

Curriculum Vitae

Si Chen, M.D.

1345 Center Drive, M228 MSB
PO Box 100264
Gainesville, FL 32610
(305)-849-3004
si.chen@ent.ufl.edu

MEDICAL LICENSURE

2019 – present	Florida Medical License – Medical Doctor (ME139036)
2017 – present	California Medical License – Physician and Surgeon (A148559)
2017 – present	Drug Enforcement Agency (DEA) active (FC6722551)

BOARD CERTIFICATION

2018 – present	American Board of Otolaryngology
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EDUCATION AND TRAINING

7/2017 – 6/2019	House Ear Clinic/University of California – Los Angeles, CA Fellowship: Neurotology and Skull Base Surgery
6/2012 – 6/2017	University of Miami Miller School of Medicine/Jackson Memorial Hospital, Miami, FL Residency: Otolaryngology-Head and Neck Surgery
8/2008 – 5/2012	New York University School of Medicine, New York, NY Degree: Doctor of Medicine
9/2003 – 5/2008	Northeastern University, Boston, MA Degree: Bachelor of Science Major: Biochemistry

HONORS AND AWARDS

Department of Otolaryngology-Head and Neck Surgery, University of Miami Miller School of Medicine, Miami, FL	
2017	Resident Teaching Award

2017	Chandler Society Resident Research Award, third place
2017	Annual temporal bone competition winner
2016	Chandler Society Resident Research Award, second place
2016	Annual temporal bone competition winner
2016	Distinguished Poster Presentation. North American Skull Base Society Annual Meeting. February 12-14, 2016. Scottsdale, AZ, USA.
2015	Chandler Society Resident Research Award, second place
2015	Annual temporal bone competition winner
2014	Annual temporal bone competition winner
2013	Presidential Citation for Foreign Body Management at the Annual Meeting of the American Bronchoesophageal Association, April 10, 2013, Orlando, FL, USA.

New York University School of Medicine

2010	Outstanding Essay in Medical Humanism
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Northeastern University

2008	Summa cum laude
2008	Senior Project with Honors Distinction in World History
2003 - 2008	Presidential Scholarship

PROFESSIONAL MEMBERSHIPS

2013 – present	American Neurotology Society
2015 – present	American Academy of Otolaryngology – Head and Neck Surgery
2008 – present	American Medical Association

BIBLIOGRAPHY

JOURNAL PUBLICATIONS

1. List M, Edwards K, **Chen S**. Giant Meningioma in a Patient with Congenital Adrenal Hyperplasia. *Otology & Neurotology*. (Accepted)
2. Li JN, **Chen S**, Zhai L, Han DY, Eshraghi AA, Feng Y, Yang SM, Liu XZ. The advances of hearing rehabilitation and cochlear implants in China. *Ear and Hearing*. 2017 Nov/Dec; 38(6):647-652.
3. Dinh C, **Chen S**, Dinh J, Goncalves S, Padgett K, Johnson P, Elsayyad N, Telischi F, Angeli S, Bas E, Van De Water T. Effects of intratympanic dexamethasone on high dose radiation ototoxicity *in vivo*. *Otology & Neurotology*. 2017 Feb;38(2):180-186.

4. Berger M, **Chen S**, Sidani C, Younis R. Bilateral facial paralysis as presenting symptom in acute lymphoblastic leukemia. *Otology & Neurology*. 2016 Dec; 37(10):e412-3.
5. **Chen S**, Hebert A, Younis R. Pediatric Sinus Surgery: Indications, Techniques, and Outcomes. *Int J Head Neck Surg* 2016. 7(1):1-7.
6. Dinh C, **Chen S**, Padgett K, Dinh J, Telischi F, Elsayyad N, Johnson P, Angeli S, Bas E, Goncalves S, Eshraghi A, Van De Water T. Dexamethasone Protects Against Radiation-induced Loss of Auditory Hair Cells *In Vitro*. *Otology & Neurotology*. 2015 Dec;36(10):1741-7.
7. Dinh C, **Chen S**, Bas E, Dinh J, Goncalves S, Telischi F, Angeli S, Eshraghi AA, Van De Water T. Dexamethasone Protects Against Apoptotic Cell Death of Cisplatin-exposed Auditory Hair Cells *In Vitro*. *Otology & Neurotology*. 2015 Sep;36(9):1566-71.
8. Lieberman SM, **Chen S**, Jethanamest D, Casiano RR. Spontaneous CSF rhinorrhea: prevalence of multiple simultaneous skull base defects. *Am J Rhinol Allergy*. 2015 Jan-Feb;29(1):77-81.
9. Ojo R, **Chen S**, Pelae Z, Younis R. Pediatric rhabdomyosarcoma. *Ear Nose Throat J*. 2014 Jul; 93 (7): 248-50.
10. Rosow D, **Chen S**. Office Removal of a Subglottic Bread Clip. *Case Reports in Otolaryngology*. 2013 Oct; Article ID 480676.
11. **Chen S**, Paul BC, Myssiorek D. An Algorithm Approach to Diagnosing Bilateral Parotid Enlargement. *Otolaryngology - Head Neck Surgery*. 2013 May;148(5):732-9.
12. Husk K, **Chen S**, Winkel AF, Tsai MC. Utero-Vaginal Dehiscence During Cesarean Delivery: Complications of Vaginal Hand Assistance. *Journal of Gynecologic Surgery*. 2013 April; 29 (2): 93-95.
13. Paul BC, **Chen S**, Sridharan S, Fang Y, Amin MR, Branski RC. Diagnostic accuracy of history, laryngoscopy, and stroboscopy. *The Laryngoscope*. 2013 Jan; 123(1); 215-219.
14. **Chen S**, Hagiwara M, Roehm PC. Spontaneous Intracranial hypotension presenting with severe sensorineural hearing loss and headache. *Otology and Neurotology*. 2012 Oct; 33(8):e65-66.
15. Chen J, Tung CH, Allport JR, **Chen S**, Weissleder R, Huang PL. Near-infrared fluorescent imaging of matrix metalloproteinase activity after myocardial infarction. *Circulation*. 2005 Apr 12;111(14):1800-5.

BOOK PUBLICATIONS

1. **Chen S**, Wilkinson E. Mechanism of Compensation after Unilateral Loss and Vestibular Rehabilitation. *Diagnosis and Treatment of Vestibular Disorders*. Springer Publishing 2019.
2. **Chen S**, Goldstein, B. Olfaction: Anatomy, function, pathophysiology and diseases. *Pediatric and Adult Sinonasal Disorders*. Nova Science Publishers 2015.
3. Rosow D, **Chen S**. Laser in Laryngology. Paperella et al.: *Otolaryngologic Principles and Practice*, 1st Ed, JP Brothers Medical Publishers 2015.
4. Fatterpekar GM, **Chen S**, Pramanik B, Hagiwara M, Galheigo D. Radiologic Evaluation/Diagnostic Imaging Paranasal Sinuses and Chronic Rhinosinusitis. *Encyclopedia of Otolaryngology, Head and Neck Surgery*. Ed: Kountakis SE. 1st Ed, Springer Publishing 2014.

PRESENTATIONS

1. **Chen S**, Slattery WH. Balloon Eustachian Tube Dilation in Chronic Ear Diseases. *Oral presentation*. Eustachian Tube Study Group, Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting. October 6, 2018. Atlanta, GA.
2. **Chen S**, Slattery WH, Miller M. Prevalence and outcome of hemifacial spasm following radiosurgery for skull base tumors. *Poster presentation*. American Neurotology Society 53rd Annual Spring Meeting. April 18-22, 2018. National Harbor, MD, USA.
3. **Chen S**, Jimenez JE, Fiffer R, Liu X, Curry C, Younis R. Are Zika Exposed Infants at Risk? Early Hearing and Swallow Outcomes One Year after the Outbreak. *Oral presentation*. American Triological Society Combined Otolaryngology Spring Meetings. April 18-22, 2018. National Harbor, MD, USA.
4. **Chen S**, Jimenez JE, Fiffer R, Liu X, Curry C, Younis R. Congenital Zika Syndrome: a proposed pediatric otolaryngology evaluation protocol. *Poster Presentation*. American Society of Pediatric Otolaryngology Annual Meeting. May 18-21, 2017. Austin, TX, USA.
5. **Chen S**, Jimenez JE, Fiffer R, Liu X, Curry C, Younis R. The role of the otolaryngologist in the Zika epidemic. *Poster Presentation*. Triological Society Combined Otolaryngology Spring Meetings. April 26-30, 2017. San Diego, CA, USA.
6. Richardson A, **Chen S**, Kuchakalla, Bhavsar, Ivan, Eshragi A, Angeli S, Telischi F, Morcos JJ. Correlates of facial nerve outcomes after acoustic neuroma surgery: Results of a consecutive series at a tertiary care center. *Oral presentation*. North American Skull Base

Society Annual Meeting. March 3-5, 2017. New Orleans, LA, USA.

7. Younis R, **Chen S**, Jimenez JE. What otolaryngologists need to know about Zika. *Oral presentation*. Southern Pediatric Otolaryngology Study Group. January 13-15, 2017. Palm Beach, FL, USA.
8. Saint-Victor S, Lloyd A, **Chen S**, Lundy D, Rosow D. Risk factors and patient perspectives in adult-onset recurrent respiratory papillomatosis. *Poster presentation*. Fall Voice Conference. October 13-15, 2016. Scottsdale, AZ, USA.
9. **Chen S**, Dinh C, Padgett K, Johnson P, Elsayyad N, Telischi F, Goncalves S, Angeli S, Bas E, Van De Water T. Intratympanic dexamethasone on single-dose radiation ototoxicity in vivo. *Oral presentation*. American Neurotology Society/Combined Otolaryngology Spring Meeting. May 18-22, 2016. Chicago, IL, USA.
10. **Chen S**, Li JN, Lan D, Zhai L, Eshraghi A, Angeli S, Hoffer M, Dihn C, Cejas I, De La Asuncion M, Telischi F, Yang SM, Liu XZ. A tale of two institutions: demographic differences of cochlear implant recipients in the United States and China. *Poster presentation*. 14th International Conference on Cochlear Implants and Other Implantable Technologies. May 11-14, 2016. Toronto, Canada.
11. **Chen S**, Dinh C, Padgett K, Johnson P, Elsayyad N, Telischi F, Goncalves S, Angeli S, Bas E, Van De Water T. MOSFETs for cochlear dosimetry in animal irradiation. *Poster presentation*. North American Skull Base Society Annual Meeting. February 12-14, 2016. Scottsdale, AZ, USA.
12. **Chen S**, Dinh C, Padgett K, Johnson P, Elsayyad N, Telischi F, Goncalves S, Angeli S, Bas E, Van De Water T. Effect of intratympanic dexamethasone on fractionated radiation ototoxicity in vivo. *Oral presentation*. American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting. September 27-30, 2015. Dallas, TX, USA.
13. **Chen S**, Dinh C, Padgett K, Johnson P, Elsayyad N, Telischi F, Goncalves S, Angeli S, Bas E, Van De Water T. Cochlear irradiation and percentage depth dose in adult rats. *Poster presentation*. Combined Otolaryngology Spring Meetings. April 22-28, 2015. Boston, MA, USA.
14. **Chen S**, Purdy N, Leibowitz J. Effect of radiation and chemoradiation on osteomyocutaneous flaps. *Poster presentation*. Combined Otolaryngology Spring Meetings. April 22-28, 2015. Boston, MA, USA.
15. Rosow DE, **Chen S**. Office removal of a subglottic bread clip. *Poster presentation*. Combined Otolaryngology Spring Meetings. April 10-14, 2014. Orlando, FL, USA.
16. Lieberman SM, **Chen S**, Jethanamest D, Casiano RR. Spontaneous CSF rhinorrhea: prevalence of multiple simultaneous skull base defects. *Poster presentation*. North

American Skull Base Society Annual Meeting. February 15-17, 2013. Miami, FL, USA.

17. Paul BC, **Chen S**, Sridharan S, Fang Y, Amin MR, Branski RC. Diagnostic Accuracy of History, Laryngoscopy, and Stroboscopy. *Oral presentation*. American Laryngological Association 2012 Annual Meeting. April 18-19, 2012. San Diego, CA, USA.
18. **Chen S**, Paul B, Myssiorek D. An Algorithm Approach to Bilateral Parotid Enlargement. *Poster presentation*. The Triological Society Combined Section Meeting. January 26-28, 2012. Miami, FL, USA.
19. **Chen S**, Lebowitz R, Roehm PC. Correlating participation in team sports & resident success. *Poster presentation*. American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting. September 10-14, 2012. San Francisco, CA, USA.

COURSES & LECTURES

2020	Volunteer faculty	Consortium Of Resident Otolaryngologic kNowledge Attainment (CORONA) initiative in otolaryngology resident education
2019	Attendee	MedEl Bonebridge Training Lab, Los Angeles, California
2019	Attendee	Cochlear Surgical Training for Second-Year Fellows at NYU, New York, New York
2018	Attendee	Advanced Surgeon's Course, Institute for Cochlear Implant Training, Valencia, California
2017	Attendee	Anspach Neurotology Skull Base Course, Palm Beach Gardens, Florida
2016	Attendee	Anspach Neurotology Skull Base Course, Palm Beach Gardens, Florida
2015	Attendee	Anspach Neurotology Skull Base Course, Palm Beach Gardens, Florida
2014	Attendee	Anspach Neurotology Skull Base Course, Palm Beach Gardens, Florida

MANUSCRIPT REVIEWS

Invited reviewer Otolology & Neurotology

ACTIVITIES

House Ear Clinic/UCLA

Community Activities

- 5/19/2018 UCLA NF 2 Symposium for Patients, Families and Caregivers, Los Angeles, California
3/10/2017 Ear skills lab, ENT for the non-ENT providers at Cedars-Sinai Hospital

University of Miami Miller School of Medicine

Resident Activities:

- 4/2017 Free Head and Neck Cancer Screening
4/2016 Free Head and Neck Cancer Screening

New York University School of Medicine

Student Activities:

- 3/2011-5/2012 Co-editor, Class of 2012 Yearbook
1/2010-4/2010 The Art of Perception, Master Scholar's Program
9/2009-12/2009 Business in Healthcare, Master Scholar's Program
8/2009-5/2010 Vice president, Food and Wine Club
9/2009-6/2012 Class of 2012 T-shirts designer
9/2008-4/2009 Co-chair, Committee for Accepted Student Revisit Day

Community Activities:

- 9/2008-4/2012 New York City Free Clinic volunteer
11/2008-4/2009 Co-chair, Committee for Special Olympics Fundraising Spring Carnival

Northeastern University

Student Activities:

- 5/2008-5/2012 Organizer, Northeastern University Alumni New York City Chapter
1/2007-5/2012 Ambassador, Institute for International Education of Students
8/2005-6/2006 Resident Assistant, Kennedy Residence Hall
8/2004-6/2005 Treasurer, Student Affiliates of American Chemical Society
9/2003-6/2005 Intramural crew team

Community Activities:

- 1/2007-5/2008 General volunteer, Brigham and Women's Hospital
8/2004-6/2006 Science subjects peer tutor, Snell Library, Northeastern University
8/2003-7/2004 Tour guide, Massachusetts State House

RESEARCH EXPERIENCES

- 10/2016- 6/2017 **Craniofacial dysfunction in Zika exposed infants**

Ramzi younis, MD; Xue Zhong Liu, MD, PhD
Dept of Otolaryngology-Head and Neck Surgery,
University of Miami Miller School of Medicine, Miami, FL
Investigate the incidence of dysphagia and hearing loss in infants
exposed to Zika virus infection *in utero*.

7/2014- 7/2016 **Radiation ototoxicity in rats *in vivo***
Christine Dinh, MD; Thomas Van De Water, PhD
Dept of Otolaryngology-Head and Neck Surgery,
University of Miami Miller School of Medicine, Miami, FL
Examined auditory brainstem response, cochlear nerve axon density,
and auditory hair cell death in rats after fractionated and single
radiation regimen.

7/2007-7/2008 **Design and application of scale-up of mammalian cell culture in bioreactors**
Jean-Francois Hamel, PhD,
Sponsored Research, Dept of Chemical Engineering,
Massachusetts Institute of Technology, Boston, MA

- Designed and implemented scale-up experiments of mammalian cell culture in different types of bioreactors in collaboration with biotechnology companies.
- Organized experiments for the Biological and Chemical Engineering Course to teach students the biochemical engineering of bioreactors.

7/2005-12/2005 **Synthesis of general library of chemical compounds for screening against cancer targets**
Luyi Guo, PhD, MBA
Senior Scientist, High Throughput Chemistry
Millennium Pharmaceuticals Incorporated, Boston, MA
Synthesized and performed analysis of purity and identity of compounds using High Performance Liquid Chromatography (HPLC), Mass Spectrometry, Nuclear Magnetic Resonance (NMR) and Infrared Spectroscopy (IR).

6/2003-8/2004 **Quantification of protein activity in murine heart after myocardial infarction**
Paul L. Huang, MD, PhD
Director, Cardiac Metabolic Syndrome Program, Cardiovascular Research Center
Massachusetts General Hospital, Boston, MA
Analyzed and quantified changes in matrix metalloproteinase activity in murine hearts post myocardial infarction by using PCR, RT-PCR western blot, and near-infrared imaging.

INTERNATIONAL EXPERIENCE

- 6/2009-8/2009 **International Health Program in Ghana with Bellevue Hospital
Department of Emergency, Accra, Ghana**
- Assessed the awareness of proper first aid response to snakebites in the general population of Ghana.
 - Surveyed the access to health care and its role in treatment seeking preferences.
 - Developed a snakebite management guidebook for Ghanaian health professionals to better educate the public about appropriate first aid response to snakebites.
- 5/2007-7/2007 **Global Partnership for Activism and Cross-cultural Training, Mae Sai, Thailand**
- Facilitated multilingual workshops on networking, budget, teamwork, and public relations for nonprofit organizations.
 - Worked with youths from six countries in Southeast Asia to formulate tangible projects to combat human trafficking.
 - Successfully organized a press conference to launch a non-government organization working to prevent infectious diseases in children displaced by human trafficking.
- 8/2006-12/2006 **Beijing University of Foreign Studies, Beijing, China**
- Intensive Chinese language training in literature and composition.
 - Translated for English-speaking physicians at the Beijing International Medical Center.
 - Studied contemporary social issues through seminars and field trips throughout China.
- 7/2006-8/2006 **Dialogue of Civilizations to Greece, Athens, Greece**
- Studied Global and Intercultural Communications with focus on Greek culture and Greek-American relations.
 - Completed a research paper on the origin of ancient Greek medicine and its influence on modern medical practices.
 - Produced a documentary on Greek antiquities.

INTERESTS AND SKILLS

- Fluent in Mandarin Chinese, proficient in Chinese reading and composition.
- Photography:
 - Published: Si Chen. Children by the Mosque. Agora: Medical Student Arts and Literature Magazine. Spring 2011

- Travel, cooking, drawing, arts and crafts, running.