

Annika Meyer
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EDUCATION

SMITH FACIAL PLASTICS, OHIO STATE UNIVERSITY
Columbus, OH 7/1/2019 – 6/30/2020
Fellow – Facial Plastic and Reconstructive Surgery

THE ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI HOSPITAL
Department of Otolaryngology
New York, NY 7/1/2014 - 6/30/2019
Resident – Department of Otolaryngology

SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE
St. Louis, MO 8/2010 - 5/2014
Doctor of Medicine

SANTA CLARA UNIVERSITY
Santa Clara, CA 8/2005 - 5/2009
Bachelor of Science in Biology

AWARDS & HONORS

DR. ROBERT M. WOOLSEY AWARD: BEST OVERALL
PERFORMANCE IN NEUROLOGY
Saint Louis University School of Medicine 5/2014

ALPHA OMEGA ALPHA HONOR MEDICAL SOCIETY
Saint Louis University School of Medicine 9/2013

MAGNA CUM LAUDE
Santa Clara University 5/2009

PHI BETA KAPPA HONORS SOCIETY
Santa Clara University 5/2009

NATIONAL SOCIETY OF COLLEGIATE SCHOLARS
Santa Clara University 12/2005 - 5/2009

TRI-BETA NATIONAL BIOLOGICAL HONOR SOCIETY
Santa Clara University 12/2009

DEAN'S LIST
Santa Clara University 12/2005 - 5/2009

CERTIFICATIONS

Advanced Cardiac Life Support (ACLS) 2019
Basic Life Support (BLS) 2019
USMLE Step 1, Step 2 CK & CS 2012 - 2013

PEER-REVIEWED PUBLICATIONS

Arrighi-Allisan AE, Shukla D, **Meyer A**, Kidwai SM, Barazani S, Cosetti MK, Teng MS. Gender trends in authorship of original Otolaryngology

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publications: A fifteen-year perspective. Submitted to *Laryngoscope*, September 2019.

Kappauf C, **Meyer A**, Yang A, Kidwai S, Gray ML, Rosenberg JD. Demographic differences among patients undergoing rhytidectomy based on surgeon training. Submitted to *Aesthetic Surgery Journal*, September 2019.

Manna S, **Meyer A**, Shigematsu T, Berenstein A, Courey M. Management of a laryngeal venous malformation with Nd:YAG laser and Bleomycin sclerotherapy. Submitted to *Laryngoscope*, September 2019.

Meyer A, Roof S, Gray ML, Fan CJ, Barber B, Miles BA, Teng M, Genden E, Rosenberg JD. Thermal imaging for microvascular free tissue transfer monitoring: a feasibility study using a low cost, commercially available mobile phone imaging system. Submitted to *Head and Neck*, August 2019.

Deutsch B, **Meyer A**, Shohet M. CO₂ Laser for Oropharyngeal Lymphangioma. Submitted to *International Journal of Pediatric Otorhinolaryngology*, August 2019.

Meyer A, Alicea DA, Ferrandino RM, Miles BA. Behavioral analysis of HPV+ oropharyngeal cancer: Do you know your patients? *Am J Otolaryngol*. Jan 2019.

Meyer A, Gross N, Teng M. AHS Series: Do you know your guidelines? Perioperative antithrombotic management in head and neck surgery. *Head & Neck*. 2018 Jan;40(1): 182-191.

Iyer A, **Meyer A**, Illoreta AM, Govindaraj S, Miles B, Shrivastava R. Schwannomas of the frontal sinus: Cases and review of the literature. *World Neurosurgery*. 2017 Sep 22.

Ho A, Zumsteg ZS, **Meyer A**, Riaz N, Rahmati R, Kraus D, McCarthy C, Wong RJ, Shah JP, Lee N. Impact of flap reconstruction on radiotoxicity after salvage surgery and reirradiation for recurrent head and neck cancer. *Ann Surg Oncol*. 2016 Dec;23(Suppl 5):850-857.

Antisdell JL, **Meyer A**, Comer B, Jang D, Gurrola J, Khabbaz E, Christopher K, Kountakis S. Product comparison model in otolaryngology: Equivalency analysis of absorbable hemostatic agents after sinus surgery. *Laryngoscope*. 2016 Jan;126 Suppl 2:S5-13.

Sisler K, **Meyer A**, Miller S, Antisdell JL. Self-decapitation attempt attributed to tinnitus and oral corticosteroids. *J Otol Rhinol*. 2015.

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Meyer A, Prasad KG, Antisdell JL. *Mycobacterium chelonae* dacryocystitis after endoscopic dacryocystorhinostomy. Allergy Rhinol. 2014 Mar;5(2):87-90.

Meyer A, Scaduto M, Antisdell JL. Nasal mucosa ulceration and septal perforation as initial presentation of a patient with probable Behcet's Disease. International Journal of Pediatric Otorhinolaryngology Extra. 2014.

Dejan K, Fresquez J, **Meyer A**, Edgerly-Rooks JS. Maternal territoriality achieved through shaking and lunging: an investigation of patterns in associated behaviors and substrate vibrations in a colonial embiopteran, *Antipaluria urichi*. J Insect Sci. 2013 Sept; 13(82):1-28.

Apfel CC, **Meyer A**, Orhan-Sungur M, Jalota L, Whelan RP, Rao S. Supplemental intravenous crystalloids for the prevention of postoperative nausea and vomiting: quantitative review. Br J Anaesth. 2012 Jun;108(6):893-902.

OTHER PUBLICATIONS

Meyer A, Rosenberg J. Book Review: Flaps: Practical Reconstructive Surgery. Ann Otol Rhinol Laryngol. 2017 Jul.

ABSTRACTS, POSTERS, AND PRESENTATIONS

Shang T, **Meyer A**, Westreich R. The effectiveness of percutaneous radiofrequency in postoperative rhinoplasty patients. Accepted – poster. AAFPRS Annual Meeting, October 2019.

Arrighi-Allisan A, Shukla DC, **Meyer A**, Kidwai S, Barazani SH, Cosetti MK, Teng MS. Gender trends in authorship of original Otolaryngology publications: A 15 year perspective. Oral presentation. Triological Society at COSM, May 2019.

Manna S, **Meyer A**, Berenstein A, Courey M. Management of a laryngeal venous malformation with Nd:YAG laser and bleomycin sclerotherapy. Poster. Triological Society Combined Sections Meeting, Jan 2019.

Meyer A, Yang A, Gray M, Kidwai S, Guthrie A, Rosenberg J. Demographic differences among patients undergoing rhytidectomy based on surgeon training. Poster. AAFPRS International Symposium, 2018.

Guthrie AJ, **Meyer A**, Gray M, Eljazzar R, Rosenberg J. Early rhinoplasty after trauma: A case series. Poster. AAFPRS International Symposium, 2018.

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Gray M, Yang A, Guthrie AJ, **Meyer A**, Rosenberg J. Rhinoplasty by surgeon training: A retrospective study of patient characteristics, charges, and physician practice. Poster. AAFPRS International Symposium, 2018.

Roof S, Gray M, **Meyer A**, Courey M. A hybrid didactic and simulation based workshop to increase comfort and knowledge regarding tracheostomy management. Poster. AAO-NHSF Annual Meeting & OTO Experience Oct 2018.

Ho Y, Toman J, **Meyer A**, Lawson W. Columellar widening with columellar strut: Fact or fiction? Oral presentation. AAO-NHSF Annual Meeting & OTO Experience Oct 2018.

Roof S, Gray M, **Meyer A**, Ferrandino R, Courey M. Workshop to Increase Comfort and Knowledge Regarding Tracheostomy Management: A Pilot Study. Oral presentation. 13th Annual Metropolitan Resident Research Day Symposium, May 18, 2018.

Meyer A, Alicea D, Ferrandino R, D'Souza G, Fakhry C, Miles BA. HPV+ oropharyngeal cancer: Do you really know your patients? Oral presentation. Triological Society at COSM 2018.

Meyer A, Gray M, Roof S, Barber B, Miles BA, Teng M, Genden E, Rosenberg J. Free flap monitoring using thermal imaging. Oral presentation. AAFPRS at COSM April 2018.

Meyer A, Bourquard A, Gray M, Rosenberg J, Miles BA, Kass J. Non-invasive video monitoring of blood flow validated using pulse oximetry and the Allen test. Oral presentation. AAFPRS at COSM April 2018.

Gray M, Yang A, Horesh E, **Meyer A**, Iloreta AM, Rosenberg J. Trends in blepharoplasty, rhinoplasty, and rhytidectomy by surgeon training using the SPARCS database. Poster presentation. AAFPRS at COSM April 2018.

Deutsch B, **Meyer A**, Shohet M. CO₂ laser for oropharyngeal lymphangioma. Poster presentation. Triological Society Combined Sections Meeting April 2018.

Sisler K, **Meyer A**, Miller S, Antisdell JL. Self-decapitation attempt attributed to tinnitus and oral corticosteroids. Poster. Triological Society Combined Sections Meeting Jan 2015.

Meyer A, Ho A, Riaz N, Rahmati R, Kraus D, McCarthy C, Lee N. Outcomes in recurrent head and neck cancer after salvage surgery with and

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without flap reconstruction with postoperative reirradiation. Abstract and poster. Triological Society at COSM 2014.

Meyer A, Prasad KG, Antisdel JL. *Mycobacterium chelonae* dacryocystitis after dacryocystorhinostomy. Abstract ID #354 and Poster. 59th Annual Meeting of the ARS 2013.

Meyer A, Orhan-Sungur M, Jalota L, Whelan RP, Rao S, Apfel CC. Intravenous crystalloids for the prevention of postoperative nausea and vomiting. Poster. ACP Missouri Chapter Meeting 2012.

Meyer A, Orhan-Sungur M, Jalota L, Whelan RP, Rao S, Apfel CC. Supplemental intravenous crystalloids for the prevention of postoperative nausea and vomiting. Poster 20. 47th Annual AOA Medical Student Research Forum 2012.

Meyer A. Effects of frugivory by *Alouatta palliata* on various Costa Rican tropical rainforest plant species. Oral presentation. Undergraduate Science and Engineering Symposium 2009.

RESEARCH EXPERIENCE

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Department of Otolaryngology

New York, NY

7/1/2014 - present

Fractora percutaneous radiofrequency for thinning the nasal skin envelope after rhinoplasty in patients with thick skin, with Richard Westreich, MD.

Early rhinoplasty after nasal trauma, a retrospective comparison of pre and postoperative photographs and NOSE scores, with Joshua Rosenberg, MD.

Statewide Planning and Research Cooperative System (SPARCS) database retrospective review examining trends in rhytidectomy, blepharoplasty, and rhinoplasty in New York State, with Joshua Rosenberg, MD.

Effect of cartilaginous autografts on postoperative columellar width, a retrospective study with William Lawson, MD and Yan Ho (Yale, New Haven, CT).

Free flap monitoring using thermal imaging, a prospective study with Joshua Rosenberg, MD and Jason Kass, MD (Brigham and Women's Hospital, Boston, MA).

Free flap monitoring, pulse flow and Allen testing using Eulerian video magnification, a prospective study with Jason Kass, MD (Brigham and Women's Hospital, Boston, MA).

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Epidemiology of HPV+ oropharyngeal squamous cell carcinoma patients at Mount Sinai, a prospective study. Also evaluating long-term swallowing outcomes in this patient population after TORS and radiation, with Brett Miles, MD, DDS. Served as a mentor for an intern and a medical student in both projects.

Role of continuous local infusion of Ropivacaine for post-operative pain management in patients receiving osseocutaneous free flaps, a randomized, controlled prospective study with Brett Miles, MD, DDS.

Impact of a novel social network application to enhance resident education, examining use of the app PulseQD among otolaryngology residents at Mount Sinai, with Marita Teng, MD.

Interactive teaching to improve knowledge and comfort in caring for patients with tracheostomy, with Mark Courey, MD.

CO₂ laser for oropharyngeal lymphangioma, with Michael Shohet, MD. Served as a mentor for a medical student through the process of writing and submitting this paper for a national meeting and for publication.

MEMORIAL SLOAN KETTERING CANCER CENTER

New York, NY

8/1/2013 - 9/1/2013

Surgical and free-flap reconstruction outcomes after postoperative reirradiation for head and neck squamous cell carcinoma: a retrospective study, with Nancy Lee, MD, Department of Radiation Oncology, and Allen Ho, MD, Department of Surgery, Head and Neck Service.

SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE

St. Louis, MO

1/1/2010 - 5/1/2014

Hemostatics trial: A prospective, multi-center, randomized trial analyzing three hemostatic agents after endoscopic sinus surgery, with Justin Antisdell, MD. Department of Otolaryngology.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

San Francisco, CA

5/1/2011 - 7/1/2011

Supplemental intravenous fluids for the prevention of post-operative nausea and vomiting: A quantitative review, with Christian C. Apfel, MD. Department of Anesthesia.

SANTA CLARA UNIVERSITY

Santa Clara, CA

1/1/2008 - 5/30/2010

Behavioral and genetic analysis of web-spinning embiid insects, lab and field research, with Janice Edgerly-Rooks, PhD. Department of Biology.

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5/1/2009 - 1/30/2010

Physiologic and computational approaches to sensory neurons in the crab *Cancer borealis*, neurobiology lab research with John Birmingham, PhD. Department of Physics.

La Suerte Biological Field Station, Costa Rica 5/1/2008 - 5/30/2008

The effect of frugivory by the Mantled Howler monkey, *Alouatta palliata*, on a tropical rainforest plant community, field research with Sean Watts, PhD and Michelle Bezanson, PhD. Department of Biology.

ATTENDANCE AT MEETINGS AND COURSES

6th Annual NY Metro Endoscopic Sinonasal Skull Base and Facial Reconstruction Course 6/1-2/2019
Rutgers, Newark, NJ

5th Annual NY Metro Endoscopic Sinonasal Skull Base and Facial Reconstruction Course 6/2-3/2018
Rutgers, Newark, NJ

Advances in Rejuvenation & Reconstruction: A Hands-On Cadaver Workshop & Board Review Program 5/19-20/2017
Mount Sinai, New York, NY

Combined Otolaryngology Spring Meetings (COSM) 4/18-22/2018
National Harbor, MD

Endoscopic Middle Ear Surgery Dissection Course 10/6-7/2017
New York Eye and Ear Infirmary, New York, NY

Advances in Rejuvenation & Reconstruction: A Hands-On Cadaver Workshop & Board Review Program 5/20-21/2017
Mount Sinai, New York, NY

5th Annual Otorhinolaryngology PGY3 SimFest 5/20/2017
University of Pennsylvania, Philadelphia, PA

Resident's Advanced Rhinology East Master Class 4/8-9/2017
Olympus, Tampa, FL

Resident Temporal Bone Dissection Course 11/5/2016
New York Eye and Ear Infirmary, New York, NY

9th Annual NYC Pediatric Airway Symposium 10/27/2016
Mount Sinai, New York, NY

9th Biennial Facial Reconstruction Soft Tissue Surgery Course 10/22/2016
Rutgers University, Newark, NJ

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	Resident Temporal Bone Dissection Course <i>New York Eye and Ear Infirmary, New York, NY</i>	<i>11/7/2015</i>
	6th Annual Otorhinolaryngology Emergencies Boot Camp <i>MedStar Georgetown, Washington, DC</i>	<i>7/18/2015</i>
	American College of Physicians Missouri Chapter Meeting <i>Lake of the Ozarks, MO</i>	<i>2012</i>
	47th Annual AOA Medical Student Research Forum <i>Saint Louis University, Saint Louis, MO</i>	<i>2012</i>
	Undergraduate Science and Engineering Symposium <i>Santa Clara University, Santa Clara, CA</i>	<i>2009</i>
	Society for Neuroscience Annual Meeting <i>Chicago, IL</i>	<i>2009</i>
QUALITY IMPROVEMENT	Tracheostomy teaching to improve care in other departments Department of Otolaryngology Icahn School of Medicine at Mount Sinai	<i>2017</i>
	Monitoring buried free flaps Department of Otolaryngology Icahn School of Medicine at Mount Sinai	<i>2017</i>
COMMITTEE PARTICIPATION	Wellness Committee, Department of Otolaryngology Resident member	<i>2017 - present</i>
	ACGME Clinical Learning Environment Review (CLER) Visit resident participant	<i>2017</i>
	Integrated Quality Improvement Committee Resident member Department of Otolaryngology Icahn School of Medicine at Mount Sinai	<i>1/1/2017 - 7/1/2017</i>
TEACHING EXPERIENCE	GRAND ROUNDS Transgender Facial Surgery Department of Otolaryngology Icahn School of Medicine at Mount Sinai	<i>5/22/2019</i>
	MULTIDISCIPLINARY TEACHING TO IMPROVE KNOWLEDGE AND CARE OF PATIENTS WITH TRACHEOSTOMY	<i>2017</i>

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Department of Otolaryngology
Icahn School of Medicine at Mount Sinai

OTOLARYNGOLOGY INTEREST GROUP MENTORING *2017*
Icahn School of Medicine at Mount Sinai

LECTURES

PGY1 & 2 Survival Guide *6/29/17*
Fillers, Implants, and Tissue Expanders *12/8/2016*
Laryngeal and Esophageal Trauma *12/24/2015*
Temporomandibular Disorders *8/27/2015*
Department of Otolaryngology
Icahn School of Medicine at Mount Sinai

PRE-MEDICAL STUDENT MENTORING *2010*

TEACHING ASSISTANT, NEUROBIOLOGY *11/1/2009 - 2/30/2010*
Department of Biology, Santa Clara University

TUTOR, PHYSICS *1/1/2007 - 1/1/2008*
Department of Physics, Santa Clara University

SERVICE

HEAD AND NECK CANCER SCREENINGS *7/2015 - 4/2019*
Volunteer, Mount Sinai School of Medicine

HEAD AND NECK CANCER SCREENINGS *1/2011 - 5/2013*
Coordinator and volunteer, Saint Louis University School of Medicine

INSTITUTIONAL REVIEW BOARD *2/1/2011 - 8/30/2012*
Committee member, Washington University School of Medicine

OTOLARYNGOLOGY INTEREST GROUP *8/1/2011 - 5/30/2012*
Leader

WELLNESS COMMUNITY *8/1/2011 - 5/30/2012*
Leader

CASA DE SALUD *8/1/2011 - 5/30/2012*
Hispanic health clinic volunteer

HEALTH RESOURCE CENTER (HRC) *8/1/2010 - 5/30/2013*
Student-run health clinic volunteer

TAR WARS *8/1/2011 - 5/30/2012*
Volunteer, Teacher

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EMPOWERING YOUTH TODAY (EYT)
Volunteer, Teacher

8/1/2011 - 5/30/2012

SAINT LOUIS UNIVERSITY
Premedical undergraduate student mentor

5/1/2011 - 2/30/2012

**SOCIETY
MEMBERSHIPS**

American Academy of Facial Plastics and Reconstructive Surgery
American Academy of Otolaryngology – Head and Neck Surgery
American Medical Association
American College of Surgeons
American College of Physicians
Society for Neuroscience