SS Chandrasekhar, M.D. 1 October 2017

#### **CURRICULUM VITAE**

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#### **SUMMARY**

- Past President, American Academy of Otolaryngology-Head & Neck Surgery
  - Immediate Past President, 2016-2017
  - President, 2015-2016
  - o President-Elect, 2014-2105
- Secretary/Treasurer, American Otological Society, 2016-present
- President, Board of Directors, American Academy of Otolaryngology-Head and Neck Surgery 2015-2016
- Past Chair, Board of Governors, American Academy of Otolaryngology-Head and Neck Surgery
- Clinical Professor of Otolaryngology, Hofstra-Northwell School of Medicine
- Clinical Associate Professor of Otolaryngology, Mount Sinai School of Medicine
- Consulting Editor, Otolaryngology Clinics of North America
- Secretary and Chief Medical Officer, Scientific Development and Research, Inc.
- Director of Neurotology, J J Peters Veterans Affairs Medical Center
- Director of the Comprehensive Balance Center, New York Head and Neck Institute
- Otolaryngology Attending Physician:
  - Lenox Hill Hospital, Manhattan Eye Ear Throat Hospital
  - Mount Sinai Hospital and New York Eye and Ear Infirmary
  - Saint Barnabas Medical Center
- Member, New York City Medical Reserve Corps

## ACADEMIC APPOINTMENTS

- Clinical Professor of Otolaryngology, Hofstra-Northwell School of Medicine, Long Island, NY, 2015 - present
- Clinical Associate Professor of Otolaryngology, Mount Sinai School of Medicine, New York, NY, October 2004 - present
- Associate Professor of Otolaryngology and Director of Otology/Neurotology, Mount Sinai School of Medicine, New York, NY, September 2001 – October 2004
- Associate Professor of Surgery, Division of Otolaryngology-Head & Neck Surgery, UMDNJ-NJ Medical School, Newark, NJ, July 2000 – September 2001
- Assistant Professor of Clinical Surgery, Division of Otolaryngology-Head & Neck Surgery, UMDNJ-NJ Medical School, Newark, NJ, February 1994 – June 2000
- Teaching assistant, General Surgery and Otolaryngology, New York University Medical Center, 1987-88 and 1989-92

## HOSPITAL APPOINTMENTS

New York Head and Neck Institute - Manhattan Eye, Ear & Throat Hospital/Lenox Hill Hospital,	
Northwell Health System, Attending Physician, Feb 2005 – present	
Developer and Director, Comprehensive Balance Center	
Bronx Veterans Affairs Medical Center, Attending Physician, Aug 2008 - present	
Director, Otology and Neurotology	
Medical Director, Vestibular Disorders Evaluation Clinic	
New York Eye and Ear Infirmary, Attending Physician, October 2004 – present	
Surgeon Member, NYEEI/Mount Sinai Cochlear Implant Center	
Mount Sinai Medical Center, New York, NY, September 2001 – present	
Director of Otology/Neurotology, September 2001 – October 2004	
Director of the Mount Sinai Cochlear Implant Center until October 2004	
Co-Director, Mount Sinai Hospital Universal Newborn Infant Hearing Screening Program	
Attending Physician,	
Saint Barnabas Medical Center, Livingston, NJ 1994 – Present	
Overlook Hospital, Summit, NJ 1998 - 2012	
Elmhurst Hospital, Queens Hospital Center, New York, NY, September 2001 – 2004	
UMDNJ-University Hospital, Newark, NJ 1994 – September 2001	
	eurotology, UMDNJ - University Hospital, Newark, New Jersey
Founding Medical Dir	rector, The Cochlear Implant Center of New Jersey
EDUCATION	
Undergraduate:	Sophie Davis School of Biomedical Education,
5	City College of the City University of New York, New York, N.Y.
	BS <i>cum laude</i> , June 1984
Graduate/Professional:	Mount Sinai School of Medicine, New York, N.Y.
	MD, June 1986
POSTGRADUATE TRAINING	
Internship and	7/86 - 6/88: Intern and Resident, General Surgery,
Residencies:	New York University Medical Center, New York, N.Y.
	7/88 - 6/92: Resident and Chief Resident,
	Otolaryngology - Head and Neck Surgery,
	New York University Medical Center, New York, N.Y.
Fellowship:	1/93 - 12/93: Clinical Fellow, Otology/Neurotology,
	House Ear Clinic and Institute, Los Angeles, California
Professional Development:	2003: Board of Governors (BOG), American Academy of
	Otolaryngology-Head and Neck Surgery (AAO-HNS) Leadership
	Development Program, Charter Alumna
	2003: American Association of Medical Colleges Mid-Career
	Women Faculty Professional Development Seminar
	<b>2008</b> : BOG, AAO-HNS Leadership Development Program
	2015: Leadership Program in Health Policy and Management at
	Brandeis Univ Heller School - as a recipient of the ACS/AAO-HNS

Health Policy Scholarship, May 31-June 6, 2015

#### **BOARD CERTIFICATION**

- Diplomate of the American Board of Otolaryngology- Head and Neck Surgery, March 31, 1993
- Diplomate of the ABOto in Neurotology #4299, June 1, 2011 to June 30, 2021

#### LICENSURE/NARCOTICS CERTIFICATION

New York Medical License: 178192, initial date of licensure: 1988 New Jersey Medical License: MA60458, initial date of licensure: April 1994 California Medical License: G-074400, exp 12/93 DEA #BC2086610 CDS #DO64329 NPI: 1649363151 ACLS Provider – American Heart Association Dec 2015 - Dec 2017 BCLS Certification Oct 2015 – October 2017

#### HONORS/ AWARDS

Luis Guerrero Memorial Lecturer, University of Santo Tomas, Manila, Philippines, October 2016 Distinguished Service Award, American Academy of Otolaryngology-Head & Neck Surgery, 2006, 2012, 2016

Physician Mentor Recognition Award, American Medical Association Women Physicians Section, 2013 Helen Krause MD Trailblazer Award, Women in Otolaryngology Section, AAO-HNS, Sept 2012 Veterans Administration Clinical Service Honor Award for Vestibular Disorders Evaluation Clinic, 2011 Cochrane Colloquium Grant Recipient from AAO-HNS Journal *Otolaryngology-Head and Neck Surgery*, 2011 – Attended Colloquium in Madrid, Spain.

Big-On-Goals Award, Board of Directors of the AAO-HNSF Board of Governors, 2006, 2007 Honorable Mention (Second Place for Basic Science Research), American Laryngological,

Rhinological & Otological (The Triological) Society Thesis, February 2003 First Prize – President's Award – in AAO-HNSF Poster Presentation Session, September 2000 First Prize at NY Academy of Medicine Otolaryngology Resident Research Night, June 2000 Best Research Attending Award from Otolaryngology Chief Residents, June 2000 Third Prize in COSM Combined Poster Session, May 2000

Best Teacher Award from Otolaryngology Chief Residents, June 1996 & June 1997 Faculty Advisor Award from NJMS/NJDS Indian Students Association, June 1995

International Biographical Centre, Cambridge, UK:

- 2000 Outstanding Intellectuals of the 21st Century, 9th Edition - 2015
- $\circ$  World Who's Who of Women, 15<sup>th</sup> Edition 2011
- o 2000 Outstanding Scientists 2010
- Intrl Health Professional of the Year 2006 Marquis Who's Who:
- Who's Who in America, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
- Who's Who in the World, 2009, 2010, 2012, 2013, 2014, 2015
- Who's Who in Medicine and Healthcare, 2009-2010, 2011-2012, 2013, 2014, 2015, 2016, 2017

Top Doctors: Overall and New York Metro Area, Castle Connolly Medical, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 Top Otolaryngologist – International Association of Healthcare Professionals, 2011, 2014

Honored Member, Strathmore's Who's Who, Millennial Edition 2000-2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 Best Doctors in America, 2007-2008, 2015-2016 America's Registry of Outstanding Professionals, 2008 Presidential Who's Who, 2008 Global Directory of Who's Who, 2008, 2009 America's Top Physicians, 2008 Who's Who in Executive and Professionals, National Register, 2001-2002 International Who's Who of Professional and Business Women, American Biographical Inst, 2001 Best Doctors in America, Woodward/White, Inc., 1996, 1997, 1998, 1999, 2000, 2013 'Top Docs' by New Jersey Monthly Magazine, 1998 Super Doctors, New York, 2014, 2015

## FOUNDATIONS and HUMANITARIAN OUTREACH

- Board Member, Mayflower Medical Outreach Foundation, 2017 present
- Council of Medical Trustees, Hearing Health Foundation, 2013 present
  - Centurion and 2010 State Chair, NY, Deafness Research Foundation Now the Hearing Health Foundation
- Medical Director, The Hear Here Foundation, New York City, 2003 2006.
  Foundation begun in 2003 by a grateful patient of mine to pursue Hearing research specifically for Sudden Hearing Loss, Humanitarian outreach, and Education, and was folded into the Deafness Research Foundation in 2006.
- Physician volunteer in Nicaragua, Mayflower Medical Outreach many medical/surgical/ teaching trips, group leader
- Surgery teaching trips to India Mumbai and Bangalore
- Surgeon volunteer and team leader for cochlear implant procedure for impoverished Romanian girl, Patricia Puia, in NYC, 2003 covered widely in print and television media

## PROFESSIONAL SOCIETY PARTICIPATION

American Academy of Otolaryngology-Head and Neck Surgery/Foundation Past President Immediate Past President, 2016-2017 President, 2015-2016 President-Elect, 2014-2015 Member, Executive Committee, 2010 to 2012 Member, Board of Directors, 2010 to present AAO-HNSF Guideline Methodologist, 2012 to present Governing Council, Women in Otolaryngology Section (WIOS), 2011 to 2015, 2017 to present Treasurer, AAO-HNS WIOS, 2017 - present Board of Governors, American Academy of Otolaryngology-Head and Neck Surgery Past Chair Chair, 2011 to 2012 Chair-Elect, 2010 to 2011 Member-At-Large, 2008 - 2010 American Neurotology Society Council Member, 2010 - 2013 Program Committee, 2008 to 2013; Constitution and Bylaws Committee, 2001-2006 American Otological Society Secretary-Treasurer, 2016 - present Member, Program Advisory Committee, 2006, 2013, 2014 Governor to AAO-HNS Board of Governors, 2012- present American Laryngological, Rhinological & Otological Society (Triological Society) Nominating Member representing the Eastern Section, 2012 Member, Program Committee for January 2008 Eastern Section meeting Member, Program Committee for January 2004 Eastern Section meeting Reviewer, the Triologic Society Resident Research Project Awards, 2003 - 2007 Fellow, American Academy of Otolaryngology-Head and Neck Surgery Methodologist and Member, Guidelines Development Task Force Chair, Guidelines Development Panel: Improving Voice Outcomes after Thyroidectomy

Co-Chair, Guidelines Development Panel: Sudden Hearing Loss Chair, Guideline Update Panel: Sudden Hearing Loss Governing Council Member and Founding Member, Women in Otolaryngology Section Chair, WIO Research & Survey Committee, and WIO Council on Committees, 2013 Treasurer, WIOS and Chair, Endowment Committee, 2017 -Founder and Member, Veterans Administration Otolaryngology Committee, 2017 -International Advisory Board, 2017 -Member, Program Advisory Committee, 2008 - 2016 Member, Equilibrium Committee, 2008 - 2016 Member, Otology & Neurotology Education Committee, 2007 – 2012 Member, SIPAC (Self-Instructional Package) Committee - until closed in 2007 Member, Hearing Subcommittee – until subcommittee was closed in 2003 American Medical Association American College of Surgeons New York Otologic Society New York City Medical Reserve Corps Glen Ridge, NJ Board of Health - until 2015 Alumni Fellowship Group, House Ear Institute – President, 2002-2004; ex-Treasurer Karnataka State Medical & Dental Alumni Association - Joint Treasurer NYU Otolaryngology Alumni Assoc. - President, 1998-1999 Tristate Balance Disorders Study Group – founding member National Association of Professional Women - 2011 - present Journals: Consulting Editor, Otolaryngologic Clinics of North America, Feb 2016 - present Member, International Liaison Committee, ENT & Audiology News, 2016 - present Otology & Neurotology Board of Directors, Member, 2013 – 2016 Reviewer, Archives of Otolaryngology-Head & Neck Surgery, 1996 - present Reviewer, Otology & Neurotology (formerly American Journal of Otology), 1996 - present Reviewer, Otolaryngology-Head and Neck Surgery, 1999 - present Reviewer, American Journal of Otolaryngology, 2002 - present Reviewer, International Journal of Pediatric Otolaryngology, 2003 - present Hospital/Practice Appointments: Director, Comprehensive Balance Center, Lenox Hill Hospital/Manhattan Eye Ear Throat Hospital of the NSLIJ Health System, 2014 to present Physician Practice Manager, Otolaryngology/Oral Maxillofacial Surgery Faculty Practice, Mount Sinai Medical Center, 2002 - 2003 Project Steering Committee, Operating Room, Mount Sinai Hospital, 2002 – 2004

 <u>GRANT SUPPORT</u>
 University Hospital ENT Clinic: Healthcare Provider for the Indigent and Working Poor. \$30,000 awarded by the Healthcare Foundation of NJ-Hyde and Watson Foundation, 2000. Co-PI's: Sujana S. Chandrasekhar, MD and Huma Quraishi, MD. January 2001 to January 2002.

Elected Member, Executive Board, NJMS University Physicians Associates 1994-1996

• Additional \$10,000 grant to the University Hospital ENT Clinic through the work of Sujana S. Chandrasekhar, MD and Huma Quraishi, MD by the Pettinos Foundation, 2001.

 Do Female ENTs Drop Out of the Academic Track, and, If So, Why? \$3500 awarded by the Women in Otolaryngology Section of the AAO-HNS. Co-PIs: Sujana S. Chandrasekhar, MD and J Anderson Eloy, MD, 2013.

## **GRANT REVIEW**

• January 2006 – reviewer for P50 application for NIH – NIDCD

# US FDA (Food & Drug Administration)

 Consultant to the FDA Ear, Nose, and Throat Devices Advisory Committee, April 2015 to present

## **TEACHING ACTIVITIES**

## Medical Students, Residents, Otolaryngology Students:

- Instructor, House Ear Institute Temporal Bone Surgical Dissection Courses, 1993, 1995 1997.
- Author of Otolaryngology Residents' Orientation Manual, NJMS.
- Director, Otology/Neurotology Curriculum and Director, Temporal Bone Surgical Dissection Course, Mount Sinai School of Medicine (MSSM), September 2001 October 2004.
- Invited Lecturer in Gross Anatomy and Brain & Behavior courses, MSSM, 2001 2011
- Laboratory Instructor, Temporal Bone Surgical Dissection, MSSM present
- Discussant, Monthly Otology Conference, MSSM 2015
- Preceptor in Otology/Neurotology for residents from 4 NYC ENT residency programs ongoing:
  - Mount Sinai, NYU, Columbia, Downstate
- Instructor, Vestibular Physiology, Hofstra Northwell School of Medicine, 2016, 2017

## Conferences:

- Faculty, "Current Concepts in Balance Disorders" Course presented by the JFK Medical Center, Edison, New Jersey, March 1994. *Lectures: Mechanics and Physiology of the Vestibular System; Surgery of Vertigo.*
- Program Director and Faculty, "New Jersey Otolaryngology Update," 4th Annual UMDNJ-Newark Eye and Ear Infirmary Alumni Day, June 1994. *Lecture: Pediatric Chronic Otitis Media*.
- Program Director, "Ophthalmologic Issues in Otolaryngology," 5th Annual UMDNJ-Newark Eye and Ear Infirmary Alumni Day, June 1995.
- Co-Director and Faculty, "New Jersey Temporal Bone Surgical Dissection Course," sponsored by the New Jersey Academy of Otolaryngology, October 1995.
- Faculty, "Current Concepts in Balance Disorders" Course presented by the JFK Medical Center, Edison, New Jersey, May 1996. *Lectures: Mechanics and Physiology of the Vestibular System; Canalith Repositioning Maneuvers for BPPV.*
- Co-Program Director and Faculty, "New Jersey Otolaryngology Update," 6th Annual UMDNJ-Newark Eye and Ear Infirmary Alumni Day, June 1996. *Lecture: Genetics of Hearing Loss for the Clinician*.
- Faculty, "New York Otology and Neurotology Update," Mount Sinai Medical Center, New York, NY, October 1996. *Lectures: Impact of Otitis Media on Binaural Hearing; Sudden Sensorineural Hearing Loss: How Much Treatment?*

- Faculty, New Jersey Speech-Language-Hearing Association Convention '97, May 1997. *Course: Comprehensive Management of Chronic Otitis Media.*
- Co-Program Director and Faculty, "Pediatric Otolaryngology Update," 7th Annual UMDNJ-Newark Eye and Ear Infirmary Alumni Day, June 1997. *Lecture: Impact of Otitis Media on Binaural Hearing*.
- Co-Program Director and Faculty, "Innovations in Otolaryngology," 8th Annual UMDNJ-NJMS Otolaryngology Alumni Day, June 1998. *Lecture: Update on Cochlear Implants*.
- Co-Program Director, "Office Based Otolaryngology," 9th Annual UMDNJ-NJMS Otolaryngology Alumni Day, June 1999.
- Co-Program Director and Faculty, "Emergencies in Otolaryngology," 10th Annual UMDNJ-NJMS Otolaryngology Alumni Day, June 2000. *Lectures: Sudden Sensorineural Hearing Loss, Acute Facial Paralysis.*
- Faculty, 'Surgical Technologies: Basic Science and Hands-On Experience' UMDNJ- NJMS, November 2000. *Lecture: Laser Middle Ear Applications*.
- Program Director and Faculty: 'Otology Update,' Mount Sinai Medical Center Department of Otolaryngology Alumni Day Conference and Joseph Goldman Lectureship, October 2002. *Lecture: Intratympanic Therapy for Sudden Sensorineural Hearing Loss.*
- Intensive Board Review in Geriatrics sponsored by Mount Sinai School of Medicine, 2005 and 2006: *Hearing Loss*. 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2017: *Hearing* and *Balance & Vertigo*.
- Faculty, 'Surgical Treatment of Chronic Ear Disease: A Temporal Bone Dissection Course,' Mount Sinai School of Medicine Dept. of Otolaryngology, March 2008. *Histology of the Temporal Bone* and Laboratory Instruction.
- Faculty: VISN 3 Polytrauma Conference: Returning Veterans: TBI, PTSD, and Related Issues. JJ Peters (Kinsgbridge) VA Medical Center, July 22, 2009. *Vestibular Issues in TBI; Hearing Loss, Tinnitus and Vestibular Rehabilitation*.
- Faculty, New York Academy of Traumatic Brain Injury 13<sup>th</sup> Annual Conference, May 2010. *Vestibular and Balance Problems Following TBI.*
- Faculty, New York Academy of Traumatic Brain Injury 14<sup>th</sup> Annual Conference, May 2011. *Vestibular and Balance Problems Following TBI.*
- Faculty, Endoscopic Surgery of the Sinuses and Eustachian Tube. Course Presented by Harvard Medical School/Massachusetts Eye and Ear Infirmary, 2008, 2010, 2012. *Surfactant and Steroid Treatments for ETD and OM*.
- Faculty, NJ Academy of Otolaryngology-HNS and NJ Academy of Facial Plastic Surgery 29<sup>th</sup> Annual Symposium, April 2012. *Use of Intratympanic Steroids for Sudden Hearing Loss* and *Legislative Update*.
- Faculty, NJ Academy of Otolaryngology-HNS and NJ Academy of Facial Plastic Surgery Annual Symposium, June 2014. *Hearing Loss Update* and *Economic and Social Issues in Otolaryngology*.
- Faculty, Implantable Auditory Devices: Indications, Technology, & Best Practices. The New York Head & Neck Institute, Northwell Health System, March 2015, NYC. *Osseointegrated Bone Conduction IAD* and *Financial Considerations and Insurance Coverage*.
- Special Guest Faculty, 9th Annual Symposium: Otolaryngology Update in NYC, Weill-Cornell Medical College, October 22-23, 2015. *Panelist, Challenging Otologic Cases* and *Presentation: Update from the American Academy of Otolaryngology-HNS.*

• Sacramento Society of Otolaryngology-HNS, July 2017. *Clinical Practice Guidelines Potpourri; Update on Healthcare Developments in the US.* 

## Visiting Professorships:

- Distinguished Visiting Professor, 41st Annual Residents Research Day, Western Ontario Medical Center, Schulich School of Medicine Department of Otolaryngology, London, ON, May 22, 2015. *The ABCDs of Leadership in OHNS*.
- Visiting Professor, Resident Graduation Day, Albert Einstein/Montefiore Medical Center Otolaryngology Department, June 8, 2015. Intranasal Surface for The Treatment of Eustachian Tube Dysfuntion and Otitis Media, Sudden Sensorineural Hearing Loss – Evidence-Based Management and The Latest From The Lab, Passion, Perseverance and Pursuit: My Path to Leadership in Otolaryngology.
- *Leadership in Otolaryngology*. Visiting Professorship, Albany Medical School Department of Otolaryngology, Albany, NY. June 2016.
- Intranasal Surfactant for ETD and OM, Decision-Making in COM, Evaluation of the Complex Dizzy Patient, Negotiation. Visiting Professorship, University of California Davis Department of Otolaryngology, Sacramento, CA, July 2017.

## Keynote Speaker:

- Canadian Society of Otolaryngology-HNS Annual Meeting, Saskatoon, Canada, 2017
  - Leadership
  - Discussant in Otology
  - Time Management for WIO Luncheon
- 19th Causse Course on Otology, Beziers, France, July 2017
  - Diagnosis and Management of the Complex Dizzy Patient
    - Grand Inquisitions in Otology
    - My 5 minute Meditation on Otology
    - (I was the first woman speaker in the history of this course)

## Courses:

- "Understanding Disease: Temporal Bone Histopathology" 2 hour course at the AAO-HNS annual meeting 1996, 1997, 1998, 1999; 1 hour course in 2000; 2 hour course in 2001, 2002, 2003; 1 hour course in 2004; 2 hour course in 2005, 2006, 2007, 2008, 2009, 2010; 1 hour course in 2011, 2 hour course in 2012, 2013, 2017.
- "Sudden Sensorineural Hearing Loss An Otologic Emergency" 1 hour course at the AAO-HNS meeting, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017.
- "Implantable Hearing Devices" 1 hour course at the AAO-HNS meeting, 2017.
- "Chronic Otitis Media" 1 hour course at the AAO- HNS meeting, 2009.
- "Comprehensive Management of Chronic Otitis Media" 3 hour course at the 1997 NJSHA meeting May 3, 1997.
- Laboratory Preceptor, Temporal Bone Surgical Dissection Course, New York Eye and Ear Infirmary, December 2006
- NJMS Otolaryngology Residents Basic Science Course program coordinator and instructor, 1996, 1997, 1998, 1999, 2000, 2001.
- NJMS Otolaryngology Residents Otology and Neurotology Lecture Series, 1994 2001.

#### Miniseminars/Panel Presentations:

- Moderator, Hearing Subcommittee Presentation: "Sudden Sensorineural Hearing Loss and Middle Ear Perfusion Techniques," presented at September 2002 Annual Meeting of the AAO-HNSF (over 500 attendees).
- Moderator, Otology Panel, Eastern Section Meeting of the Triologic Society, New York City, January 2004.
- Panelist, "Challenges in Stapes Surgery," American Otological Society Meeting May 2006.
- Otology Panelist and Session Moderator, Eastern Section Meeting of the Triologic Society, Philadelphia, PA, January 2008.
- Moderator, Women in Otolaryngology Committee Miniseminar, "Leadership Development: The Nuts and Bolts of Reaching Your Goals," Sept 2008 AAO-HNSF Annual Meeting.
- Guest Professor, Temporal Bone Dissection Course # 119, April 2009, University of Michigan at Ann Arbor Dept. of Otolaryngology-Head and Neck Surgery, Ann Arbor, MI.
- Moderator, American Neurotology Society Panel, "U.S. Healthcare Reform: How it will Affect the Practice of Otology and Neurotology," Sept 2010, ANS Fall Meeting, Boston, MA.
- Triological Society Panelist, "Transtympanic Drug Delivery," Jan 2011, Combined Sections Meeting.
- Moderator, American Neurotology Society Panel: "What's New in Single-Sided Deafness," Sept 2011, ANS Fall Meeting, San Francisco, CA.
- Panelist, Miniseminar: International Healthcare & Women; Roles & Challenges of Women in Sustainable Outreach. Subject: Barriers to Access for Poor, Rural Women in India. AAO-HNSF Annual Meeting, Sept 2011, San Francisco, CA.
- Panelist, Leadership Development, AAO-HNSF Annual Meeting, Sept 2011, San Francisco, CA.
- Panelist, Miniseminar: Clinical Practice Guidelines: Sudden Sensorineural Hearing Loss, AAO-HNSF Annual Meeting, Sept 2011, San Francisco, CA.
- Moderator, Miniseminar: Practice Pearls: Neurotology for the General Otolaryngologist, AAO-HNSF Annual Meeting, Sept 2012, Washington, DC.
- Presenter, Miniseminar: Finding Balance in a Surgical Career, AAO-HNSF Annual Meeting, Sept 2012, Washington, DC.
- Moderator, Miniseminar: Clinical Practice Guidelines: Improving Voice Outcomes after Thyroidectomy, AAO-HNSF Annual Meeting, Sept 2012, Washington, DC.
- Presenter, Miniseminar: Professional Advancement: Why Gender Differences Matter, AAO-HNSF Annual Meeting, Sept 2012, Washington, DC.
- Moderator, Miniseminar: Neurotologic Emergencies: What the General Otolaryngologist Needs To Know. Presented at AAO-HNSF Annual Meeting, Vancouver, Canada, Sept-Oct 2013.
- Panelist, Eustachian Tube Disorders Panel, Triological Society Combined Sections Meeting, Miami, Florida, January 2014.
- Moderator, Wake Up! Meeting the New Challenges in Otolaryngology Socioeconomic Panel, Triological Society Combined Sections Meeting, Miami, Florida, January 2014.
- Moderator, Miniseminar: Sudden Sensorineural Hearing Loss: Evidence-Based Management and the Latest in Research. AAO-HNSF Annual Meeting, Orlando, FL, Sept 2014.

- Panelist, Miniseminar on Publishing: Tips for practicing clinicians: publish your way to better patient care. AAO-HNSF Annual Meeting, Orlando, FL, Sept 2014.
- Panelist, Optimizing Use of EMR. Triological Society at COSM, Boston, MA, April 2015.
- Panelist, Limitations of Treatments in Sudden Sensorineural Hearing Loss, AAO-HNSF Annual Meeting, Dallas, TX, Sept 2015.
- Panelist, Getting to Where You Want to Be: Negotiation in Medicine, AAO-HNSF Annual Meeting, Dallas, TX, Sept 2015.
- Panelist, Publishing for Clinicians. AAO-HNSF Annual Meeting, Dallas, TX, Sept 2015.
- Panelist, Otology Panel: What They Did Not Teach You about Tinnitus. Triological Society Combined Sections Meeting, Miami, Florida, January 2016.
- Moderator, Panel: Etiology of Cholesteatoma. American Otological Society at Combined Otolaryngology Spring Meeting, Chicago, IL, May 2016.
- Panelist, Sudden Sensorineural Hearing Loss Evidence-Based Management. AAO-HNS/F Annual Meeting, San Diego, CA, September 2016.
- Moderator, Quiet Down! What Noise is Actually Doing to Us, AAO-HNS/F Annual Meeting, Chicago, IL, September 2017.

## National Conference:

- 16<sup>th</sup> Annual AAO-HNSF Cherry Blossom Conference: Rhinologic and Otologic Aspects of Skull Base Medicine and Surgery, March 2003.
  - Presentation: "Management of the Eye In Facial Nerve Paralysis."
  - Panelist: "Decision Making in Lateral Skull Base Surgery."
  - Moderator, Acoustic Neuroma Panel.
- Foundation for Innovation, Education and Research in Otolaryngology Conferences Lecturer, Discussant Leader: 2012, 2014, 2015, NYC.

# Patient and Device-related Symposia Directed by Dr. Chandrasekhar:

- Cochlear implantation Professionals' Forum November 2002
- Cochlear implantation Patients' Forum December 2002
- Baha surgery for CHL and SSD Professionals' Forum June 2003
- Baha surgery: A new alternative Patients' Forum June 2006
- Baha surgery for CHL and SSD Professionals' Forum January 2007
- Hearing aid symposium for patients, 2007
- Tinnitus management symposium for patients, 2007
- Tinnitus Lenox Hill Hospital, Fall 2010
- Hearing Options hearing aids and implantable devices MEETH, 2013
- Hearing Options hearing aids, implantable devices MEETH, 2016

# Career Development Talks:

- Career Choices Speaker, Women in Medicine/Surgery MSSM AMWA Student chapter, 2003
- Career Development Speaker on Otolaryngology MSSM March 2011
- Strong Women in Medicine Speaker Sophie Davis School of Biomedical Education/CUNY Medical School, March 2017
- Leadership and Paths to Get There Women in Otolaryngology at UC Davis, July 2017

#### Important Meetings Attended (where a presentation was not given):

- 19<sup>th</sup> Cochrane Colloquium, October 2011, Madrid, Spain. AAO-HNS Grant Awardee.
- Guidelines International Network Meeting, San Francisco, CA, August 2013.
- Cochrane Conclave, July 2014, Oxford, England.
- Guidelines International Network/NA E-GAPPS II Conf, NY, NY, March 2015.

# **PUBLICATIONS**

#### Epublished Courses:

- Chandrasekhar, Sujana S. and Micco, Alan G. (2011). Hearing Assessment. Course published in 2011. AAO-HNSF AcademyU® online classroom, archived at: <u>http://www.entnet.org/academyu</u>
- Chandrasekhar, Sujana S. and Saunders, James E. (2008 and 2011). Sudden Sensorineural Hearing Loss: An Otologic Emergency? AAO-HNSF AcademyU® online classroom, archived at: <u>http://www.entnet.org/academyu</u>

## **Original Peer-Reviewed Articles:**

- 1. **Chandrasekhar SS** and Jacobs JB: Endoscopic surgical approach for antrochoanal polyps. Rhinol 1991;5:211-213.
- 2. **Chandrasekhar SS**, Siverls V and Chandra Sekhar HK: Histopathologic and ultrastructural changes in the temporal bones of HIV-infected human adults. Am J Otol 1992;13:207-214.
- 3. **Chandrasekhar SS**, Brackmann, DE, and Devgan, KK: Utility of auditory brainstem response audiometry (ABR) in diagnosis of acoustic neuromas. Am J Otol 1995 Jan;16(1):63-67.
- 4. **Chandrasekhar SS**, De La Cruz A, Garrido E: Surgery of congenital aural atresia. Am J Otol 1995 Nov;16(6):713-7.
- 5. **Chandrasekhar SS**, House JW, Devgan U: Pediatric tympanoplasty: a 10-year experience. Arch Otolaryngol-Head Neck Surg 1995 Aug:121(8):873-8.
- 6. Kwartler J, Schulder M, Baredes S, **Chandrasekhar SS**: Endoscopic closure of the eustachian tube for persistent CSF oto-rhinorrhea. Am J. Otol 1996 May;17(3):470-2.
- Leeman DJ, Chandrasekhar SS, Brackmann DE, Poletti BJ: Collision tumors at the cerebellopontine angle: case report with literature review. Otolaryngol-Head Neck Surg 1997 Dec;117(6):S76-80.
- 8. Lee H-J, Lum C, Means K, **Chandrasekhar SS**, Brown L, Holodny A: Temporal Bone Fractures and Complications: Correlation between High-Resolution Computed Tomography and Audiography. Emerg. Radiol. 1998;5(1):8-12.
- 9. Youssef O, Rosen A, **Chandrasekhar SS**, Lee H-J: Cochlear Otosclerosis The Current Understanding. Ann Otol Rhinol Laryngol 1998 Dec;107(12):1076-9.
- 10. Chandrasekhar SS, Connelly PE, Brahmbhatt SS, Shah CS, Kloser PC, Baredes S: Otologic and Audiologic Evaluation of HIV-Infected Patients. Am J Otolaryngol 2000 Jan-Feb;21(1):1-9.
- 11. **Chandrasekhar SS**, Rubinstein RY, et al: Dexamethasone Pharmacokinetics in the Inner Ear. Otolaryngol Head Neck Surg 2000 Apr; 122:521-8.
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- 16. Venkatayan N, Troublefield YL, Ammar M el-S, Connelly PE, Mautone AJ, Chandrasekhar SS: Effect of Intranasal Metered Dose Aerosolized Surfactant on Passive Opening Pressure of the Eustachian Tube – Comparison Study in Two Animal Models. Otol Neurotol. 2002 Jan;23(1):3-7.
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- 18. Johnson D, **Chandrasekhar SS**, Mautone AJ. Intranasal Phenylephrine-Surfactant Treatment is Not Beneficial in Otitis Media with Effusion. Int J Pediatr Otorhinolaryngol. 2008 Jul; 72(7):1085-9.
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- 20. Wazen JJ, Young DL, Farrugia MC, **Chandrasekhar SS**, Ghossaini SN, Borik J, Soneru C, Spitzer JB. Successes and Complications of the Baha System. Otol Neurotol 2008 Dec; 29(8):1115-9.
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- 22. Goldstein, G. H., Malkin, B. D. and **Chandrasekhar**, **SS**. (2009), Osteoma of the Mastoid Cortex. The Laryngoscope, 119: S40.
- 23. De Los Reyes K, Chandrasekhar SS, Tagliati M, Alterman R. Successful Implantation of a Deep Brain Stimulator for Essential Tremor in a Patient with a Pre-existing Cochlear Implant: Surgical Technique: Technical Case Report. Neurosurgery 2010 Jun;66(6 Suppl Op):372.
- 24. Jang, D. W., Johnson, E. and **Chandrasekhar, SS**. (2010), Neuromonics<sup>™</sup> Tinnitus Treatment: Preliminary Experience in a Private Practice Setting. The Laryngoscope, 120: S208.
- 25. Sambur, IM., **Chandrasekhar, SS**. and Govindaraj, S. (2010), Traumatic Wound Breakdown Following *baha*<sup>™</sup> Implant. The Laryngoscope, 120: S218.
- 26. Pelosi S, **Chandrasekhar SS**.Soft tissue overgrowth in bone-anchored hearing aid patients: use of 8.5 mm abutment.J Laryngol Otol. 2011 Jun;125(6):576-9. Epub 2011 Apr 1.
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- 34. **Chandrasekhar SS**. The assessment of balance and dizziness in the TBI patient. NeuroRehabilitation. 2013;32(3):445-54.
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- Carlton DA, Iloreta AM, Chandrasekhar SS. Endoscopic-assisted transmastoid decompression of petrous apex cholesterol granuloma. Laryngoscope. 2017 Feb;127(2):496-499.
- 45. **Chandrasekhar SS**. See One, Do One, Teach One: No More. Otolaryngol Clin North Am. 2017 Aug.
- 46. **Chandrasekhar SS**. More than Just Mitoses: Complete Care of the Patient with Head and Neck Cancer. Otolaryngol Clin North Am. 2017 Aug.
- 47. Eloy JA, Bobian M, Svider PF, Culver A, Siegel B, Gray ST, Baredes S, Chandrasekhar SS, Folbe AJ. Association of Gender With Financial Relationships Between Industry and Academic Otolaryngologists. JAMA Otolaryngol Head Neck Surg. 2017 Jun 1.
- 48. **Chandrasekhar SS**. Harnessing Technology at the Edges of Otolaryngology. Otolaryngol Clin North Am. 2017 Jun.
- 49. **Chandrasekhar SS**, Carlton DA, Iloreta AMC.In response to Endoscopic-assisted transmastoid decompression of petrous apex cholesterol granuloma. Laryngoscope. 2017 Jun;127(6):E211.
- 50. **Chandrasekhar SS**. Anterior Skull Base Malignancies-The Otolaryngologist's Contribution. Otolaryngol Clin North Am. 2017 Apr.
- 51. Anne S, **Chandrasekhar SS**. In reference to Otolaryngology workforce analysis. Laryngoscope. 2017 Aug;127(8):E291-E292.
- 52. Chandrasekhar SS. <u>Chronic Rhinosinusitis: A "Simple" Complex Condition.</u> Otolaryngol Clin North Am. 2017 Feb.

# Invited Contributions:

- 1. Koenigsberger MR, Chandrasekhar SS: El nino con mareos. [An infant with dizziness] Rev Neurol (Barc) 1995;23 Suppl 3:S410-7.
- 2. Chandrasekhar, SS: American Medical Women's Association Conference Highlights by the Otolaryngology Representative from the AAO-HNSF, *The Bulletin*, March 2001.
- 3. Chandrasekhar SS, Saunders JE: AAO-HNSF Supports Efforts to Ease the Burden of Hearing Loss in the World. <u>http://www.entnet.org/AboutUs/upload/BHSM-Global-Hearing-Loss-article-2.pdf 2012-05-01</u>

# Books:

- 1. Chandrasekhar SS, Saunders JE. AAO-HNSF SIPAC (Self-Instructional Packet Monograph): Sudden Sensorineural Hearing Loss, published 2008.
- Chandrasekhar SS. <u>What Do I Do Now? Neurotology</u>. Section III- Tinnitus; Section V-Neurologic Complications of Otitis Media. D Kohan, S Heman-Ackah, S Chandrasekhar, eds., 2014
- 3. Chandrasekhar HK, Chandrasekhar SS. Temporal Bone Histology and Radiology Atlas, Plural Publishing in production to be released in 2018.

# **Book Chapters:**

1. Chandrasekhar SS De La Cruz A, Telischi F and Lo WWM: Imaging of the facial nerve, in <u>Textbook of Neurotology</u>, RA Jackler and DE Brackmann, editors, Mosby Yearbook, Publishers.

- De La Cruz A, Chandrasekhar SS: Transcochlear approach for cerebellopontine angle lesions. In <u>Otologic Surgery</u>, Chap 54, DE Brackmann, C Shelton and M Arriaga, eds. WB Saunders, Publishers. Revised in 1999.
- 3. De La Cruz A, Chandrasekhar SS: Congenital malformations of the temporal bone. In <u>Otologic</u> <u>Surgery</u>, Chapter 6, DE Brackmann, C Shelton and M Arriaga, editors. WB Saunders, Publishers. Revised in 1999.
- 4. De La Cruz A, Chandrasekhar SS: Congenital malformation of the temporal bone. In <u>Highlights of Instructional Courses, 1994</u> American Academy of Otolaryngology-Head and Neck Surgery, F.E. Lucente, editor.
- 5. Chandrasekhar SS: Office treatment of benign paroxysmal positional vertigo. In: <u>Office</u> <u>Techniques in Otolaryngology HNS</u>, Krespi, Blitzer, Jahn, editors.
- 6. Chandrasekhar SS: Pathology of Acoustic Neuroma. In: <u>Acoustic Tumors: 3rd edition</u>, Luetje, House, Doyle, editors.
- 7. De La Cruz A, Chandrasekhar SS: Total stapedectomy and mechanical small fenestra stapedotomy. In: Operative Techniques in Otolaryngology-Head and Neck Surgery, Vol. 9, No. 1, March 1998; 33-37.
- De La Cruz A, Chandrasekhar SS: Reconstruction Surgery of the Ear: Auditory Canal and Tympanum. In: <u>Otolaryngology Head & Neck Surgery</u>, 3<sup>rd</sup> Edition, Vol. 5. CW Cummings, JM Fredrickson, LA Harker, CJ Krause, MA Richardson, DE Schuller, editors, 1999.
- 9. Chandrasekhar SS: Temporal Bone Tumors in Childhood: Sarcomas. In: <u>Tumors of the Ear and</u> <u>Temporal Bone</u>, RK Jackler & C Driscoll, editors. Lippincot Williams & Wilkins, 2000.
- 10. Chandrasekhar SS: Sudden Sensorineural Hearing Loss. In <u>Essentials of Otology and Neuro-Otology</u>, A De La Cruz & MA Arriaga, editors, 2007.
- 11. Chandrasekhar SS: Intratympanic Therapy for Sudden Hearing Loss. Chapter 30 in: <u>Ear and</u> <u>Temporal Bone Surgery: Minimizing Risks and Complications</u>, R Wiet, editor, 2006, Thieme.
- 12. Chandrasekhar SS: Meniere Disease. Chapter 6 in: <u>Vertigo and Disequilibrium: A Practical</u> <u>Guide to Diagnosis and Management</u>, P. Weber, editor, 2008, Thieme.
- 13. Chandrasekhar SS. Management of Balance and Dizziness in the TBI Patient. <u>Neurorehabilitation</u>. BD Greenwald, J Gurley, editors, 2012.
- 14. Chandrasekhar SS, Gooden CK. Otologic Surgery. <u>Anesthesiology and Otolaryngology</u>. AJ Levine, S Govindaraj, S De Maria, editors, 2013, Springer.
- 15. Chandrasekhar SS. Otologic Migraine. Otolaryngology Clinics of North America, 2015, Nov 2013.
- 16. Chandrasekhar SS. in Being a Woman Surgeon, 2014.
- 17. Chandrasekhar SS. in Neurotology Handbook, 2015.
- 18. Chandrasekhar SS. 2 chapters: Sudden Sensorineural Hearing Loss and Congenital Aural Atresia, <u>Otorhinolaryngology Head and Neck Surgery 2nd edition</u>, Chris De Souza, Pankaj Chaturvedi, Alan Langman, Guy Kenyon, Abir Bhattacharya, Nupur Nerurkar, Andrew Swift, editors, Jaypee Brothers Medical Publishers Ltd.
- 19. Chandrasekhar SS: Otitis Media (Chapter 21) in <u>Otology, Neurotology, and Skull Base</u> <u>Surgery: Clinical Reference Guide</u>, McRackan T and Brackmann DE, editors, 2016, Plural Publishing.
- 20. Chandrasekhar SS: Meniere Disease in: <u>Vertigo and Disequilibrium: A Practical Guide to</u> <u>Diagnosis and Management, 2nd ed</u>, P. Weber, editor, 2016, Thieme.
- 21. 3 chapters in <u>Proceedings of the 10th International Conference on Cholesteatoma and Ear Surgery 2016</u>, Edinburgh, UK, Yung M, editor, Kugler Publ. a: Chandrasekhar, SS: Managing cholesteatoma: Something old, something new, and something borrowed. B:

Chandrasekhar SS: Bone cements for mastoid/posterior canal wall reconstruction. C: Chandrasekhar SS, Mautone AJ: Surfactant and Eustachian tube dysfunction/otitis media.

## Book Review:

• Meniere's Disease: Perspectives in the '90's: Reviewed in Am J Otol, 18(6):792-4, 1997.

## **INVITED LECTURES/PRESENTATIONS**

## Invited Lectures:

- *Otolaryngology for the Medical Practitioner*, Osler Institute Internal Medicine Review Course, Baltimore, MD, Spring 1994
- *Otology for the Hearing Aid Dispenser*, Northeastern Conference of Hearing Health Professionals, Atlantic City, NJ, Spring 1996
- *The Problem of the Dizzy Patient: What is the Appropriate Workup in the 1990s?*, 20th Annual Convention and CME Seminar, KSMD Alumni Association of America, New York, NY, 8/96
- Impact of otitis media on binaural hearing. New York Otology and Neuro-otology Update, New York, NY, Oct-Nov 1996.
- *Sudden SNHL: How much treatment?* New York Otology and Neuro-otology Update, New York, NY, Oct-Nov 1996.
- *The Facial Nerve in Temporal Bone Trauma*, UMDNJ-University Hospital Multi-disciplinary Facial Trauma Conference, April 1999
- *Cochlear Implant Update for Hearing Health Professionals*, New Jersey Association of Hearing Health Professionals, Cranbury, NJ, December 1, 1999
- *Current Status of Cochlear Implants with Emphasis on Newly Expanded Candidacy Criteria*, NJ Academy of Otolaryngology-HNS and NJ Chapter of American College of Surgeons Fall Meeting, Atlantic City, NJ, December 4, 1999
- *Sudden sensorineural hearing loss.* Management of Challenges in Otology conference, New York City, June 2000.
- *Lateral Skull Base Tumors*. Bergen County Society of Otolaryngologists-Head and Neck Surgeons, Paramus, New Jersey, April 2001.
- *Hydroxyapatite Bone Cement*. Management of Challenges in Otology conference, New York City, December 2001.
- *Transtympanic Therapy*. Management of Challenges in Otology conference, New York City, June 2003.
- *The Ethics of Cochlear Implantation*. Mount Sinai School of Medicine Center-Wide Ethics Luncheon. August 2002.
- *Transtympanic Therapy for Meniere's Disease*. Invited Presentation to the American Neurotology Society, Orlando, FL, September 2003.
- *Middle Cranial Fossa Approach to Skull Base Tumors*. Mount Sinai Advanced Neurosurgical Techniques Symposium, New York City, December 2004.
- *Sound Cancellation for Monofrequency Tinnitus*. 23<sup>rd</sup> Annual Meeting, International Tinnitus Forum, Los Angeles, CA, Sept. 2005.
- *Baha Implants Indications and Surgical Technique*. Lecture and Laboratory Instruction, New York Eye and Ear Infirmary Dept. of Otolaryngology, December 2006.
- Innovations in Hearing Restoration in Children. New York Pediatric Society, March 2007.
- Visual Rehabilitation in the Complicated Dizzy Patient. Hugh Biller Lectureship, Mount Sinai School of Medicine, NYC, June 2007.

- Office Management of the Chronic Draining Ear. Panelist, 13<sup>th</sup> Annual Combined Otolaryngology Symposium & Goldman Lecture, Mount Sinai School of Med., Oct. 2007.
- *Childhood Deafness Need for Early Diagnosis and Intervention.* 25<sup>th</sup> Annual CME Session of Karnataka State Medical and Dental Alumni Association of America, October 2010.
- *Tinnitus, Vertigo, and Sudden Hearing Loss: My Quick Approach.* Nassau Surgical Society Annual Clinic Day, December 2010.
- *The Ethics of Cochlear Implantation*. Mount Sinai School of Medicine Center-Wide Ethics Luncheon. May 2011.
- Sudden Sensorineural Hearing Loss. Long Island Society of Otolaryngology, Sept. 2011.
- Legislative Update. Long Island Society of Otolaryngology, Sept. 2011.
- *Ear Diseases and Existing Treatments.* Hearing Health (formerly Deafness Research) Foundation Summit 2011: The Promise of Cell Regeneration, NYC, Oct. 2011. Video is posted on line.
- Health Care Reform for the Otolaryngologist, Eustachian Tube Disorders and Treatment, s Sudden Sensorineural Hearing Loss. Autumn in New England Otolaryngology Meeting, Dartmouth, NH, Oct. 2011.
- Intranasal Surfactant for Otitis Media and Eustachian Tube Dysfunction. 22<sup>nd</sup> Annual Alumni Day Symposium, UMDNJ-NJMS Dept of Otolaryngology, NJ, June 2012.
- *Otology Update, Academy/BOG Update,* Harry Barnes Society, National Medical Association Annual Meeting, New Orleans, LA, July 2012.
- AAO-HNS Update, Migraine-Associated Dizziness, Science and Practice of Intratympanic Therapy, Otology Panelist. Autumn in New England Otolaryngology Meeting, Dartmouth, NH, Oct. 2012.
- AAO-HNS Clinical Practice Guidelines Potpourri, Implantable Hearing Aid Solutions 2014, Doctor, I'm Dizzy. Georgia Society of Otolaryngology/Head and Neck Surgery Summer Meeting, Amelia Island, FL, July 2014.
- AAO-HNS Clinical Practice Guidelines, Panelist-Difficult Otologic Cases. 25th Annual Alumni Day Symposium, UMDNJ-NJMS Dept of Otolaryngology, NJ, June 2015.
- *Clinical Practice Guidelines Potpourri*, AAOIH Meeting at AAO-HNSF Annual Meeting, Dallas, TX, Sept 2015.
- *The ABCDs of Leadership in ENT*, Northwest Academy of Otolaryngology, Seattle, WA, January 2016.
- *Clinical Practice Guidelines, Quality Reporting, Data Registry, Oh My! Otolaryngology in 2016, Metro DC Otolaryngology Society, March 2016.*
- Intranasal Surfactant for Eustachian Tube Dysfunction, AAO-HNS Update. Cedars-Sinai Medical Center, Los Angeles, CA, April 2016.
- Intranasal Surfactant for Eustachian Tube Dysfunction, AAO-HNS Update. House Clinic and House Ear Institute, Los Angeles, CA, April 2016.
- The Multidisciplinary Team Approach to the Care of the Dizzy Patient: Adding Vestibular and Vision Therapy. Luis E. Guerrero Memorial Lecturer, University of Santo Tomas, Manila, Philippines, October 2016.
- *Global Outreach in Otolaryngology, Congenital Aural Atresia.* Ultimate Midwinter Meeting, Vail, Colorado University of Colorado, January 2017.

## Grand Rounds Presentations:

- *Histopathologic Findings in Temporal Bones of HIV Infected Humans*. University of California at San Francisco, Dept. of Otolaryngology-HNS, San Francisco, CA, May 1991.
- *Physiology of the Labyrinth and Surgical Management of Peripheral Vestibular Disorders.* UMDNJ NJMS Department of Neurosciences, Newark, NJ, September 1994.
- *Congenital Aural Atresia*. State University of New York Health Science Center at Brooklyn Department of Otolaryngology HNS, Brooklyn, NY, October 1994.
- *Childhood Sensorineural Hearing Loss.* United Hospitals Medical Center, Department of Pediatric Surgery, Newark, NJ, February 1995.
- *Neurotologic Approach to Skull Base Tumors*. UMDNJ NJMS Section of Neurological Surgery, Newark, NJ, March 1995.
- *Examination of the Ear*. UMDNJ-New Jersey Dental School, Newark, NJ, April 1996 and November 1996.
- *Management of the Dizzy Patient*. United Hospitals Medical Center, Department of Medicine, Newark, NJ, February 1997.
- *Medical and Surgical Management of Peripheral Vestibular Disorders*. State University of New York Health Science Center Dept. of Otolaryngol HNS, Brooklyn, NY, May 1997.
- *Management of Facial Nerve Trauma*. UMDNJ NJMS Section of Plastic Surgery, Newark, NJ, Aug. 1997.
- *Head and Neck Masses*. Hackensack University Medical Center Department of Medicine, Hackensack, NJ, Aug. 1997.
- Otologic Complications of Cleft Lip and Palate. UMDNJ NJMS Plastic Surgery, Newark, NJ, April 1998.
- *Skull Base Tumors*. State University of New York Health Science Center Dept. of Otolaryngol HNS, Brooklyn, NY, July 1998.
- *Congenital Aural Atresia*. New Jersey Medical School Division of Otolaryngology-HNS, Newark, NJ, February 1999.
- Sudden Sensorineural Hearing Loss. New Jersey Medical School Division of Otolaryngology-HNS, Newark, NJ, October 1999.
- Vestibular Disorders. NJMS Division of Otolaryngology-HNS, Newark, NJ, March 2000.
- *Cochlear Implants*. Department of Otolaryngology-HNS at Montefiore Medical Center/ Albert Einstein College of Medicine, Bronx, NY, April 2000.
- Use of Intranasal Medication in Otitis Media with Effusion. Research Forum Presentation, UMDNJ-NJMS Department of Surgery, Newark, NJ, May 2000.
- *Otolaryngology in Nicaragua*. NJMS Division of Otolaryngology-HNS, Newark, NJ, September 2000.
- Visiting Professor, SUNY Stonybrook Department of Otolaryngology, Long Island, NY, May 29, 2001.
- Intranasal Surfactant for the Treatment of Otitis Media with Effusion. State University of New York at Stonybrook Department of Pediatrics & Department of Otolaryngology Combined Grand Rounds, Long Island, NY, May 30, 2001.
- Intranasal Surfactant for the Treatment of Otitis Media with Effusion and Implantable Hearing Devices. Department of Otolaryngology, Albany Medical College, Albany, NY, Feb. 7, 2002.
- Hearing Restoration. Department of Neurological Surgery, Mount Sinai Medical Center, NY, NY, 2002.
- *Hearing Restoration*. Department of Geriatrics, Mount Sinai Medical Center, NY, NY, 2002.

- *Congenital Aural Atresia.* Department of Otolaryngology, SUNY-Downstate Medical Center, LICH, Brooklyn, NY, Fall 2002.
- Intranasal Surfactant for the Treatment of Otitis Media with Effusion. Department of Otolaryngology, Long Island Jewish Medical Center, Manhasset, New York, October 7, 2002.
- Intranasal Surfactant for the Treatment of Otitis Media with Effusion. Department of Otolaryngology, New York University Medical Center, New York, NY, February 3, 2003.
- Cochlear Implantation in Children. Department of Pediatrics, Mount Sinai Medical Center, NY, NY, April 2003.
- *Congenital Aural Atresia*. Department of Otolaryngology, Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, January 2004.
- *Temporal Bone Histology with Radiologic Correlates.* Division of Otolaryngology-HNS, UMDNJ-NJMS, Newark, NJ, January 2005.
- Chronic Otitis Media: Diagnosis and Management. Department of Otolaryngology, Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, Spring 2006.
- *Ethics of Cochlear Implantation*. UMDNJ-New Jersey Medical School Div of Otolaryngology, Newark, NJ, January 2007.
- Intranasal Surfactant for Eustachian Tube Dysfunction. Univ. of Michigan Department of Otolaryngology, Ann Arbor, Michigan, April 2009.
- Diagnosis and Management of Dizziness. Bronx VA Medical Center Dept of Neurology, 2010.
- *Congenital Aural Atresia.* SUNY-Downstate Medical Center Dept of Otolaryngology, Brooklyn, NY, September 2010.
- *Healthcare Reform and the Otolaryngologist*. Mount Sinai School of Medicine Dept. of Otolaryngology, NY, NY, March 2011.
- Healthcare Reform and the Otolaryngologist New York Eye and Ear Infirmary Department of Otolaryngology, NY, NY, March 2011.
- Otology and Neurotology for the Internist. Richmond University Medical Center Department of Medicine, Staten Island, New York, September 2012.
- Vestibular Schwannoma (Acoustic Neuroma) Update: 2013. NorthShore-LIJ Department of Neurosurgery, Hofstra University Medical School, Manhasset, NY, February 2013.
- Sudden Hearing Loss. Department of Otolaryngology, SUNY-Downstate Medical Center, Brooklyn, NY, October 2013.
- *Vestibular Dysfunction after Traumatic Brain Injury.* Department of Rehabilitation Medicine, Icahn/Mount Sinai School of Medicine, NY, NY, October 2013.
- Hearing Loss and Tinnitus. General Internal Medicine, Icahn/Mount Sinai School of Medicine, NY, NY, January 2015.
- Clinical Practice Guidelines Potpourri and Intranasal Surfactant for ETD and OM. Northwestern University Medical Center Department of Otolaryngology, Chicago, IL, April 2015.
- Clinical Practice Guidelines Potpourri. Icahn School of Medicine Dept of Otolaryngology at Mount Sinai, NYC, July 2015.
- Chronic Otitis Media: Preoperative Preparation for Best Surgical Outcomes and Dizziness and Vertigo in Traumatic Brain Injury. SUNY Downstate Department of Otolaryngology, Brooklyn, NY, September 2015.
- *Clinical Practice Guidelines, Quality Reporting, Data Registry, Oh My! Otolaryngology in 2016*, University of Miami, Miller School of Medicine, Dept of Otolaryngology, Jan 2016.
- Intranasal Surfactant Therapy for ETD and OM. Georgetown Medstar Department of Otolaryngology, Washington, DC, March 2016.

- *Hearing Loss in the Elderly*, Mount Sinai Department of Geriatrics, New York, NY, March 2016.
- *Balance Disorders in the Elderly*, Mount Sinai Department of Geriatrics, New York, NY, May 2017.
- Doctor, I'm Dizzy: Evaluation and Management of the Patient with Complex Vestibular Dysfunction, Participation and Leadership Opportunities in Otolaryngology. SUNY-Downstate Medical Center Department of Otolaryngology, September 2017.

## International Experience:

- Invited Lectures: *Congenital Aural Atresia* and *Skull Base Tumors*, Dada Nanavathi Memorial Hospital Temporal Bone Dissection Course, Bombay, India, December 1998.
- Surgical Teaching Course in Costa Rica with Antonio De La Cruz, MD, 1993. Procedures performed: translabyrinthine/suboccipital excision of acoustic neuroma, stapes mobilization, evaluation of patient with glomus jugulare tumor.
- Otolaryngology in Nicaragua, 2000. Mayflower Medical Mission. Saw 133 patients, performed 13 operations and 8 office procedures in Jinotega, Nicaragua. Taught visiting Otolaryngology doctors in the clinic and in the operating room.
- Invited Lectures and Panel Discussions, PanAmerican Otorhinolaryngological Society Conference, San Francisco, CA, July 2002.
- Invited Lectures: *Cochlear Implantation* and *Intranasal Surfactant for OME*, Sao Paulo Medical Center, Brazil, February 2003.
- Otolaryngology in Nicaragua, 2004. Mayflower Medical Mission. Saw over 200 patients, performed 16 operations and several office procedures in Jinotega, Nicaragua. Taught visiting Otolaryngology doctors in the clinic and in the operating room. Mentored two American residents.
- Invited surgeries and lecture, Manipal Hospital, Bangalore, India December 2005. *Histology of the Temporal Bone with Radiographic Correlation*.
- Invited lecture, Karnataka State Medical and Dental Alumni Association Conference, Bangalore, India December 2005.
- Otolaryngology in Nicaragua, 2006. Mayflower Medical Mission. Teaching surgical mission trip to Managua for 1 week. Performed 16 operations, treated over 100 patients in the clinic, taught residents and attending physicians. Led a team of four anesthesiologist, otolaryngologist, operating room nurse, otolaryngology assistant.
- AAO-HNSF Panelist on Hearing Loss in the Developing World, Panamerican Congress of ORL, Quito, Ecuador, June 2008.
- Invited Guest Lecturer, Cochlear Implant Group of India CIGICON 2008, Bangalore, India, November 2008. Lectures: *Baha technique and complications, Soft surgery for cochlear implantation, Ethics of Cochlear Implantation.*
- AAO-HNSF Panelist on Hearing Loss and its Prevention in the Developing World, International Federation of Otolaryngology Societies (IFOS) meeting, Sao Paolo, Brazil, June 2009.
- Panelist, lecture on Intranasal Treatment of Otitis Media, International Federation of Otolaryngology Societies (IFOS) meeting, Sao Paolo, Brazil, June 2009.
- Otolaryngology in Nicaragua, November 2010. Mayflower Medical Mission. Teaching surgical mission trip to Managua for 1 week. Team Leader. Performed 20 operations, included cochlear and first-ever baha implants in Nicaragua, treated patients in the clinic, taught residents and attending physicians.

- International Guest Professor, Week of Otology 2011, March 15-17, Bogota, Colombia.
- International Invited Guest Professor. Lectures: Clinical and Histopathological Correlation of Otologic Diseases, Chronic Otitis Media: Diagnosis and Surgery, Symposium: Hearing Loss Experts Opinion, Panelist: Management of Sudden Hearing Loss. VII Triologico Otolaryngology Meeting, Caracas, Venezuela, May 2012.
- Invited Lectures: Sudden Sensorineural Hearing Loss and Histology and Histopathology of the *Temporal Bone*, Sao Paulo Medical Center, Brazil, July 2012.
- Otolaryngology in Nicaragua, February 2013. Mayflower Medical Mission. Teaching surgical mission trip to Managua for 1 week. Team Leader. Performed 20 operations, treated patients in the clinic, taught Nicaraguan residents and attending physicians, mentored high school students, resident, and fellow from the US.
- Intratympanic Therapy for Sudden Hearing Loss, Surfactant Treatment for Eustachian Tube Dysfunction. 29<sup>th</sup> Politzer Society Meeting, Antalya, Turkey, November 2013.
- Pearls and pitfalls in diagnosis in chronic otitis media, Fluctuating Childhood CHL and Binaural Auditory Processing, Watchful waiting: Conservative management of acoustic neuroma, Management of challenging acoustic neuromas, Temporal bone histology with radiologic correlates, Ethics in Pediatric CI, Implantable hearing solutions – which, when & why? 11<sup>th</sup> Annual Middle East Otolaryngology Update - Sponsored by Cleveland Clinic, Dubai, UAE, April 2014.
- Sudden Hearing Loss: the latest in research and practice guidelines for treatment, Cochlear Implants- round table on Cochlear Impairments, Maxum Hearing Implant- found table on Electronic hearing implants. 102nd National Congress of the Italian Society of Otolaryngology Head and Neck Surgery, Rome, Italy, May 2015.
- Vestibular and Balance Dysfunction in Traumatic Brain Injury; Sudden Sensorineural Hearing Loss; Intranasal Surfactant Therapy for Eustachian Tube Dysfunction and Otitis Media. Brazilian Association of Otolaryngology Four Otology Conference, Sao Paolo, Brazil, June 2016.
- *Leadership in Otolaryngology*. UNIFESP Hospital Grand Rounds, Sao Paolo, Brazil, June 2016.
- *Hearing Anatomy, Physiology, Pathophysiology, Treatments.* Albert Einstein School of Medicine, Sao Paolo, Brazil, June 2016.
- Bone Cements for Mastoid/Posterior Auditory Canal Reconstruction; Something Old, Something New, Something Borrowed: American Otologic Society Panel on Controversies in Aetiology and Management of Cholesteatoma; Surfactant and Eustachian Tube Dysfunction/Otitis Media. Chole 2016, Edinburgh, Scotland, UK, June 2016.
- AAO-HNS/F Clinical Practice Guidelines Update; Next Generation Inner Ear Pharmacology; Sudden Sensorineural Hearing Loss. Pan American Society of Otolaryngology, Havana, Cuba, June 2016.
- Implantable Hearing Solutions; AAO-HNS Clinical Practice Guidelines Update; Leadership in Otolaryngology. Venezuelan Society of Otolaryngology, Caracas, Venezuela (by Skype), June 2016.
- Vestibular and Balance Dysfunction in Traumatic Brain Injury: Ethical Considerations in Cochlear Implantation; Sudden Sensorineural Hearing Loss; Contemporary Management of Vestibular Schwannoma; AAO-HNS Clinical Practice Guideline Potpourri. Association of Otolaryngology of India Annual Meeting, Kolkata, India, August 2016.
- Hearing Loss. Kolar Medical School, Kolar, India, August 2016.

- Leadership in Otolaryngology, Clinical Practice Guidelines Potpourri, Sudden Hearing Loss, Diagnosis and Management of the Complex Dizzy Patient, Next Generation Inner Ear Pharmacology, Implantable Hearing Devices. Otology on the Nile, Cairo, Egypt, Dec 2016.
- Panelist, Vestibular Migraine: Visual-Vestibular Mismatch: Optometric Assessment and Management in Vestibular Migraine; Panelist, Consensus on Sudden Hearing Loss; Moderator: AAO-HNS Clinical Practice Guidelines, International Federation of Otolaryngology Socieites Meeting, Paris, France, June 2017.

## Presentations:

- Endoscopic surgical aproach for antrochoanal polyps. First International Symposium Contemporary Sinus Surgery. Pittsburgh, PA, November, 1990.
- Temporal bone findings in an AIDS patient with pneumocystic carinii mastoiditis and bilateral sensorineural hearing loss. Section on Otolaryngology, New York Academy of Medicine Residents' Night, December 1990.
- Histopathologic and ultrastructural changes in the temporal bones of HIV infected human adults. American Otologic Society at COSM, Hawaii, May 1991.
- Mandibular resection and replacement for infratemporal fossa exposure. North American Skull Base Society, Mexico, February 1992.
- Metastasis of breast carcinoma to cerebellopontine angle meningioma. Pacific Coast Oto-Ophthalmologic Society, June 1993.
- Electrical stimulation for facial nerve paralysis. Pacific Coast Oto-Ophthalmologic Society, June 1993.
- Management of Meniere's Disease. San Francisco Otology, Neurotology and Skull Base Surgery Update. San Francisco, CA Sept. 1993.
- Utility of ABR in diagnosis of acoustic neuromas. American Neurotology Society Meeting at COSM, Palm Beach, FL, May 1994.
- Congenital aural atresia surgery: Experience and refinements over the past ten years. American Otological Society Meeting at COSM, Palm Beach, FL, May 1994.
- Pediatric tympanoplasty: A ten-year experience. American Society of Pediatric Otolaryngology Meeting at COSM, Palm Beach, FL, May 1994.
- Otologic findings in patients infected with Human Immuno-deficiency Virus. Eastern Section meeting of the American Laryngological, Rhinological and Otological Society (The Triological Society), Pittsburgh, PA, January 1995.
- Facial nerve schwannomas: Radiologic patterns and clinical presentations. North American Skull Base Society, Naples, FL, February 1995.
- Facial nerve schwannomas: Radiologic patterns and clinical presentations. Western Neuroradiological Society, Victoria, BC, October 1995.
- Inner ear melanocytes: Differences between ethnic groups. Poster Presentation at the 100th Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), Washington, DC, Sept-Oct 1996.
- Dexamethasone pharmacokinetics in the inner ear: Comparison of route of administration and use of facilitating agents. Podium presentation at the 1997 Midwinter meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, February 1997.
- Temporal bone fractures: radiologic findings with clinical and audiologic correlation. Annual Radiological Society Meeting, New Orleans, LA, March 1997.

- Audiologic findings in stroke survivors. Poster Presentation at the 101st Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), San Francisco, CA, Sept 1997.
- Temporal bone fractures: 5-year experience. Poster Presentation at the 101st Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), San Francisco, CA, Sept 1997.
- Congenital nasal pyriform aperture stenosis. Poster Presentation at the 101st Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), San Francisco, CA, Sept 1997.
- Imaging of cochlear otosclerosis the current understanding. Eastern Section meeting of the American Laryngological, Rhinological and Otological Society (The Triological Society), New York, NY, January 1998.
- Intraoperative image guidance in temporal bone surgery. Eastern Section meeting of the American Laryngological, Rhinological and Otological Society (The Triological Society), Providence, Rhode Island, January 1999.
- Intratympanic dexamethasone for sudden sensorineural hearing loss: Clinical and laboratory evaluation. 34<sup>th</sup> Annual Meeting of the American Neurotology Society at COSM, Desert Springs, CA, April 1999.
- Larsens syndrome. Poster Presentation at 102<sup>nd</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), New Orleans, LA, September 1999.
- Effect of a new drug and delivery device on passive opening pressure of the Eustachian tube comparison study in two animal models. Poster presentation at the 2000 Midwinter meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, February 2000.
- Intranasal surfactant therapy for otitis media with effusion. Poster presentation at the American Laryngological, Rhinological and Otological Society (The Triological Society) at COSM, Orlando, FL, May 2000. \*\*Winner of Third Prize in COSM Combined Poster Session\*\*
- Otitis media treated with intranasal surfactant in an animal model. Podium presentation at the 103<sup>rd</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), Washington, DC, September 2000.
- Permanent hearing loss from therapeutic doses of mefloquine. Poster presentation at the 103<sup>rd</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), Washington, DC, September 2000. \*\*Winner of First Prize – President's Award - in AAO-HNS Poster Session\*\*
- Hearing loss in Kabuki Make-up syndrome. Poster presentation at the 103<sup>rd</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), Washington, DC, September 2000.
- Hearing loss in Cornelia De Lange syndrome: A Case Report. Poster presentation at the 103<sup>rd</sup> Annual Meeting of the AAO-HNS, Washington, DC, September 2000.
- Otitis Media Treated with Intranasal Surfactant in an Animal Model. 4<sup>th</sup> Extraordinary International Symposium on Recent Advances in Otitis Media, Sendai, Japan, April 2001. \*\*Moderator of session on 'animal models' for that symposium as well.
- Cochlear Implantation in the HIV-infected Individual: A New Challenge. Poster presentation at the 104<sup>th</sup> Annual Meeting of the AAO-HNS, Denver, CO, September 2001.
- In Vivo Method of Measuring Eustachian Tube Passive Opening Pressure in Two Animal Models. AAO-HNSF/ARO Research Forum poster presentation at the 104<sup>th</sup> Annual Meeting of the AAO-HNS, Denver, CO, September 2001.

- OtoLAM Complication: Stapedius Tendon Vaporization with Charring of Promontory and Ossicles. Poster presentation at the Eastern Section Meeting of the American Laryngological, Rhinological and Otological Society (the Triological Society), Philadelphia, PA, January 2002.
- Intranasal Surfactant Treatment for Otitis Media. Triological Society Candidates' Thesis Presentation Honorable Mention Award for Basic Science Research. Podium Presentation at the 2003 Combined Otolaryngology Spring Meetings Triological Society and American Society for Pediatric Otolaryngology Combined Session, Nashville, TN, May 5, 2003.
- Acute Otitis Media Treated with Intranasal Surfactant. Podium Presentation at the 8<sup>th</sup> International Symposium on Recent Advances in Otitis Media, Fort Lauderdale, FL, June 4, 2003.
- Hearing Loss in Fabry Disease: A Genotype-Phenotype Correlation. Podium presentation at the 106<sup>th</sup> Annual Meeting of the AAO-HNS, Orlando, FL, September 2003.
- Cessation of Monofrequency Tinnitus with Sound Cancellation. Podium presentation at the 106<sup>th</sup> Annual Meeting of the AAO-HNS, Orlando, FL, September 2003.
- Meniere's Disease: Status of Intratympanic Therapy. Podium Presentation, American Neurotology Society meeting, 2004.
- Neuro-optometric Evaluation and Rehabilitation in the Management of the Complex Dizzy Patient. Podium Presentation, American Neurotology Society meeting, 2007.
- Phosphodiesterase-5 Inhibitors and Sudden Sensorineural Hearing Loss. Podium Presentation, Eastern Section Meeting of the Triological Society, January 2009, Boston, MA.
- Mastoid Cortex Osteoma. Poster Presentation, Eastern Section Meeting of the Triological Society, January 2009, Boston, MA.
- Hearing Loss in Vogt-Koyanagi-Harada Syndrome Treated with Intratympanic Steroids. Poster Presentation, Eastern Section Meeting, Triological Society, Jan 2009, Boston, MA.
- Migraine-Associated Dizziness: Neuro-optometric Findings and Treatment. Podium Presentation, American Neurotology Society Spring Meeting, 2010, Las Vegas, NV.
- The Utility of Preoperative BAERs as a Predictor of Hearing Preservation in Patients with Vestibular Schwannomas. Oral Presentation, Sixth International Conference on Acoustic Neuroma (AN 2011), Los Angeles, CA, June 2011. \*\*Moderator of Microsurgery Session\*\*
- Florical in the Management of Early Otosclerosis. Poster Presentation, 114<sup>th</sup> Annual Meeting of the AAO-HNS, San Francisco, CA, September 2011.
- Incomplete Nasal Tripod; The Consequences of Columellar-Septal Necrosis. Triological Society Combined Sections Meeting, Poster Presentation, Miami Beach, FL, January 2012.
- Endoscope Assisted Transmastoid Infralabyrinthine Drainage of Petrous Apex Cholesterol Granuloma. Poster Presentation, North American Skull Base Society Meeting, Miami, FL, February 2013.
- Ear Candling: A 'Safe' CAM Process Gone Terribly Wrong. Triological Society 116<sup>th</sup> Annual Meeting at COSM, Poster Presentation, Orlando, FL, April 2013.
- Regional Differences in Gender Promotion and Scholarly Productivity. Oral presentation, AAO-HNSF Annual Meeting, Vancouver, Canada, Sept-Oct 2013.
- Magnetic Resonance Imaging as a Useful Tool in the Evaluation of Clinical Treatment of Otospongiosis. Oral presentation, AAO-HNSF Annual Meeting, Vancouver, Canada, Sept-Oct 2013.
- When Things Go Wrong: Anesthesia Medication Errors in Otolaryngology Surgery. Poster presentation, Triological Society Combined Sections Meeting, Miami, Florida, January 2014.

• The 100 Most Prescribed Drugs' Otologic Adverse Effects. Poster presentation, Triological Society Combined Sections Meeting, Miami, Florida, January 2016.