy of Dermatology, Annual Meeting, Washington, DC
425. March 6, 2016 The Future of Dermatology: What Changes are Coming and How Can We Prepare, American Academy of Dermatology, Annual Meeting, Washington, DC
426. March 6, 2016 Treatment of Hyperhidrosis with Lasers and Energy Devices, American Academy of Dermatology, Annual Meeting, Washington, DC

- 427. March 6, 2016 Where Are We Now: Financing the Affordable Care Act, American Academy of Dermatology, Annual Meeting, Washington, DC
- 428. March 7, 2016 Hands-On: Innovative Suture Techniques, American Academy of Dermatology, Annual Meeting, Washington, DC
- 429. March 7, 2016 MOC Self-Assessment: Cosmetic Dermatology, American Academy of Dermatology Annual Meeting, Washington, DC
- 430. March 31, 2016 Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, Boston, MA
- 431. April 13, 2016 Surgical Residents Hands-On Cadaver Course, Loyola University, Chicago, IL
- 432. April 28, 2016 Review of Clinical Pearls Abstract Session, American Collage of Mohs Surgery, Annual Meeting, Orlando, FL
- 433. April 29, 2016 Office Safety Protocols, American Collage of Mohs Surgery, Annual Meeting, Orlando, FL
- 434. April 30, 2016 How to Author and Review Manuscripts for Publication: Lessons from the Editors and Seasoned Authors, American Collage of Mohs Surgery, Annual Meeting, Orlando, FL
- 435. October 7, 2016 Mohs Surgery in Academics: Challenges and Opportunities, Association of Professors of Dermatology, Annual Meeting, Chicago, IL
- 436. October 27, 2016 Skin Tightening Devices, Essentials of Cosmetic Dermatology, Rosemont, IL
- 437. November 2, 2016 MACRA, MIPS, and APM's, Great Lakes Dermatological Society, Skokie, IL
- 438. November 11, 2016 Become an Effective Advocate, American Society for Laser Medicine and Surgery, Annual Conference, New Orleans, LA
- 439. November 11, 2016 CPT Coding Tips for Dermatologic Surgery, American Society for Laser Medicine and Surgery, Annual Conference, New Orleans, LA
- 440. November 12, 2016 Successful Practice Management and Marketing, American Society for Laser Medicine and Surgery, Annual Conference, New Orleans, LA

441. November 13, 2016 Achieving Results with TCA-CROSS for Acne Scars, American Society for Laser Medicine and Surgery, Annual Conference, New Orleans, LA
442. November 16, 2016 Body Contouring, Heidenfeld Surgical Grand Rounds, Columbia University Medical Center, Chicago, IL
443. December 2, 2016 Cosmetic Controversies, Cosmetic Surgery Forum, Las Vegas, NV
444. January 25, 2017 Body Contouring, Yale University Grand Rounds, New Haven, CT
445. January 25, 2017 Controversies in Cosmetic Dermatology, Yale University Grand Rounds, New Haven, CT
446. February 14, 2017 Recent Articles of Interest, National Dermatologic Surgery Journal Club, Teleconference
447. February 15, 2017 Updates in Coding in Dermatology, Illinois Dermatological Society, Rosemont, IL
448. March 3, 2017 Coding and Office Management, American Academy of Dermatology, Annual Meeting, Orlando, FL
449. March 3, 2017 Self-Assessment: Cosmetic Dermatology, American Academy of Dermatology, Annual Meeting, Orlando, FL
450. March 3, 2017 MACRA, MIPS, and APM's: Financing Obamacare, American Academy of Dermatology, Annual Meeting, Orlando, FL
451. March 5, 2017 Pearls from the Masters of Dermatological Surgery, American Academy of Dermatology, Annual Meeting, Orlando, FL
452. March 6, 2017 Coding and Documentation, American Academy of Dermatology, Annual Meeting, Orlando, FL
453. March 6, 2017 Hands-on Innovative Suture Techniques, American Academy of Dermatology, Annual Meeting, Orlando, FL
454. March 6, 2017 Documentation and Coding: Getting Paid and Passing Audits, American Academy of Dermatology, Annual Meeting, Orlando, FL
455. March 15, 2017 Coding, Virtual Grand Rounds, DermOne Virtual
456. April 6, 2017 Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, San Diego, CA

457. April 6, 2017 Decoding the Initials: RUC, CPT and Related Issues, American Society for Laser Medicine and Surgery Annual Conference, San Diego, CA
458. April 27, 2017 Clinical Pearls, American Collage of Mohs Surgery, Annual Meeting, San Francisco, CA
459. July 7, 2017 Mohs Surgery Pearls, BCCNS Life Support Network, Chicago, IL
460. July 21, 2017 Best of the Derm Journals, American Dermatology Association, Annual Meeting, Boston, MA
461. July 27, 2017 Coding and Documentation, American Academy of Dermatology, Summer Meeting, New York, NY
462. September 22, 2017 Practice Gaps in Dermatology, Controversies in Cosmetic Dermatology, Mayo Clinic, Rochester, MN
463. October 7, 2017 Facial Finesse: Advanced Surgical Videos, American Society for Dermatologic Surgery, Annual Meeting, Chicago, IL
464. October 8, 2017 Interactive Injectable Demonstrations with the Masters, American Society for Dermatologic Surgery Annual Meeting, Chicago, IL
465. November 11, 2017 Hands-On Cosmetics, American Academy of Dermatology Regional Meeting, Chicago, IL
466. November 30, 2017 Assessment, Execution and Follow-Up, Cosmetic Surgery Forum, Las Vegas, NV
467. December 1, 2017 What's New Under the Sun, Cosmetic Surgery Forum, Las Vegas, NV
468. January 8, 2018 Body Contouring, Fat Reduction, and Cellulite Treatment, Eastern Virginia University, Grand Rounds, Norfolk, VA
469. January 8, 2018 Controversies in Cosmetic Dermatology, Eastern Virginia University, Grand Rounds, Norfolk, VA
470. January 24, 2018 Updates on Coding and MACRA/MIPS, Illinois Dermatological Society, Skokie, IL
471. January 24, 2018 Surgery Training Using Synthetic Skin, Illinois Dermatological Society, Skokie, IL
472. February 16, 2018 Coding and Documentation, American Academy of Dermatology, Annual Meeting, San Diego, CA

473. February 17, 2018 Review of Late Breaking Research in Procedural Dermatology, American Academy of Dermatology, Annual Meeting, San Diego, CA
474. February 18, 2018 Journal Watching: What's New in Dermatologic Surgery, American Academy of Dermatology, Annual Meeting, San Diego, CA
475. February 18, 2018 Hands-On Innovative Suture Technique Update, American Academy of Dermatology, Annual Meeting, San Diego, CA
476. February 18, 2018 How to Pass an Audit Session in Surgical Coding, American Academy of Dermatology, Annual Meeting, San Diego, CA
477. February 19, 2018 Pharmacy Compounding and the Dermatology, American Academy of Dermatology. Annual Meeting, San Diego, CA
478. April 13, 2018 ePoster Town Hall, American Society for Laser Medicine and Surgery, Annual Conference, Dallas, TX
479. April 13, 2018 Expert Treatment Approaches, American Society for Laser Medicine and Surgery, Annual Conference, Dallas, TX
480. April 14, 2018 Early Career Clinical Pearls, American Society for Laser Medicine and Surgery, Annual Conference, Dallas, TX
481. May 5, 2018 Multidisciplinary Care of Complex Tumors, American Collage of Mohs Surgeons, Annual Meeting, Chicago, IL
482. July 26, 2018 Advice from Experts: Improving Your Cosmetic and Dermatologic Surgery Diagnostic and Management Skills, American Academy of Dermatology, Summer Meeting, Chicago, IL
483. July 26, 2018 Body Contouring: Pearls to Select the Right Patients and Techniques, American Academy of Dermatology, Summer Meeting, Chicago, IL
484. July 26, 2018 Comprehensive Approach to Neuromodulators and Fillers, American Academy of Dermatology, Summer Meeting, Chicago, IL
485. July 27, 2018 Coding and Documentation, American Academy of Dermatology, Summer Meeting, Chicago, IL
486. October 3, 2018 Controversies in Cosmetic Dermatology, Dermatology Society of Orange County. Newport Beach, CA
487. October 5, 2018 How to Work with a Finance Team, Association of Professors of

Dermatology Annual Meeting, Chicago, IL

488. October 6, 2018 Physician Metrics, Association of Professors of Dermatology Annual Meeting, Chicago, IL
489. October 27, 2018 Lasers and Energy Devices for Periocular Skin Rejuvenation, Oculofacial Plastic Surgery, American Academy of Ophthalmology, Miami, FL
490. November 29, 2018 What's New Under The Sun, Cosmetic Surgery Forum, Las Vegas, NV
491. November 20, 2018 Breakthrough's in Traditional Derm, Cosmetic Surgery Forum, Las Vegas, NV
492. March 1, 2019 Journal Review: Working with Non-English Speaking Authors, American Academy of Dermatology, Annual Meeting, Washington, DC
493. March 1, 2019 Moderating: Journal Watching, American Academy of Dermatology, Annual Meeting, Washington, DC
494. March 1, 2019 State of the Art Aesthetic Dermatology, American Academy of Dermatology, Annual Meeting, Washington, DC
495. March 1, 2019 New research on Fillers, American Academy of Dermatology, Annual Meeting, Washington, DC
496. March 2, 2019 Late Breaking Research: Procedural Dermatology, American Academy of Dermatology, Annual Meeting, Washington, DC
497. March 2, 2019 Masters Approach to Advanced Closures, American Academy of Dermatology, Annual Meeting, Washington, DC
498. March 2, 2019 Botulinum Toxin Applications: Past, Present, and Future, American Academy of Dermatology, Annual Meeting, Washington, DC
499. March 2, 2019 Guidelines for Rare Cancers, American Academy of Dermatology, Annual Meeting, Washington, DC
500. March 3, 2019 Coding and Reimbursement, American Academy of Dermatology, Annual Meeting, Washington, DC
501. March 4, 2019 Coding and Documentation, American Academy of Dermatology, Annual Meeting, Washington, DC

502. March 30, 2019 Early Career Pearls, American Society for Laser Medicine and Surgery, Annual Meeting, Denver, CO
503. April 12, 2019 Upper- Mid- and Lower- face, Resident Cosmetic Symposium, American Society for Dermatologic Surgery, Dallas, TX
504. April 13, 2019 Obtaining Lasers and Devices, Resident Cosmetic Symposium, American Society for Dermatologic Surgery, Dallas, TX
505. April 14, 2019 Injectable: Upper and Mid-Face, Resident Cosmetic Symposium, American Society for Dermatologic Surgery, Dallas, TX
506. June 15, 2019 Coding and Documentation, CalDerm, Norcal Conference, Napa Valley, CA
507. July 26, 2019 Comprehensive Approach to Neuromodulators and Fillers in 2019, American Academy of Dermatology, Summer Meeting, New York, NY
508. October 17, 2019 Guidelines for Rare and Uncommon Nonmelanoma Skin Cancer Kansas Dermatology Grand Rounds
509. December 5, 2019 What's New Under the Sun, Cosmetic Surgery Forum, Nashville, TN
510. December 6, 2019 Dermatology 360°: Full Body Care, Cosmetic Surgery Forum, Nashville, TN
511. April 23, 2020 International Service Opportunities for the Mohs Surgeon, American Collage of Mohs Surgeons, Annual Meeting, Nashville, TN
512. April 23, 2020 Evidence-Based Management of Rare Skin Cancers: Mini Tumor Board, American Collage of Mohs Surgeons, Annual Meeting, Nashville, TN
513. May 20, 2020 Guidelines and Management of Less Common Skin Cancers, Grand Rounds, University of Illinois, Chicago, IL
514. June 17, 2020 Physical Distancing, Face Masks, and Eye Protection to Prevent Person-to-Person Transmission of SARS-CoV-2 and COVID-19: A Systematic Review and Meta-Analysis, American Society for Dermatologic Surgery
515. July 18, 2020 Navigating Academic Health Care Leadership during COVID-19, University of Nebraska Medical Center, Omaha, NE
516. October 9, 2020 Topics in Regulatory Matters, American Society for Dermatologic Surgery

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| 517. | October 10, 2020 | Acne Scars, American Society for Dermatologic Surgery |
| 518. | October 14, 2020 | Up and Coming Fillers, Grand Rounds, University of Minnesota, Minneapolis, MN |
| 519. | October 14, 2020 | Mandel Lecture, Clinical Practice Guidelines for Rare Non-Melanoma Skin Cancers, University of Minnesota, Minneapolis, MN |
| 520. | January 19, 2021 | Developing Skin Cancer Guidelines: Rare Tumors and Interspecialty Collaboration, Dermatology at Weill Cornell Virtual Dermatology Grand Rounds Lecture |
| 521. | February 7, 2021 | Preventing and Treating Adverse Events of Injectable Fillers: Evidence-based Recommendations, American Society for Dermatologic Surgery |
| 522. | March 18, 2021 | The Cutting Edge on Cutaneous Malignancies: Cutaneous Squamous Cell Carcinoma, American Academy of Dermatology |
| 523. | March 19, 2021 | PRP Live Demonstration, The State of the Art of Aesthetic Dermatology, American Academy of Dermatology |
| 524. | March 20, 2021 | Journal Watching: Dermatologic Surgery, American Academy of Dermatology |
| 535. | March 20, 2021 | Up and Coming Fillers: Experience From Across the Atlantic, American Academy of Dermatology |
| 526. | May 6, 2021 | Update on Rare Tumors, American Collage of Mohs Surgeons |
| 527. | July 29, 2021 | Update on Coding and Reimbursement, American Society for Dermatologic Surgery |
| 528. | August 6, 2021 | Skin Cancer in Patients with Skin of Color, American Academy of Dermatology, Summer Meeting, Tampa, FL |

RESEARCH GRANTS/CONTRACTS/IRB-APPROVED INVESTIGATIONS

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| 2021- | Cosmetic Products Expert Survey Role: PI. Status: IRB Approved. |
| 2021- | Development of A Glossary of Terms Related to Collaboration between Organizations Involved with Guideline Development |

Role: PI. Status: IRB Approved.

- 2021- CAPER: Cutaneous Procedures Adverse Event Reporting Registry, a Quality Improvement Project
Role: PI. Status: IRB Approved.
- 2020- PDT versus the combination of Jessner's solution and 35% TCA for treatment of actinic keratoses on upper extremities: A randomized controlled split-arm trial
Role: PI. Status: IRB Approved.
- 2020- Treatment of sebaceous hyperplasia with PDL and Nd:YAG versus Erbium:YAG: A randomized controlled trial
Role: PI. Status: IRB Approved.
- 2020- Utility of aromatherapy in reducing burnt flesh smell, decreasing intraoperative anxiety, and improving the patient's overall experience during cutaneous surgical procedures: a randomized controlled trial
Role: PI. Status: Enrolling.
- 2020- Current trends in PRP: A prospective multicenter data collection survey
Role: PI. Status: Enrolling.
- 2020-2021 Expert Consensus on Acceptable Delay For Treatment of Skin Cancer
Role: PI. Status: Completed.
- 2020-2021 Identifying the cosmetic motivations of patients with history of major illness
Role: PI. Status: Completed.
- 2020-2021 Challenging Encounters in Dermatologic Surgery
Role: PI. Status: Completed.
- 2019- Locally Administered Bupivacaine Hydrochloride for Post-operative Pain Control in Cutaneous Surgery: A Randomized Controlled Trial
Role: PI. Status: IRB Approved.
- 2019- A Randomized Controlled Trial Comparing the Functional and Aesthetic Outcomes of Lobed Transposition Flaps vs. Nasalis Sling Flaps in Nasal Tip Reconstruction
Role: PI. Status: IRB Approved.

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| 2019- | Randomized, investigator-blinded study of compression in wound healing with and without fractional ablative CO2 laser after excisions on the lower extremity (CHIME+) Role: PI. Status: Enrolling. |
| 2019-2019 | Simulation-based Exercises to Improve the Performance of Cosmetic Consultations Role: PI. Status: Completed. |
| 2019-2019 | Incorporation of United States Pharmacopeia (USP) Compounding Standards into State Medical Boards and State Boards of Pharmacy Regulations Role: PI. Status: Completed. |
| 2019-2019 | Evaluation of Scientific Merit and Ethical Permissibility of Proposed Biomedical Research Protocols by Institutional Review Boards (IRBs) and Scientific Review Committees (SRCs) Role: PI. Status: Completed. |
| 2019-2019 | A Two-Year Retrospective, Single-Center, Cross-Sectional Analysis of Characteristics Comprising IRB Determinations for New Project Submissions of Biomedical Human Research Role: PI. Status: Completed. |
| 2019-2019 | Editorial Rejection Questionnaire for Journal Editors-in-Chief Role: PI. Status: Completed. |
| 2018- | Incidence of Post-operative Complications Including Bleeding, Infection, and Pain; A Chart Review Role: PI. Status: IRB Approved. |
| 2018-2021 | Patient Care Among Members of the National Academy of Medicine Role: PI. Status: Completed. |
| 2018-2019 | A pilot study on the metabolic effects of tumescent liposuction Role: PI. Status: Completed. |
| 2018-2019 | Diagnostic ultrasound for measuring fat of the body Role: PI. Status: Completed. |
| 2018-2018 | A Phase 2 Study to Evaluate Safety and Efficacy of EB-001 Injections in Facial Scar Reduction After Undergoing Mohs Surgery |

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| | Role: PI. Status: Completed. |
| 2018-2021 | The objective structured assessment of technical skills in post-cancer reconstruction Role: PI. Status: IRB Approved. |
| 2018-2021 | A pilot clinical trial investigating the effect of autologous platelet-rich plasma in subjects with mild to moderate eyebrow hypotrichosis. Role: PI. Status: Completed. |
| 2017-2018 | An Open-Label, Multi-Center Trial to Assess the Safety of Single and Repeat Treatments of DaxibotulinumtoxinA for Injection for Treatment of Moderate to Severe Glabellar Lines (SAKURA OPEN-LABEL SAFETY) Role: PI. Status: Completed. |
| 2017-2020 | The effect of combined treatment of PDL and fractional photothermolysis on the cosmetic appearance of postsurgical scars Role: PI. Status: Completed. |
| 2017-2018 | A randomized controlled trial evaluating 5-aminolevulinic acid photodynamic therapy with different incubation times for the treatment of actinic keratosis. Role: PI. Status: Completed. |
| 2017-2018 | Evaluation of construct validity and inter-rater reliability of the Objective Structured Assessment of Technical Skills (OSATS) tool for assessment of surgical skills of dermatology trainees. Role: PI. Status: Completed. |
| 2017-2019 | Comparison of the efficacy between Cryolipolysis versus ATX-101 (Deoxycholic acid) for the treatment of upper back fat: a prospective randomized controlled pilot study Role: PI. Status: Completed. |
| 2017-2019 | A randomized, double-blind, placebo-controlled clinical trial investigating the effect of autologous platelet-rich plasma in subjects with androgenetic alopecia Role: PI. Status: IRB Approved. |
| 2017- | Identifying Patient Experiences and Preferences During Dermatologic Skin Biopsies Role: PI. Status: Enrolling. |

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| 2017-2020 | Research on Skin Surgical Procedure Outcomes: Database of Adverse Events and Comorbidities Role: PI. Status: Completed. |
| 2017-2017 | Asymmetrical Facial Volume Loss From Disproportionate Light Exposure: A Clinical Validation Study Role: PI. Status: Completed. |
| 2016-2018 | The impact of anesthetic injection rate, temperature and buffering on pain perception during dermatologic procedures: a multicenter, single-blinded randomized control trial. Role: PI. Status: Completed. |
| 2015-2016 | The Effect of Topical Anesthetic using Lidocaine 2.5%/Prilocaine 2.5% versus Lidocaine 7%/Tetracaine 7% Cream on Patients' Pain and Operative Experience During Treatment With Q-Switched 532nm Laser Role: PI. Status: Completed. |
| 2015-2016 | Comparison of the Efficacy Between Cryolipolysis Versus Cryolipolysis Plus Subcision For Treatment of Cellulite: A Prospective Randomized Control Trial Role: PI. Status: Completed. |
| 2015-2017 | Identifying Patient Motivations for Dermatologic Cosmetic Procedures. ASDS Fredric S. Brandt, MD, Innovations in Aesthetics Fellowship Fund: \$41,500. Role: PI. Status: Completed. |
| 2015-2017 | Collaborative Development of Improved Outcome Assessment for Procedures Affecting Facial Appearance. Merz Research Grant: \$240,000. Role: PI. Status: Completed. |
| 2014- | Improving Research Outcomes via Excellence in Dermatologic Surgery (IMPROVED): A Delphi Process Consensus Survey Role: PI. Status: Enrolling. |
| 2014-2016 | Treatment of facial flushing with Botulinum Toxin A injections: A Split-face, Double-blinded, randomized control trial. Role: PI. Status: Completed. |
| 2014-2018 | A Multi-Arm Study of Cutaneous Surgery: Practices Regarding Uncertain Lesion Location, Incidence of Non-Melanoma Skin Cancer in Non-Caucasian Populations, Management of |

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| | <p>Malignancies in Patients Over 85 Years, and Prevalence of Rare Tumors</p> <p>Role: PI. Status: Completed.</p> |
| 2014-2016 | <p>A Pilot Study: Split Face Randomized, Evaluator Blinded Study on the Effect of Multiple Subcisions on Rolling Acne Scars</p> <p>Role: PI. Status: Completed.</p> |
| 2014-2014 | <p>Functionality of Patients 75 Years and Older Undergoing Mohs Micrographic Surgery</p> <p>Role: Co-PI. Status: Completed.</p> |
| 2014-2015 | <p>Face Atlas Mapping Study</p> <p>Role: PI. Status: Completed.</p> |
| 2014-2015 | <p>Comparing the efficacy of ice pack versus topical EMLA for pain control in laser axillary hair removal: A Randomized control trial</p> <p>Role: PI. Status: Completed.</p> |
| 2013-2016 | <p>A Pilot Study Comparing the Efficacy of Glycolic Acid Peels vs. Salicylic Acid Peels for the Treatment of Melasma: A Split Faced, Randomized Control Trial</p> <p>Role: PI. Status: Completed.</p> |
| 2013-2015 | <p>A Pilot Study Comparing the Efficacy of 1064 Q-switch Laser vs. Glycolic Acid Peels for the Treatment of Melasma: A Randomized Control Trial</p> <p>Role: PI. Status: Completed.</p> |
| 2013-2016 | <p>A Pilot, Split-Face Randomized, Evaluator Blinded Study on the Effectiveness of a Bipolar Fractional Radiofrequency System versus 1550-nm Fractional Photothermolysis for the Treatment of Acne Scars</p> <p>Role: PI. Status: Completed.</p> |
| 2013-2016 | <p>Pilot Study Comparing the Effectiveness of a Noninvasive Cryolipolysis Device vs. a High Intensity Focused Ultrasound Device for Fat Reduction: A Randomized Control Trial</p> <p>Role: PI. Status: Completed.</p> |
| 2013-2015 | <p>The Effect of Needle Size on Pain Perception in Patients Treated with Botulinum Toxin A Injections</p> <p>Role: PI. Status: Completed.</p> |

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| 2013-2014 | Treatment of Forehead/Glabellar Rhytide Complex with Onabotulinum Toxin A versus Incobotulinum Toxin A Injection: A Split-face, Double-blinded, Randomized Control Trial Role: PI. Status: Completed. |
| 2013-2015 | A Safety and Efficacy Study to Compare Dapsone Dermal Gel with Vehicle Control in Patients with Acne Vulgaris Allergan Sponsored Study Role: Sub-I. Status: Completed. |
| 2012-2015 | Effect of Autologous Platelet-Rich Plasma on Photoaged Skin: A Prospective Randomized Controlled Trial (Phase A and B). Role: PI. Status: Completed. |
| 2012-2013 | A Multi-Center, Prospective, Open-Label, Randomized Study of the Safety and Efficacy of BondEase™ Topical Skin Adhesive for the Closure of Traumatic Lacerations and Surgical Incisions. Role: PI. Status: Completed. |
| 2012-2012 | Treatment of Keratosis Pilaris with 810-nm Diode Laser. Role: PI. Status: Completed and Published. |
| 2012-2013 | Development of the Mohs Outcomes Assessment Instrument. Role: Co-I. Status: Completed. |
| 2012-2013 | A Pilot Study of the Efficacy of a Facial Exercise Program. Role: PI. Status: Completed. |
| 2012-2013 | Quantitative Evaluation of Skin Shrinkage Caused by Non-Invasive Tightening Device. Role: PI. Status: Completed. |
| 2012-2012 | The Effect of Subcision and Calcium Hydroxylapatite (Radiesse®) Injection on Rolling Acne Scarring Appearance. Role: PI. Status: Completed. |
| 2012-2013 | Pilot Split Face Randomized, Evaluator Blinded Study on the Effect of Subcision and Suctioning with a Microdermabrasion Device on Rolling Acne Scars. Role: PI. Status: Completed. |
| 2012-2013 | Pilot Study for Development of an Algorithm for Correct Identification of Skin Cancer Biopsy Sites: A Consensus Approach Based on Patient and Physician Interviews. Role: PI. Status: Completed. |

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| 2012-2013 | A Pilot Study of Skin Elasticity Measurements of the Face and Surgical Scars Stratified by Age and Skin Type. Role: PI. Status: Completed. |
| 2011 - 2012 | Comparing the Efficacy between Suction-Curettage and Botox Injections in the Treatment of Axillary Hyperhidrosis. Role: PI. Status: Completed. |
| 2011- 2012 | In Situ Photoimmunotherapy: A Tumor Directed Treatment for Advanced Melanoma with Cutaneous Metastases. Role: PI. Status: Completed. |
| 2011-2014 | A Pilot Study of Carbon Dioxide Treatment for Subcutaneous Fat Reduction. Role: PI. Status: Completed. |
| 2011- 2012 | Comparison of the Efficacy between Pulsed Dye Laser (PDL) and the Microsecond 1064-nm Nd:YAG Laser for Treatment of Diffuse Facial Redness: A Pilot, Prospective Randomized Trial. Role: PI. Status: Completed. |
| 2011-2013 | Prospective Study of Mohs Surgery: Incidence of Rare Malignancies, Variation in Patient Safety Practices, and Rate of Treatment-Related Adverse Events. Role: PI. Status: Completed. |
| 2011- 2013 | A Pilot Study of Patient Satisfaction after Cutaneous Surgery. Role: PI. Status: Completed. |
| 2011-2012 | A Comparison of 1550-nm Fractional Photothermolysis Versus Intense Focused Ultrasound for Treatment of Periorbital Wrinkles: A Pilot, Prospective Randomized Control Trail. Role: PI. Status: Completed. |
| 2011- 2012 | A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel-group Extension Study to Evaluate the Safety and Efficacy of BOTOX [®] (Botulinum Toxin Type A) Purified Neurotoxin Complex in Subjects with Facial Rhytides (Crow's Feet Lines and Glabellar Lines). Role: PI. Status: Completed. |
| 2011-2013 | Treatment of Forehead/Glabellar Rhytide Complex with Botulinum Toxin A Injection: Impact of Muscle Contraction on Onset of Action, Efficacy, and Duration of Treatment. |

Role: PI. Status: Completed.

- 2011-2012 A Pilot Study of 20 Subjects: Pain Experience in Naïve vs. Non-Naïve Subjects Undergoing Energy-Based Dermatologic Procedures.
Role: PI. Status: Completed.
- 2010- 2011 Tolerability Study of the Application of a 3M Microstructure Transdermal System by Finger Pressure to the Face in Healthy Subjects Stratified by Age and Fitzpatrick Skin Type.
Role: PI. Status: Completed.
- 2010- 2012 Quality of Life Impact of Visible Signs of Aging.
Role: PI. Status: Completed.
- 2010-2013 Technical Skill Examination of Mohs Micrographic Surgery Fellowship Applicants: A Pilot Study.
Role: PI. Status: Completed.
- 2010- 2012 Comparison of the efficacy between cryolipolysis and subcision for treatment of cellulite: A prospective randomized control trial.
Role: PI. Status: Completed.
- 2010-2012 A Comparison of fractional photothermolysis alone versus fractional photothermolysis plus intense focused ultrasound for treatment of striae distensae: A Prospective randomized control trial.
Role: PI. Status: Completed.
- 2010-2011 Treatment of Forehead/Glabellar Rhytide Complex with Combination Botulinum Toxin A and Hyaluronic Acid versus Botulinum Toxin A Injection Alone: A Split-face, Rater-blinded Randomized Control Trial.
Role: PI. Status: Completed.
- 2009-2012 A Split-face Randomized Controlled Trial to Assess the Efficacy of a Needling Device for the Treatment of Acne Scars.
Role: PI. Status: Completed.
- 2009- Comparison of 25-Hydroxy Vitamin D Level in Caucasian Women Receiving Vitamin D Supplementation and Not Receiving Supplementation: A Randomized Controlled Trial.
Role: PI. Status: Completed.
- 2008-2010 Basal Cell Carcinoma Recurrence: A Multicenter Retrospective

and Prospective Cohort Study.
Role: PI. Status: Completed.

- 2008- A Randomized Controlled Comparison of Photodynamic Therapy with Topical Tazorac Pretreatment vs. Photodynamic Therapy Alone For Actinic Keratoses on the Arms and Legs
Role: PI. Status: Completed.
- 2007- Subcision and Calcium Hydroxylapatite for Rolling Acne Scars: A Randomized Control Trial.
Role: PI. Status: Completed.
- 2007-2008 Comparing the Efficacy of Intense Pulsed Light vs. Q-Switched Laser for the Treatment of Melasma in Ethnic Skin. Split-Face Design.
Role: PI. Status: Completed.
- 2007-2008 Comparing the Efficacy of a 30% Salicylic Acid Peel vs. Q-Switched Nd:YAG Laser for the Treatment of Melasma in Ethnic Skin: Split-Face Design.
Role: PI. Status: Completed.
- 2007-2012 In-Situ Photoimmunotherapy: A Tumor-Directed Treatment for Stage IV Melanoma with Cutaneous Metastases—A Phase I
Study Role: PI. Status: Completed.
- 2007-2008 A Randomized, Double-Blind Paired Comparison of Non-Prescription Topical Aluminum Acetate 1% Solution Versus Prescription Topical Aluminum Chloride Hexahydrate 20% Versus No Treatment in the Control of Sauna Induced (37C) Sweating.
Role: PI. Status: Completed.
- 2007- 2011 Quantitative Evaluation of Skin Shrinkage Due to Ultrasound Energy Delivery. Role: PI. Status: Completed.
- 2007- 2010 The Effect Of Taped Post-Hypnotic Suggestion On Patient Anxiety During and Wound Healing Following Mohs Basal And Squamous Cell Carcinoma Surgery: A Prospective Randomized Study. Role: PI. Status: Completed.
- 2007- 2009 Unblinded Versus Blinded Peer Review Study.
Role: PI. Status: Completed.

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| 2007-2008 | Serum Concentration of Lidocaine after Local Injection During Mohs Micrographic Surgery. Role: PI. Status: Completed. |
| 2007- 2009 | GLI Haplotypes and Risk of Ultraviolet Radiation Induced Basal Cell Carcinoma. Role: Co-PI. Status: Completed. |
| 2007-2008 | An Open Label Evaluation of the Safety and Efficacy of Calcium Hydroxylapatite for Jowls. Role: PI. Status: Completed. |
| 2007- 2009 | Split-Face Study of Topical 4% Hydroquinone and 2% Kojic Acid in Melasma. Role: Co-PI. Status: Completed |
| 2006-2007 | Effect of Topical Vitamin K, Vitamin K and Retinol, and Arnica on Post-Laser Bruising. Role: PI. Status: Completed. |
| 2006-2007 | The Effect of Aminocaproic Acid on Bleeding During Intraoperative Surgery. Role: PI. Status: Completed. |
| 2006- | Theragauze Alone and Regranex Gel 0.01% Plus Theragauze in the Treatment of Wagner Stage 1 Diabetic Foot Ulcers. Role: Co-PI. Status: IRB Approved. |
| 2006- | Split-Face Study Assessing Salicyclic Acid Peels in Skin of Color. Role: Co-PI. Status: Completed. |
| 2006- | Dermatology Database of Patients with Organ Transplants. Role: Co-PI. Status: IRB Approved. |
| 2006-2008 | Evaluation of the Safety and Effect of KTP Laser for Dermatoses Papulosis Nigra. Role: Co-PI. Status: Completed. |
| 2006- | Neck Liposuction with Tumescant Anesthesia for the Treatment of Obstructive Sleep Apnea. Role: Co-PI. Status: IRB Approved. |
| 2006- | A Split-Face Comparison of Photodynamic Therapy with 5-Aminolevulinic Acid Using Intense Pulsed Light Versus |

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| | Ambient Light for the Treatment of Actinic Keratoses. Role: PI. Status: Completed. |
| 2006- | The Effect of Light Emitting Diodes on Androgenetic Alopecia. Role: PI. Status: Completed. |
| 2006-2008 | Transcutaneous Energy Delivery to Abdominal Skin: Clinicopathologic Correlation. Ulthera Inc: \$210,000. Role: PI. Status: Completed. |
| 2006-2008 | Evaluation of the Safety and Efficacy of Electrodesiccation and Q-switched Nd-YAG for Treatment of Sebaceous Hyperplasia. Role: PI. Status: Completed. |
| 2007-2009 | Comparison of Treatment of Cherry Angiomata with KTP Laser, Pulsed Dye Laser, or Electrodesiccation. Role: PI. Status: Completed. |
| 2005- | Hair Removal with Long Pulsed Diode Lasers in Hirsute Patients with Polycystic Ovarian Disease. Role: Co-PI. Status: IRB Approved. |
| 2005-2007 | Transcutaneous Energy Delivery for Facial Tissue Tightening. Ulthera Inc: \$95,000. Role: PI. Status: Enrollment Completed. |
| 2005-2007 | A Multi-Center, Open-label Study of the Safety and Efficacy of BOTOX for Axillary Hyperhidrosis (Adults). Allergan: \$100,000 Role: Co-PI. Status: Completed. |
| 2005-2008 | Effect of Taped Hypnosis on Wound Healing and Pain Perception During Mohs Surgery. Role PI. Status: Completed. |
| 2005-2006 | Effect of Light Emitting Diodes on Scar Healing: A Randomized Control Trial. Role: PI. Status: Completed. |
| 2004-2006 | Investigation of Ganglioside Content of Skin Disorders. Role: Sub-I. Status: Completed. |
| 2004-2005 | A Multi-Center, Study of the Safety and Efficacy of BOTOX for Hyperhidrosis (Adolescents). Allergan, Inc: \$300,000. Role: PI. Status: Completed. |

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| 2004-2005 | Treatment of Nail Psoriasis with Pulsed-Dye Laser: A Randomized Controlled Pilot Study. Candela Corp, \$10,000. Role: PI. Status: Completed. |
| 2003-2004 | Efficacy of Different Epidermal Closure Techniques for Bilayered Repairs of the Trunk and Extremities: A Randomized Control Trial. Role: PI. Status: Completed. |
| 2003-2004 | Sterility of Multiple-Use Vials of Botulinum Exotoxin: A Prospective Simulation. Role: PI. Status: Completed. |
| 2003-2004 | Botulinum Toxin for Wound Healing: A Randomized Control Trial. Allergan, Inc. \$60,000. Role: PI. Status: Completed. |
| 2001-2002 | Relative Importance of Factors Contributing to Delayed Diagnosis and Treatment of Non-melanoma Skin Cancer. Skin Cancer Foundation Research Grant: \$3000. Role: PI. Status: Completed. |
| 2001-2002 | Systematic Measurement of Patient Satisfaction and Well-being after Cosmetic Dermatologic Surgery "Cutting Edge" Research Grant, American Society for Dermatologic Surgery: \$7,500. Role: PI. Status: Completed. |
| 1998-1999 | A Psychometric Study of Nail Dystrophies. Council for Nail Disorders Research Grant: \$3000. Role: PI. Status: Completed. |

Bibliography

A. Original Peer-Reviewed Research Articles

1. Alam M, Stiller MJ. Direct medical costs associated with surgical and medical treatments for condyloma acuminata. Arch Dermatol. 2001;137:337-341.
2. Alam M, Moossavi M, Ginsburg I, Scher RK. A psychometric study of nail dystrophies. J Am Acad Dermatol. 2001;45:851-856.
3. Alam M, Dover JS. On beauty: Evolution, psychosocial considerations, and surgical enhancement. Arch Dermatol. 2001;137:795-807.

4. Kaminer MS, Tan MH, Hsu TS, Alam M. Limited breast reduction by liposuction. *Skin Therapy Lett.* 2002;7:6-8.
5. Alam M, Dover JS, Klein AW, Arndt KA. Botulinum A exotoxin for hyperfunctional facial lines: Where not to inject. *Arch Dermatol.* 2002;138:1180-1185.
6. Alam M, Omura NE, Dover JS, Arndt KA. Glycolic acid peels compared to microdermabrasion: a right-left controlled trial of efficacy and patient satisfaction. *Dermatol Surg.* 2002;28:475-479.
7. Alam M, Dover JS, Arndt KA. Pain associated with injection of botulinum A exotoxin reconstituted using saline with and without preservative: A double-blind, randomized controlled trial. *Arch Dermatol.* 2002;38:510-514.
8. Alam M, Arndt KA. A method for pulsed CO₂ treatment of epidermal nevi. *J Am Acad Dermatol.* 2002;46:554-556.
9. Alam M, Arndt KA, Dover JS. Severe, intractable headache following injection with botulinum A exotoxin: Report of five cases. *J Am Acad Dermatol.* 2002;46:62-65.
10. Alam M, Pantanowitz L, Harton AM, Arndt KA, Dover JS. A prospective trial of fungal colonization after laser resurfacing of the face: correlation between culture positivity and symptoms of pruritus. *Dermatol Surg.* 2003;29:255-260.
11. Alam M, Dover JS, Arndt KA. Treatment of facial telangiectasia with variable-pulse high-fluence pulsed-dye laser: Comparison of efficacy with fluences immediately above and below the purpura threshold. *Dermatol Surg.* 2003;29:681-685.
12. Van Laborde S, Dover JS, Moore M, Stewart B, Arndt KA, Alam M. Reduction in injection pain with botulinum toxin type B further diluted using saline with preservative: A double-blind randomized controlled trial. *J Am Acad Dermatol.* 2003;48:875-877.
13. Alam M, Caldwell JB, Eliezri YD. Human papillomavirus-associated digital squamous cell carcinoma: literature review and report of 21 new cases. *J Am Acad Dermatol.* 2003;48:385-393.
14. Alam M, Goldberg LH. Oblique advancement flap for defects of the lateral nasal supratip. *Arch Dermatol.* 2003;139:1039-1042.
15. Goldberg LH, Alam M. Horizontal advancement flap for symmetric reconstruction of small to medium-sized cutaneous defects of the lateral nasal supratip. *J Am Acad Dermatol.* 2003;49:685-689.
16. Alam M, Omura NE, Dover JS, Arndt KA. Clinically significant facial edema after extensive treatment with purpura-free pulsed-dye laser. *Dermatol Surg.* 2003;29:920-924.

17. Silapunt S, Peterson SR, Goldberg LH, Friedman PM, Alam M. Basal cell carcinoma on the vermillion lip. A study of 18 cases. *J Am Acad Dermatol*. 2004;50:384-387.
18. Goldberg LH, Alam M. Elliptical excisions: variations and the eccentric parallelogram. *Arch Dermatol*. 2004;140:176-180.
19. Alam M, Goldberg LH. Utility of fully buried horizontal mattress sutures. *J Am Acad Dermatol*. 2004;50:73-76.
20. Goldberg LH, Silapunt S, Beyrau KK, Peterson SR, Friedman PM, Alam M. Keratoacanthoma as a postoperative complication of skin cancer excision. *J Am Acad Dermatol*. 2004;50:753-758.
21. Alam M, Omura N, Kaminer MS. Subcision for acne scarring: Techniques and outcomes in 40 patients. *Dermatol Surg*. 2005;31:310-317.
22. Goldberg LH, Silapunt S, Alam M, Peterson SR, Jih MH, Kimyai-Asadi A. Surgical repair of temple defects after Mohs micrographic surgery. *J Am Acad Dermatol*. 2005;52:631-636.
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C. Chapters, Letters

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