

Curriculum Vitae  
**Justin S. Golub, MD, MS**

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## 1. Date of Preparation

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April 12, 2025

## 2. Personal Data

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Name:	Justin S. Golub	Work Address:	180 Fort Washington Ave
Date of Birth:	June 27, 1980		HP8-865
Birthplace:	Queens, NY		New York, NY 10032
Citizenship:	USA	Email:	justin.golub@columbia.edu
		Office Phone:	212-305-8867

## 3. Academic Appointments, Hospital Appointments, and Other Work Experience

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	<b>Columbia University</b>	New York, NY
	<b>Vagelos College of Physicians and Surgeons</b>	
	New York-Presbyterian/Columbia University Irving Medical Center	
	Department of Otolaryngology—Head and Neck Surgery	
7/2023-present	<i>Vice Chair of Faculty Development</i>	

7/2020-present *Associate Professor (tenure-track), Associate Attending Physician*  
 7/2015-6/2020 *Assistant Professor (tenure-track), Assistant Attending Physician*

## 4. Education

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7/2015-5/2017	<b>Columbia University Mailman School of Public Health</b> Patient Oriented Research program, Dept of Biostatistics MS	New York, NY
7/2002-5/2007	<b>Emory University School of Medicine</b> Included additional research year ( <i>See Section 5b</i> ) MD	Atlanta, GA
9/1998-6/2002	<b>Tufts University</b> Top 1% of class; 3.95 GPA; summa cum laude BA in biology	Medford, MA

## 5. Training

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### 5a. Clinical Training

7/2013-6/2015	<b>University of Cincinnati</b> <i>Fellow in Otolaryngology, Neurotology, Skull Base Surgery</i> ACGME accredited Preceptors Ravi N. Samy, MD and Myles L. Pensak, MD	Cincinnati, OH
7/2008-6/2013	<b>University of Washington</b> <i>Resident in Otolaryngology—Head and Neck Surgery</i> Six-year research track ( <i>See Section 5b</i> )	Seattle, WA
7/2007-6/2008	<b>University of Washington</b> <i>Intern in General Surgery</i>	Seattle, WA

### 5b. Research Training/Fellowships

11/2010-2/2011, **University of Washington**, Seattle, WA  
 7/2009-6/2010 *T32 Research Fellow*

Preceptors: Jay T. Rubinstein, MD, PhD and James O. Phillips, PhD  
 Department of Otolaryngology—Head and Neck Surgery

- First-in-human clinical feasibility trial of a vestibular implant
- Preservation of native function after vestibular implantation in rhesus macaque

Preceptors: Edwin W. Rubel, PhD and Jennifer S. Stone, PhD;  
 Virginia Merrill Bloedel Hearing Research Center

- Inner ear vestibular hair cell regeneration
- Genetically engineered mouse hair cell damage model

8/2005-7/2006 **Georgia Tech/Emory Center for the Engineering of Living Tissues**,  
Atlanta, GA  
*Graduate Research Fellow*  
Preceptor: Robert E. Guldberg, PhD; Institute for Bioengineering & Bioscience

- Regenerating blood vessels via controlled release of vasculogenic nanoparticles
- 3D vessel characterization by microcomputed tomography

5/2003-7/2003, 5/2002-7/2002, 6/2001-10/2001 **Massachusetts Institute of Technology / Harvard-MIT Division of Health Sciences and Technology**, Boston, MA  
*Undergraduate Research Fellow*  
Preceptor: Robert S. Langer, ScD (Institute Professor, >2000 papers, >1400 patents, h-index 330, co-founder Moderna); Department of Chemical Engineering

- Gene expression in differentiating human embryonic stem cells
- Analysis of endothelial cells isolated from human embryonic stem cells

7/2000-8/2000 **Mount Sinai School of Medicine**, New York, NY  
*Summer Undergraduate Research Fellow, Sigma Xi Scholarship*  
Preceptor: Robert S. Krauss, PhD; Dept of Biochemistry and Molecular Biology

- Screen for genes of interest using the yeast signal sequence trap strategy

## 6. Explanation of Any Gaps in Work/Training Education

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None

## 7. Licensure and Board Certification

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### 7a. Licensure

2015-present	Medical license, New York
2013-2014	Trainee medical license, Ohio
2007-2013	Trainee medical license, Washington

### 7b. Board Certification

6/1/2016-present	Neurotology subspecialty certification, American Board of Otolaryngology
6/1/2014-present	Board certification, American Board of Otolaryngology

## 8. Honors and Awards

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*Note:*

*For election to professional committees, see Section 9*

*For election to professional societies, see Section 10a*

*For important invited lectureships, see Section 16d under National Level and International Level*

- 2025 **Western Section Vice Presidential Citation**  
*The Triological Society*
- 2024 **Michael E. Glasscock Scientific Merit Award**  
American Neurotology Society (to mentee Hannah Weinstein, #1 of 107 abstracts)
- 2024 **Editor's Choice Article**  
*Otolaryngology—Head and Neck Surgery* (PMID: 38738916)
- 2023 **Featured Article of the Month**  
*The Auricle*, July 12, 2023 (regarding PMID: 36960774)
- 2023 **Featured Cover Article**  
*The Hearing Journal*, March 2023
- 2023 **3<sup>rd</sup> Place Poster Award**  
VP&S Annual Student Research Day, New York, NY
- 2023 **1<sup>st</sup> Place Poster Award, Otology/Neurotology**  
Triological Society Combined Sections Meeting, Coronado, CA
- 2022 **1<sup>st</sup> Place Poster Award, Otology/Neurotology**  
Triological Society Combined Sections Meeting, Coronado, CA
- 2021 **2021 Influencer in Aging** (Next Avenue Media, part of the PBS System)  
Awarded to 14 thought leaders, activists, entrepreneurs and experts who change how we think about aging.
- 2021 **Mentee Research Travel Award** (Awarded Twice for Two Mentees)  
American Auditory Society Annual Scientific Meeting
- 2020-present **Castle Connolly Top Doctors**  
Peer-selected directory of highly reputable physicians within a specialty
- 2021 **Editor's Choice Article**  
*Journal of Gerontology Medical Sciences* (PMID: 32959064)
- 2020 **Editor's Choice Article**  
*Journal of Gerontology Medical Sciences* (PMID: 31183502)
- 2018 **Collaborating Faculty Member/Affiliate**  
Johns Hopkins Cochlear Center for Hearing and Public Health, Baltimore, MD
- 2018 **Great Catch Award**  
For commitment to patient safety, ColumbiaDoctors, New York, NY
- 2017, 2018 **Top Reviewer, Otology & Neurotology** (Awarded Twice)  
For completing the most peer reviews in a year
- 2017 **Malcolm Schvey Teaching Award**  
For excellence in clinical teaching. Award by the residents of the Columbia-Cornell Otolaryngology—Head and Neck Surgery training program
- 2015 **Poster Award**  
American Academy of Audiology Annual Meeting, San Antonio, TX
- 2007 **Best Poster Award**  
Honorable mention, Voice Foundation Annual Symposium, Philadelphia, PA
- 2007 **National Scholars Honor Society**  
Awarded to students with high academic achievement and civic responsibility
- 2006 **Joseph B. Whitehead Surgery Scholarship**

- Awarded to medical students who have excelled academically and have a strong interest in surgery as a career choice
- 2006 **W. C. Harris Family Scholarship**  
Awarded to meritorious medical students of Emory University School of Medicine
- 2001 **Phi Beta Kappa Society**  
One of eight junior year recipients in a class of 1200 (top 1% of class)
- 2001 **Howard Sample Prize Scholarship in Physics**  
Awarded to students demonstrating high attainments in liberal scholarship
- 2001 **Golden Key National Honor Society**  
Awarded yearly to the most outstanding undergraduate student in physics
- 2000 **Sigma Xi Scholarship**  
Awarded for high academic achievement in college
- 2000 **Sigma Xi Scholarship**  
Awarded for excellent potential in scientific investigation

## 9. Administrative Leadership and Academic Service

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### 9a. Academic Service

*Note: For professional society service other than committees, see Section 10*

#### National Level

##### *Data and Safety Monitoring Boards*

2022-present Vestibular implant clinical trial, PI Della Santina, Johns Hopkins University

##### *Nonprofit Organizations*

2020-present Professional Advisor, Hearing Loss Association of America, New York City Chapter

2018-2019 Board of Directors, Auditory Implant Initiative

2016-2018 Member, Data Use Committee, Auditory Implant Initiative

##### *Conference Planning*

2024-2025 Member, Program Committee, Triological Society 2025 Combined Sections Meeting, Orlando, FL

##### *Invited Meeting Attendance*

1/19/2018 National Otolaryngology Physician-Scientist Consortium, Triological Society Combined Section Meeting, Phoenix, AZ

3/14/2017 Improving Communication for People with Hearing Loss, Stanford Center on Longevity, Stanford University, Stanford, CA

#### International Level

##### *Conference Planning*

2022 Member, Organizing Committee, Scientific Review Committee, and Young Endoscopic Ear Surgeons Committee, 4<sup>th</sup> World Congress on Endoscopic Ear

2017-2019 Surgery, Kyoto, Japan  
Member, Steering Committee, 3<sup>rd</sup> World Congress on Endoscopic Ear Surgery, Boston MA

#### *Invited Meeting Attendance*

4/2019 Key Opinion Leaders Meeting; Oticon Medical; Copenhagen, Denmark and Nice, France  
10/2016 Global Research Symposium; Cochlear; Macquarie University, NSW, Australia

## **9b. Administrative Leadership at CUIMC and NYP**

### **Leadership Training**

2022 Attendee, CUIMC Leadership and Management Course for Faculty (32 hours)

### **Departmental**

2020-present Co-director, Resident Research Committee  
2015-present Member, Residency Selection Committee  
2021-2022 Director, News, Events, Website, Social Media (NEWS) Committee  
2021-2022 Member, Website Design Committee  
2015-2018 Member, Resident Research Committee  
2016-2018 Member, Residency Education Committee  
2015-2016 Member, Website Design Committee

### **Institutional**

2022-present Member, Irving Institute for Clinical and Translation Research (CTSA) Internal Advisory Committee  
2015-present Director, Skull Base Tumor Board  
2021-2023 Lead Physician Champion, Second Opinion Program  
2019-2020 Member, Faculty Liaison Network in Support of NASEM's Action Collaborative on Preventing Sexual Harassment  
2018-2020 Departmental lead and member, EpicTogether Clinical Leadership Group  
2017-2019 Member, Clinical Health Information Technology Advisory Committee  
2016-2018 Member, Communications Committee  
2016-2017 Member, CROWN Optimization Committee

## **9c. Administrative Leadership at Prior Institutions**

2014 Member, Fellowship Selection Committee, Dept of Otolaryngology—Head and Neck Surgery, University of Cincinnati  
2011 Member, Residency Selection Committee, Dept of Otolaryngology—Head and Neck Surgery, University of Washington  
2005-2006 Member, Executive Steering Committee, curriculum revision project, Emory University School of Medicine  
2005-2006 Co-chair, Student Subcommittee, curriculum revision project, Emory University School of Medicine

2005-2006	Member, IT/Simulation and Educational Technology Guidance Council, curriculum revision project, Emory University School of Medicine
2005	Member, Medical Student Interview Committee, Emory University School of Medicine
2003-2007	President and Founder, itm: innovative technologies for medicine, Atlanta, GA
2003-2007	Vice President, Musaar: The Jewish Medical Ethics Society, Atlanta, GA
2005-2007	Vice President, ASP: Aspiring Surgeon's Program, Atlanta, GA

## 9d. Administrative Leadership Outside of Medicine

2010-2012	Andiamo Condominium Association, Seattle, WA, President
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## 10. Professional Organizations and Societies

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### 10a. Memberships and Positions

*Note: For committee and other leadership positions, see also Section 9*

#### Regional Level

2020-present	Member, New York Otological Society
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#### National Level

2025-present	Board Member, American Endoscopic Ear Surgery Study Group
2024-present	Member, American Otological Society
2021-2022	<i>President</i> , American Endoscopic Ear Surgery Study Group
2023-present	Fellow, Triological Society (refereed thesis required)
2021-present	<i>Treasurer</i> , American Society of Geriatric Otolaryngology
2021-present	<i>Executive Council</i> , American Society of Geriatric Otolaryngology
2021-present	Member, Gerontological Society of America
2021-present	Member, American Society of Geriatric Otolaryngology
2018-present	Member, American Endoscopic Ear Surgery Study Group
2015-present	Member, American Cochlear Implant Alliance
2014-present	Fellow Member, American Neurotology Society
2014-present	Member, American Auditory Society (intermittent before 2019)
2010-present	Member, Association for Research in Otolaryngology
2008-present	Member, American Academy of Otolaryngology—Head and Neck Surgery
2007-present	Member, American College of Surgeons
2001-present	Member, Phi Beta Kappa Society
2013-2022	Member, Acoustic Neuroma Association
2004-2016	Member, American Medical Association
2012-2013	Member, Society for Neuroscience

#### International Level

2023-present	<i>Executive Board Member</i> , International Working Group on Endoscopic Ear Surgery
2017-present	Member, International Working Group on Endoscopic Ear Surgery

2019-2021	Member, American-Israeli Otolaryngology Society
2014-2017	Member, North American Skull Base Society
2004-2008	Member, Tissue Engineering and Regenerative Medicine International Society
2002-2004	Member, Tissue Engineering Society International

## 10b. Consultative

### Local Level

2017-present	Consultant, Grand Rounds/NYP Second Opinion (telemedicine)
2008-2009	Mobile electronic medical record platform design, UW Medicine, Seattle, WA
2002-2005	Consultant/Photographer, Emory Univ School of Medicine Office of Admissions

### National Level

2018-present	Consultant, medicolegal (multiple law firms)
2018-present	Consultant, expert opinions/market research (multiple companies)
2014-present	Consulting Editor, Plural Publishing, San Diego, CA
2024	Consultant, Regeneron
2021-2023	Surgical Advisory Board, Alcon
2019	Consultant, Decibel Therapeutics
2019	Biostatistical/epidemiologic consultant, Auditory Insight
2017	Consultant, VA Board of Appeals
2015-2017	Collaborator, Headmirror.com
2010-2014	Associate Consulting Editor, Plural Publishing, San Diego, CA

### International Level

2019	Consultant, Oticon Medical, Copenhagen, Denmark
2018	Consultant, JuniperMD, Beijing, China (telemedicine)

## 10c. Editorial Board

### National Level

2022-present	<i>JAMA Otolaryngology—Head and Neck Surgery</i> , Editorial Board [1 of 10 members; highest impact factor journal in otolaryngology]
2018-present	<i>Otology &amp; Neurotology</i> , Assistant Editor
2017-present	<i>Otology &amp; Neurotology</i> , biostatistical reviews
2016-present	<i>Otology &amp; Neurotology</i> , Editorial Board of Reviewers [2018: most reviews performed of all reviewers]

### International Level

2019-present	<i>Audiology &amp; Neurotology</i> , Associate Editor
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## 10d. Journal Reviewer

### National Level

2025-present	<i>Journal of Clinical Periodontology</i>
2023-present	<i>Science Advances</i> (American Association for the Advancement of Sciences)

2022-present	<i>Scientific Reports (Nature group)</i>
2022-present	<i>JAMA Neurology</i>
2022-present	<i>Alzheimer's &amp; Dementia: Diagnosis, Assessment &amp; Disease Monitoring</i>
2021-present	<i>JAMA Network Open</i>
2020-present	<i>Laryngoscope Investigative Otolaryngology</i>
2020-present	<i>Alzheimer's &amp; Dementia</i>
2020-present	<i>Journal of Speech, Language, and Hearing Research</i>
2018-present	<i>PLoS One</i>
2018-present	<i>Journal of Neurological Surgery—Part B: Skull Base</i>
2018-present	<i>Journal of Gerontology: Medical Sciences</i>
2018-present	<i>Ear, Nose &amp; Throat Journal</i>
2017-present	<i>JAMA Otolaryngology—Head and Neck Surgery</i>
2016-present	<i>Ear and Hearing</i>
2016-present	<i>Laryngoscope</i>
2014-present	<i>Otology &amp; Neurotology</i>

### International Level

2022-present	<i>The Lancet Healthy Longevity</i>
2022-present	<i>Hearing Research</i>
2021-present	<i>Journal of Affective Disorders</i>
2021-present	<i>Frontiers in Aging Neuroscience</i>
2020-present	<i>BMJ Postgraduate Medical Journal</i>
2020-present	<i>Neuroimage: Reports</i>
2020-present	<i>International Journal of Audiology</i>
2020-present	<i>Journal of Otology</i>
2020-present	<i>Journal of Clinical Medicine</i>
2019-present	<i>Canadian Geriatrics Journal</i>
2018-present	<i>BMJ Open</i>
2017-present	<i>Behavioural Brain Research</i>
2016-present	<i>Scientifica</i>
2014-present	<i>International Journal of Pediatric Otorhinolaryngology</i>

## 10e. Grant Reviewer

### Local Level

2019	Columbia Irving Institute for Clinical and Translation Research, KL2 Reviewer
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### National Level

2024	Triological Society/American College of Surgeons, Clinician-Scientist Career Development Award
2024	House Institute Foundation, Center Grant Proposal, Los Angeles, CA
2/23/23, 10/25/22	NIH/NIA Special Emphasis Panel/Scientific Review Group ZRG1 AN-Q 55: Research on Current Topics in Alzheimer's Disease and Its Related Dementias
2020	Utah Center on Aging, Pilot Grant Program, Salt Lake City, UT

### International Level

2018-2024 Royal National Institute for Deaf People (Action on Hearing Loss), London, UK  
 2017 Association for British Neurologists, Clinical Research Training Fellowship, London, UK

## 10f. Abstract Reviewer

### National Level

2019-2021 American Neurotology Society, Spring Scientific Meeting at COSM  
 2020 American Auditory Society, Annual Scientific and Technology Conference, Scottsdale, AZ

### International Level

2022 4<sup>th</sup> World Congress on Endoscopic Ear Surgery (WCEES), Kyoto, Japan  
 2019 3<sup>rd</sup> World Congress on Endoscopic Ear Surgery (WCEES), Boston, MA

## 10g. Guideline and Miscellaneous Reviewer

### National Level

2024 *American Association of Retired Persons (AARP) Global Council on Brain Health Report on Hearing and Brain*  
 2023 *American Academy of Otolaryngology—Head and Neck Surgery Foundation Clinical Practice Guidelines (CPG) on Age-Related Hearing Loss*

## 10h. Miscellaneous

### National Level

2025 Poster Judge, Triological Society Combined Sections Meeting, Orlando, FL

## 11. Grant Support

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*Note: TC = total costs, DC = direct costs. Unless indicated, funding is for the entire grant period.*

### 11a. Active Research Funding

5/1/25-4/30/26	<b>Dean's Research Fellowship</b> Columbia Vagelos College Physicians & Surgeons Title: Comprehensive Analysis of the Northern Manhattan Study of Metabolism and Mind-Hearing Substudy (NOMEM-H) Aim: Funds a medical student (Stuart D. Powell) to have one year of funded, mentored research.	Role: Mentor \$XXXXXX
7/1/23-6/30/25	<b>R41DC021128</b> (Lalwani/Kysar PI, Golub Site PI) NIA/NIDCD Title: Endoscopy-Assisted Intracochlear Access via Ultra Sharp Microneedles Aim: Small Business Technology Transfer Grant (STTR) to develop methods to	Role: Site PI \$XXXXXX

endoscopically visualize the round window membrane and perforate with a microneedle for the purpose of inner ear drug delivery.

- 9/15/22-8/31/27 **R01AG075083** (Golub PI) Role: PI  
 NIH/NIA \$XXXXXXX  
 Title: Early Age-Related Hearing Loss Investigation (EARHLI): A Randomized Controlled Trial to Assess Mechanisms Linking Early Age-Related Hearing Loss and Alzheimer's Disease and Related Dementias  
 Aim: To conduct a randomized controlled trial of a hearing intervention versus health education comparator with key outcomes of cognition, social engagement, and brain organization/connectivity on functional MRI.
- 9/1/24-8/31/26 **2L30AG060513-04** (Golub PI) Role: PI  
 NIH/NIA \$XXXXXXX  
 Title: A Randomized Controlled Trial Assessing the Mechanisms Linking Early Age-Related Hearing Loss and Alzheimer's Disease and Related Dementias  
 Aim: Provide educational loan repayment to support research on hearing loss and brain/cognitive aging

## 11b. Past Support

- 9/1/22-8/31/24 **2L30AG060513-03** (Golub PI) Role: PI  
 NIH/NIA \$XXXXXXX  
 Title: The mechanistic association between age-related hearing loss and Alzheimer's disease and related dementias  
 Aim: Provide educational loan repayment as well as structured mentorship to support research on hearing loss and brain/cognitive aging
- 5/1/23-4/30/24 **Dean's Research Fellowship** Role: Mentor  
 Columbia Vagelos College Physicians & Surgeons \$XXXXXXX  
 Title: Pilot Study for the Early Age-Related Hearing Loss Investigation  
 Aim: Funds a medical student (Lauren Tucker) to have one year of funded, mentored research.
- 4/15/18-3/31/24 **K23AG057832** (Golub PI) Role: PI  
 NIH/NIA \$XXXXXXX  
 Title: Mechanisms Linking Hearing Loss and Alzheimer's Disease and Related Dementias  
 Aim: Support career development to clarify the mechanisms linking hearing loss and Alzheimer's disease and related dementias
- 10/1/18-3/31/24 **Clinician-Scientist Career Devel Awd** (Golub PI) Role: PI  
 Triological Society/Amer College of Surgeons \$XXXXXXX  
 Title: Mechanisms Linking Hearing Loss and Alzheimer's Disease and Related Dementias  
 Aim: Support research and career development during period of K23 funding

- 5/1/22-4/30/23     **Dean's Research Fellowship**     Role: Co-Mentor  
 Columbia Vagelos College Physicians & Surgeons     \$XXXXXX  
 Title: Mapping the Relationship Between Age-Related Hearing Loss and Cognitive Impairment Using Socialization  
 Aim: Funds a medical student (Michael Denham) to have one year of funded, mentored research.
- 7/1/22-8/31/22     **T35AG044303** (Mayeux/Noble/Hirano PIs)     Role: Mentor  
 NIH/NIA     \$XXXXXX  
 Title: Investigating Associations between Hearing Loss, Dementia, and Cognitive Impairment at NewYork-Presbyterian Hospital  
 Aim: Funds a medical student (Emily Ishak) to have one summer of funded, mentored, interdisciplinary research in aging.
- 9/1/20-8/31/22     **2L30AG060513-02** (Golub PI)     Role: PI  
 NIH/NIA     \$XXXXXX  
 Title: The mechanistic association between age-related hearing loss and Alzheimer's disease and related dementias  
 Aim: Provide educational loan repayment and structured mentorship to support research on hearing loss and brain/cognitive aging
- 7/15/19-6/30/22     **R56AG061817** (Devanand/Luchsinger/Rao PIs)     Role: Co-I  
 NIH/NIA     \$XXXXXX  
 Title: Auditory, olfactory, and motor correlates of in-vivo AD neuropathology and cognitive decline in late-middle age  
 Aim: Study various sensory impairment contributions to dementia and cognitive decline
- 5/1/21-4/30/22     **Dean's Research Fellowship**     Role: Mentor  
 Columbia Vagelos College Physicians & Surgeons     \$XXXXXX  
 Title: Mapping the Relationship Between Age-Related Hearing Loss and Cognitive Impairment Using Functional MRI  
 Aim: Funds a medical student (Maecher R. Grewal) to have one year of funded, mentored research.
- 7/1/21-8/31/21     **T35AG044303** (Mayeux/Noble/Hirano PIs)     Role: Mentor  
 NIH/NIA     \$XXXXXX  
 Title: Prevalence and Severity of Subclinical Hearing Loss  
 Aim: Funds a medical student (Jacqueline Dragon) to have one summer of funded, mentored, interdisciplinary research in aging.
- 7/1/18-5/31/21     **R21AG059130** (Rutherford PI)     Role: Co-I  
 NIH/NIA     \$XXXXXX  
 Title: Sensation and Psychiatry: Linking Age-Related Hearing Loss to Late-Life

**Depression and Cognitive Decline**

Aim: Examine whether adding hearing aids to antidepressant treatment is helpful for older adults with combined ARHL and depression

- 7/1/18-6/30/21 **Louis V. Gerstner Jr. Scholar Award** (Golub PI) Role: PI  
Columbia University Medical Center \$XXXXXX  
Title: Elucidating the Mechanism Linking Hearing Loss with Cognitive Impairment Using Comprehensive Audiometry and Multimodal Brain Imaging  
Aim: Examine the cross-sectional and longitudinal association between age-related hearing loss and brain imaging biomarkers of dementia
- 5/1/20-4/30/21 **Dean's Research Fellowship** Role: Mentor  
Columbia College of Physicians & Surgeons \$XXXXXX  
Title: The Association Between Age-Related Hearing Loss and Neurodegenerative Processes on Brain Imaging  
Aim: Funds a medical student (Alexandria L. Irace) to have one year of funded, mentored research.
- 9/1/18-8/31/20 **1L30AG060513-01** (Golub PI) Role: PI  
NIH/NIA \$XXXXXX  
Title: The Association Between Age-Related Hearing Loss and Brain and Cognitive Aging  
Aim: Provide educational loan repayment and structured mentorship to support research on hearing loss and brain/cognitive aging
- 7/1/20-8/31/20 **T35AG044303** (Mayeux/Noble/Hirano PIs) Role: Mentor  
NIH/NIA \$XXXXXX  
Title: How is hearing loss associated with Alzheimer's Disease and its imaging biomarkers?  
Aim: Funds a medical student (Seokyu [Phil] Shin) to have one summer of funded, mentored, interdisciplinary research in aging.
- 5/1/19-4/30/20 **Dean's Research Fellowship** Role: Mentor  
Columbia College of Physicians & Surgeons \$XXXXXX  
Title: Exploring the Mechanisms Linking Age-Related Hearing Loss and Cognitive Impairment  
Aim: Funds a medical student (Rahul Sharma) to have one year of funded, mentored research.
- 7/1/17-6/30/20 **Career Development Award** (Golub PI) Role: PI  
Triological Society \$XXXXXX  
Title: Age-Related Hearing Loss and Mechanisms of Dementia  
Aim: Provide pilot data exploring the association between age-related hearing loss and brain imaging biomarkers of dementia
- 7/1/17-5/31/18 **CaMPR Phase II** (Rutherford/Kim PIs) Role: Co-I

Irving Institute for Clinical & Translational Research \$XXXXXX  
 Title: Sensation and Psychiatry: Linking Age-Related Hearing Loss to Late-Life Depression and Cognitive Decline  
 Aim: Conduct a pilot randomized controlled trial investigating whether treatment of age-related hearing loss affects depression

- 2/1/17-12/31/17 **AII/HERMES** (Golub PI) Role: PI  
 Auditory Implant Initiative \$XXXXXX  
 Title: Data Entry Stipend Program  
 Aim: Supports data entry for cochlear implant patients at Columbia University Medical Center into a national web-based cochlear implant database, HERMES.
- 1/1/17-4/3/17 **CaMPR Phase I** (Rutherford/Golub PIs) Role: Co-PI  
 Irving Institute for Clinical & Translational Research \$XXXXXX  
 Title: Association of Depression and Cognitive Impairment with Hearing Loss and its Remediation in Older Adults  
 Aim: Perform multidisciplinary planning to design and fund a pilot study (via CaMPR Phase II) investigating the relationship between age-related hearing loss and depression
- 7/1/16-8/31/16 **T35AG044303** (Mayeux/Noble/Hirano PIs) Role: Mentor  
 NIH/NIA \$XXXXXX  
 Title: Assessing Reasons for Underutilization of Cochlear Implants in Older Adults  
 Aim: Funds a medical student (Jack Doyle) to have one summer of funded, mentored, interdisciplinary research in aging.
- 1/1/10-12/31/10 **John B. Combs Grant** (Golub PI) Role: PI  
 University of Washington Housestaff Association \$XXXXXX  
 Title: Development of a Mobile-Based Website with Otolaryngology Content  
 Aim: Creation of a website designed for mobile phone screens with otolaryngology content that can be conveniently and quickly viewed anywhere.
- 6/27/09-6/26/10 **T32DC000018** (Weymuller PI) Role: Trainee  
 NIH/NIDCD  
 Title: Research training in otolaryngology  
 Aim: 1 year of protected research training as an otolaryngologist—head and neck surgeon physician-scientist

### 11c. Past Support of Departmental Resources

- 2/1/2019 **Educational Equipment Grant** Role: Requestor  
 Agency: Karl Storz Endoscopy-America, Inc. \$XXXXXX  
 Title: N/A  
 Aim: Provides endoscopic equipment for Columbia otolaryngology—head and neck surgery residents to learn endoscopic ear surgery in the departmental temporal bone surgical training laboratory

## 12. Educational Contributions

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### 12a. Direct Teaching/Precepting/Supervising

#### Direct Clinical Training

##### Local Level: Columbia University and NewYork-Presbyterian

- 2015-present      *One-on-One Teaching to Medical Students, Otolaryngology—Head and Neck Surgery Residents, Otology/Neurotology Fellows*  
 Faculty practice outpatient clinic (4 hours/week)  
 Public outpatient clinic (2 hours/week)  
 Operating room: (10 hours/week)  
 Call/wards (1 hour/week)
- 2017-present      *Otolaryngology—Head and Neck Surgery Allied Health Professional Training*  
 Wendy You, medical scribe (12 hours/week for 3 months), lead supervisor  
 Elizabeth Denson, NP (5 hours/week for 6 months)  
 Muhammad Usama, medical scribe (12 hours/week for 3 months), lead supervisor  
 Alexis Wiley, medical scribe (12 hours/week for 3 months), lead supervisor  
 Jun Yang, medical scribe (12 hours/week for 3 months), lead supervisor  
 Tinashe Mudiwa, NP (3 hours/week for 3 months)  
 Carolina Mora, NP (4-8 hours/week for 9 months), lead supervisor  
 Sarah Lee, NP (4-8 hours/week for 9 months), lead supervisor

#### Lectures to Residents

##### Local Level: Columbia University and NewYork-Presbyterian

- Recurrent      Biostatistics with R  
 Recurrent      Biostatistics for Dummies  
 Recurrent      Age-Related Hearing Loss and Epidemiology  
 Recurrent      Vestibular Disorders for Dummies  
 Recurrent      Hybrid Cochlear Implantation  
 Recurrent      Temporal Bone Radiology  
 Recurrent      Acute Facial Paralysis  
 Recurrent      Sudden Sensorineural Hearing Loss  
 Recurrent      Lateral Skull Base Approaches (neuroradiology recruits)  
 Recurrent      Genetics of Hearing Loss (clinical genetics trainees/fellows)  
 Recurrent      Hearing Loss: Structure, Function, Overview (clinical genetics trainees/fellows)  
 6/9/16          Neurosensory Protheses for Hearing, Tinnitus and Balance (neurology residents)  
 5/26/16        Vestibular Disorders: The Otologic/Neurotologic Side (neurology residents)

##### Local Level: University of Cincinnati

- 4/29/15          Acute Facial Paralysis

6/11/14 Hybrid Cochlear Implantation  
 4/30/14 Temporal Bone Radiology  
 8/28/13 Ototoxicity  
 10/23/13 Sudden Sensorineural Hearing Loss

### National Level

12/29/21 **University of Washington**, Seattle, WA [virtual]  
*Weekly Didactics*  
 Acute Facial Paralysis

## Lectures to Medical Students

### Local Level: Columbia University

Recurrent *Otolaryngology Research Fellows*  
 Introduction to Biostatistics

11/14/17 *Otolaryngology Clerkship*  
 Introduction to Otolaryngology

2/2/15 *Otolaryngology Interest Group*  
 Introduction to Otology/Neurotology

### International Level

11/21/13 **Basaveshwara Medical College and Hospital**, Chitradurga, India  
*Guest Lecture*  
 Cochlear Implantation

## Lectures to Public Health, Engineering, and Humanities Students

### Local Level: Columbia University

9/16/24, *Sound and Hearing (BME E4750), School of Engineering & Applied Science*  
 11/22/22, 5/6/20 Implantable Devices for Hearing (Abridged)  
 The Association Between Age-Related Hearing Loss and Cognition

11/30/23 *Music, Math, and Mind (MUSI/VIAR AV4000), Computer Music Center*  
 Hearing, Ear Surgery, and Mind

4/16/18 *Sound and Hearing (BME E4750), School of Engineering and Applied Science*  
 Implantable Devices for Hearing

2/15/18, 4/6/17 *Epidemiology of Aging (EPID P8407), Mailman School of Public Health*  
 The Epidemiology of Age-Related Hearing Loss

## Lectures to Allied Health Students

### Local Level: University of Cincinnati

3/5/15, 11/18/14 Team Hearing (audiology program)  
3/5/15, 11/18/14 Vestibular Disorders (audiology program)

## Lectures to Laboratories

### Local Level: Columbia University

1/13/21 *Maurer Lab*  
Age-Related Hearing Loss: Overview and How to Measure

## Lecture to College Students

### Regional Level

2/27/08 **Evergreen College**, Olympia, WA  
*Pre-Health Society*  
The Career of Medicine

## Small Groups and Clerkships

### Local Level: Columbia University

2023, 2024 *First Year Medical Student Clerkship Program*  
Role: Clerkship supervisor

2015 *Systems, Leadership, Integration, and Management (SLIM) Course*  
Role: Small group instructor

## Surgical Dissection Training (Temporal Bone Laboratories)

### Local Level: Columbia University

2015-present *Resident Temporal Bone Lab Course*  
Role: Course Director

### Local Level: University of Cincinnati

2013-2015 *Resident Temporal Bone Lab Course*  
Role: Instructor

10/18/13 *DO Temporal Bone Course*  
Role: Instructor

**National Level**

- 3/28/25      **Harvard University/Massachusetts Eye & Ear Infirmary**, Boston, MA  
*Endoscopic Surgery of the Sinuses, Eustachian Tube, and Ear*  
Role: Instructor
- 9/26/24      **Univ. of Miami/American Endoscopic Ear Surgery Study Group**, Miami, FL  
*Endoscopic Ear Surgery Dissection Course*  
Role: Instructor
- 9/13/24      **University of Rochester**, Rochester, NY  
*Resident Temporal Bone Laboratory Dissection Course*  
Role: Visiting Professor
- 6/12/19      **Harvard University/Massachusetts Eye & Ear Infirmary**, Boston, MA  
*3<sup>rd</sup> World Congress on Endoscopic Ear Surgery, Surgical Dissection Course*  
Role: Instructor

**International Level**

- 11/19/13      **Bangalore Medical College and Research Center**, Bangalore, India  
*First International Cochlear Implant and Temporal Bone Course*  
Role: Instructor

**12b. Advising and Mentorship****Doctoral Dissertation Committees****Local Level: Columbia University**

2021              Elika Fallah, Olson Laboratory

**Master of Science Thesis Primary Mentor****Local Level: Columbia University**

2024              Hannah Weinstein, MD/MS in Biomedical Sciences (see also below)  
2023              Lauren Tucker, MD/MS in Biomedical Sciences (see also below)  
2022              Michael W. Denham, MD/MS in Biomedical Sciences (see also below)  
2021              Alexandria L. Irace, MD/MS in Biomedical Sciences (see also below)

**Master of Science Thesis Committees****Local Level: Columbia University**

2024              Isadora C. Comens, MD; MD/MS in Biomedical Sciences  
2023              Nicolas A. Waring, MD/MS in Biomedical Sciences; now an otolaryngology  
resident at University of Pennsylvania

## Direct Research Mentorship to Members of My Laboratory

### Local Level: Yearlong Research Fellows in My Laboratory

2025-2026	Stuart Dillon Powell, medical student (funded internal fellowship)
2024-2025	Hannah Weinstein, medical student
2023-2024	Lauren Tucker, medical student (funded internal fellowship); to be otolaryngology resident at University of California San Francisco
2022-2023	Michael W. Denham, medical student (funded internal fellowship); now an otolaryngology resident at Medical University of South Carolina
2021-2022	Maehar R. Grewal (funded internal fellowship), medical student; now an otolaryngology resident at University of Utah
2020-2021	Alexandria L. Irace, medical student (funded internal fellowship); now an otolaryngology resident at University of Pennsylvania
2019-2020	Rahul K. Sharma, medical student (funded internal fellowship); now an otolaryngology resident at Vanderbilt University

### Local Level: Research Residents in My Laboratory

2018-2023	Alexander Chern, MD, resident, otolaryngology—head and neck surgery, now a neurotology fellows at Johns Hopkins University, STAT Wunderkinds '24 awardee
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### Local Level: NIH T35 Summer Fellows in My Laboratory

2022	Emily Ishak, medical student
2021	Jacqueline M. Dragon, medical student; now a radiology resident at Columbia University
2020	Seokyu (Phil) Shin, medical student; now an internal medicine resident at Mount Sinai in New York
2016	Jack B. Doyle, medical student; now a gastroenterology fellow at Columbia University

## Direct Subspecialized Clinical Mentorship: Otology/Neurotology Fellows

### Local Level: Columbia University

2022-2024	Mickie Hamiter, neurotology fellow
2020-2022	Bing M. Teh, neurotology fellow
2018-2020	Sagit S. Stern, neurotology fellow

## Other Mentorship

### Local Level: Columbia University

2023-present	Research mentor, Isaac Alter, medical student
2024	Clinical preceptor, Jeremy Tervo, medical student
2023	Clinical preceptor, Brandon Vilarello, medical student
2023	Clinical preceptor, Nicholas Waring, medical student
2021-present	Research/career mentor, Michelle Yu, resident, otolaryngology—head and neck surgery

2020-present	Research mentor, Jonathan B. Overdevest, MD, PhD, assistant professor, otolaryngology—head and neck surgery (including in official capacity on K23DC019678, Overdevest, PI)
2020-2022	Career mentor, Joshua J. Sturm, resident, otolaryngology—head and neck surgery
2020	Clinical preceptor, Chris Valentini, medical student
2018-2020	Research/career mentor, Karolina K. Kaczmarczyk, undergraduate student
2018-2020	Research mentor, Harry Chiang, medical student
2018-2019	Research mentor, Michelle Yu, medical student
2019	Clinical observership mentor, Raquel Lobo Querido, MD, otolaryngologist, Fortaleza, Brazil
2017	Research mentor, Likun Tian, medical student
2017	Research mentor, Sarah Keesecker-Maurrasse, MD, resident, otolaryngology—head and neck surgery
2016	Research mentor, Stephanie Y. Chen, medical student

#### Local Level: University of Cincinnati

2013	Research mentor, Jon Weber, medical student, University of Cincinnati
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#### Regional Level: University of Cincinnati

2014	Research mentor, Natalie Pottschmidt, college student, Notre Dame
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#### National Level

6/19/20	Lunch with the Professor, University of Washington otolaryngology—head and neck surgery residents, Seattle, WA [virtual]
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### 12c. Educational Administration and Leadership

#### Local Level: Columbia University and NewYork-Presbyterian

2020-present	<i>Otolaryngology—Head and Neck Surgery Residency Program</i> Role: Co-director of resident research committee
2018-present	<i>Columbia Endoscopic Surgery Dissection Course: Ear, Eustachian Tube, Sinus, Skull Base, and Orbit</i> <a href="http://www.ColumbiaEndoCourse.com">www.ColumbiaEndoCourse.com</a> Role: Course Founder and Co-Director
	2024 (7 <sup>th</sup> ): Hybrid format: Webinar ( <b>455 attendees in &gt;80 countries</b> ); In person (lectures and cadaveric dissection, international attendance, <b>8 countries</b> )
	2023 (6 <sup>th</sup> ): Hybrid format: Webinar ( <b>700 attendees in &gt;100 countries</b> ); In-person (lectures and cadaveric dissection, international attendance, <b>&gt;10 countries</b> ; sold out)
	2022 (5 <sup>th</sup> ): Webinar ( <b>1,000 attendees in 105 countries</b> )
	2021 (4 <sup>th</sup> ): Webinar ( <b>1,200 attendees in 110 countries</b> )
	2020 (3 <sup>rd</sup> ): Webinar, ( <b>4,000 attendees in 121 countries</b> )
	2019 (2 <sup>nd</sup> ): In-person (lectures and cadaveric dissection,

- 2018 (1<sup>st</sup>): international attendance, **15 countries/5 continents**; sold out)  
In-person (lectures and cadaveric dissection,  
national and international attendance; sold out)
- 2017-present *Otolaryngology Resident Temporal Bone Lab Dissection Course*  
Role: Course Director
- 2017-2022 *NYP/Columbia-Cornell Neurotology Fellowship (non-ACGME accredited)*  
Role: Assistant Program Director
- 3/25/17 *Electroacoustic Stimulation Surgical Workshop (Med-El)*  
Role: Lead Coordinator
- 2015-2016 *Offsite Mobile Operating Room Resident Temporal Bone and Skull Base Course*  
Role: Course Director

#### **Local Level: University of Cincinnati**

- 2013-2015 *Otolaryngology Resident Temporal Bone Course*  
Role: Lead development of new curriculum, instructor

#### **Local Level: Emory University/Georgia Tech**

- 2006 *Surgical Techniques Workshop*  
Role: Designed syllabus, led workshop to biomedical engineering graduate students

### **12d. Instructional/Educational Material Used in Print or Other Media**

*See Section 15j Op-Eds and Other Media*

### **12e. Community Education or Training**

#### **Community Outreach**

##### **Local Level: Columbia University and New York-Presbyterian**

- 4/18/19, 4/14/18 Co-Director, Listen Up! A Public Forum on Hearing & Hearing Loss Treatment  
3/11/17

##### **Regional Level**

- 4/27/23 Guest Speaker, The Brain Effects of Untreated Hearing Loss in Older Adults, Life Planning Network, tele-meeting (35 attendees)
- 5/4/21 Panel Moderator, What's New in Cochlear Implants?, Hearing Loss Association of American (HLAA), New York City chapter, tele-meeting (90 attendees)
- 9/22/20 Lecture, Hearing Loss and Cognitive Impairment, Bloomingdale Aging in Place, New York, NY
- 6/23/20 Lecture, Hearing Loss and its Connection to Cognition and Dementia, Yonkers

- 5/21/19 Neighborhood Naturally Occurring Retirement Community, Yonkers, NY  
Lecture, Biologic Treatment for Hearing Loss (Except Gene Therapy), Hearing Loss Association of America (HLAA), New York City chapter, New York, NY
- 6/23/18 Lecture, Treating Single Sided Deafness in Acoustic Neuroma, Acoustic Neuroma Association, New York, NY
- 10/17/17 Lecture, Meet the Doctor: The Cutting Edge of Hearing Loss Treatment, New York-Presbyterian/Lawrence, Eastchester, NY
- 5/23/17 Lecture, The Future of Hearing Loss Treatment, Riverdale Y, NY
- 4/25/17 Lecture, Cochlear Implants: Present and Future, Hearing Loss Association of America (HLAA), New York City chapter
- 7/14/16 Lecture, The Future of Hearing Loss Treatment, Riverdale Senior Services, NY
- 3/5/16 Lecture, The Future of Hearing Loss Treatment, Hearing Loss Association of America (HLAA), Westchester County, NY chapter
- 1/20/16 Lecture, The Future of Hearing Loss Treatment, Hearing Loss Association of America (HLAA), North Shore Long Island, NY chapter
- 9/19/15 Lecture, Cochlear Implants and the Future of Hearing Loss Treatment, Hearing Loss Association of America (HLAA)/Alexander Graham Bell, Essex County, NJ

## Board Presentations

### National Level

- 3/6/20 Lecture, The Association Between Age-Related Hearing Loss and Cognition, Hearing Loss Association of America (HLAA) National Board of Directors, Bethesda, MD [tele-presentation]

## Social Media

### National and International Level

- 2015-present @jsgolub on X (formerly Twitter)  
2,821 peak followers (estimated top 5% engagement in otolaryngology)

## Media Presentations, Interviews, Press

### Local Level

1. Gill D. CUIMC staff moves to the frontlines to fight the pandemic amid the loss of hundreds of millions in revenue. *Columbia Spectator*. April 7, 2020.  
<https://www.columbiaspectator.com/news/2020/04/07/cuimc-staff-moves-to-the-frontlines-to-fight-the-pandemic-amid-the-loss-of-hundreds-of-millions-in-revenue/> [Quoted]

### Regional Level

1. Croke K. Age related hearing loss is often untreated: health. *The Journal News* and *lohud.com*. November 9, 2017. <http://www.lohud.com/story/news/health/2017/11/09/dobbs-ferry-doc-age-related-ring-loss-often-untreated-baby-boomers/840934001> [Q&A Interview]

## National Level

1. Collins TR. OTC options for hearing and sleep. *ENT Today*. *ENTtoday*. December 5, 2024. <https://www.enttoday.org/article/otc-options-for-hearing-and-sleep-care/> [Interviewed and quoted]
2. Carey B. Testing Apple's hearing aid: hands-on with AirPods Pro 2 software update. *CNET*. October 21, 2024. <https://www.cnet.com/videos/testing-apples-hearing-aid-hands-on-with-airpods-pro-2-software-update/> [Video interview regarding the over-the-counter hearing aid and audiogram features of Apple AirPods Pro]
3. DiCorato A. One doctor's quest to help people with hearing loss enjoy 'all the richness' of music. *STAT News*. October 18, 2024. <https://www.statnews.com/2024/10/18/hearing-loss-music-cognition-wunderkinds/> [Interviewed regarding research success of former mentee and STAT Wunderkind '24 awardee Alex Chern]
4. Bacher, R. Tips for pursuing the elusive R01 grant. *ENTtoday*. September 6, 2024. <https://www.enttoday.org/article/tips-for-pursuing-the-elusive-r01-grant/> [Interviewed and quoted]
5. Bever, L. Hearing aids may cut risk of cognitive decline by near half. *The Washington Post*. July 29, 2023. <https://www.washingtonpost.com/wellness/2023/07/19/hearing-loss-hearing-aids-dementia-study> [Interviewed and quoted regarding results of the ACHIEVE randomized controlled trial of a hearing intervention on cognition]
6. Collins, T. Hearing intervention may reduce cognitive decline in at-risk. *Neurology Today*. July 26, 2023. [Interviewed]
7. Huff, C. Hear, hear for preventing cognitive decline. *ACP (American College of Physicians) I.M. Matters*. April 2023. <https://immattersacp.org/archives/2023/04/hear-hear-for-preventing-cognitive-decline.htm> [Interviewed and quoted]
8. Kreimer S. Hearing restorative devices may have a beneficial effect on cognition. *NeurologyToday*. January 19, 2023. 23(2):1-23. [https://journals.lww.com/neurotodayonline/Fulltext/2023/01190/Hearing\\_Restorative\\_Devices\\_May\\_Have\\_a\\_Beneficial.3.aspx](https://journals.lww.com/neurotodayonline/Fulltext/2023/01190/Hearing_Restorative_Devices_May_Have_a_Beneficial.3.aspx). [Interviewed and quoted regarding a commentary I wrote in *JAMA Neurology*]
9. Burton KW. Hearing loss strongly tied to increased dementia risk. *Medscape*. January 11, 2023. <https://www.medscape.com/viewarticle/986822>. [Interviewed and quoted regarding a paper in *JAMA*.]
10. Levine H. Hearing aids may lower dementia risk, study finds. *AARP Health*. December 7, 2022. <https://www.aarp.org/health/conditions-treatments/info-2022/hearing-aids-may-lower-dementia-risk.html>. [Interviewed and quoted regarding a commentary I wrote in *JAMA Neurology*]
11. Burton KW. 'Convincing evidence' hearing aids reduce dementia risk. *Medscape*. December 5,

2022. <https://www.medscape.com/viewarticle/985008> [Interviewed and quoted regarding a commentary I wrote in *JAMA Neurology*]
12. Sima R. Hearing loss is a major risk factor for dementia. Hearing aids can help. *The Washington Post*. October 20, 2022. <https://www.washingtonpost.com/wellness/2022/10/20/hearing-loss-dementia-hearing-aids/> [Original research paper of mine mentioned and cited]
  13. Herpen R. Hearing loss associated with depression, causal relationship less clear. *Healio*. September 20, 2022. <https://www.healio.com/news/psychiatry/20220930/hearing-loss-associated-with-depression-causal-relationship-less-clear> [Covers a talk I gave at BRAINWeek 2022 that discussed one of our research papers]
  14. Ritchie K. Over-the-counter hearing aids are coming—and lots of people could benefit. *91.5 KJZZ (National Public Radio [NPR] Member Station)*. Phoenix, AZ. August 23, 2022. <https://kjzz.org/content/1804227/over-counter-hearing-aids-are-coming-and-lots-people-could-benefit> [Feature interview, original research paper of mine discussed]
  15. Kossoff L. Age-related hearing loss is associated with incident dementia in adults over 60. *ENTtoday*. July 13, 2022. <https://www.enttoday.org/article/age-related-hearing-loss-is-associated-with-incident-dementia-in-adults-over-60/> [Featured summary blurb of a recent paper we published]
  16. Carol L. Older Americans with dual sensory impairment less likely to use hearing aid. *Reuters Health*. June 8, 2022. <https://mdalert.com/news/article/older-americans-with-dual-sensory-impairment-less-likely-to-use-hearing-aid> [Quoted on colleague's scientific paper]
  17. Eisenberg R. The future of aging? Here's what 3 influencers in aging say. *Next Avenue* [part of PBS system]. Dec 9, 2021. <https://www.nextavenue.org/the-future-of-aging-influencers/> [Interviewed]
  18. Editors. Our list of 2021's influences in aging. *Next Avenue* [part of PBS system]. Dec 7, 2021. <https://www.nextavenue.org/2021-influencers-in-aging/> [Featured as one of 14 influences in aging]
  19. Richie K. Reimagining health care: our influences in aging...talk about the future of health care and what must change now for older adults. *Next Avenue* [part of PBS system]. Dec 7, 2021. <https://www.nextavenue.org/reimagining-health-care/> [Interview and showcased for my work on hearing and aging]
  20. Williamson L. Hearing loss and the link to dementia. *American Heart Association News*. October 21, 2021. <https://www.heart.org/en/news/2021/10/21/hearing-loss-and-the-link-to-dementia> [Mentee Alex Chern interviewed and quoted, two of our papers cited]
  21. Ferguson K. What to do about age-related hearing loss. *Real Health*. August 30, 2021. <https://www.realhealthmag.com/article/agerelated-hearing-loss> [Interviewed and quoted]
  22. Layne R. Listen up: cheaper, sleeker over-the-counter hearing aids may hit shelves next year.

- CBS News: Moneywatch*. August 6, 2021. <https://www.cbsnews.com/news/hearing-aid-over-the-counter-cheaper-may-hit-shelves-next-year> [Interviewed and quoted]
23. Farrell C, Matsumoto S. How loneliness affects our health—and what we can do. *MPR: Minnesota Public Radio (National Public Radio [NPR] Member Station)*. Minneapolis, MN. July 22, 2021. <https://www.mprnews.org/episode/2021/07/21/how-loneliness-affects-our-health-and-what-we-can-do> [Live radio interview]
  24. Macaluso N. Can Companies Like Apple and Bose Make Hearing Aids Trendy? *Next Avenue* [part of PBS system]. June 2, 2021. <https://www.nextavenue.org/hearing-aids-trendy>. [Quoted]
  25. Ritche K. Why many older adults with hearing loss aren't getting the care they need. *91.5 KJZZ (National Public Radio [NPR] Member Station)*. Phoenix, AZ. May 13, 2021. <https://kjzz.org/content/1682962/why-many-older-adults-hearing-loss-arent-getting-care-they-need> [Interviewed and quoted]
  26. Fina M, **Golub JS**, Lee DJ, Chandrasekhar S. Endoscopic ear surgery. *Otolaryngologic Clinics of North America*. March 2021. [Podcast interview]
  27. Bernstein RD. My cochlear implant adventure. *Hearing Health: a Publication of Hearing Health Foundation*. Fall 2020: Page 27. <https://view.publitas.com/p222-4764/hearing-health-fall-2020-issue/page/27> [Quoted]
  28. Tingley K. Can hearing aids help prevent dementia? *The New York Times Magazine*. February 20, 2020. <https://www.nytimes.com/2020/02/20/magazine/hearing-loss-dementia-alzheimers.html> [Interview and media coverage of an original research paper of mine]
  29. Brody J. For better brain health, preserve your hearing. *The New York Times*. December 30, 2019. <https://www.nytimes.com/2019/12/30/well/live/brain-health-hearing-dementia-alzheimers.html> [Interview and media coverage of an original research paper of mine]
  30. Subclinical hearing loss may be associated with cognitive impairment. *Healio.com* December 13, 2019. [Interview and media coverage of an original research paper of mine]
  31. Link between hearing and cognition begins earlier than once thought. *ENTtoday*. November 15, 2019. <https://www.enttoday.org/article/link-between-hearing-and-cognition-begins-earlier-than-once-thought/> [Media coverage of an original research paper of mine]
  32. Carol L. Hearing loss, even when mild, linked to mental decline in seniors. *Reuters*. November 14, 2019. <http://www.reuters.com/article/us-health-hearing-cognition/hearing-loss-even-when-mild-linked-to-mental-decline-in-seniors-idUSKBN1XO2ML> [Interview and media coverage of an original research paper of mine]
  33. Golub JS, Johns MM 3<sup>rd</sup>. Subclinical hearing loss is associated with cognitive performance. *JAMA Otolaryngol Head Neck Surg Author Interviews*. November 2019. <https://edhub.ama-assn.org/jn-learning/audio-player/18028264> [Podcast interview regarding an original research paper of mine]

34. Using a smartphone to sound out sign of kids' ear infections. *Associated Press*. May 15, 2019. <https://apnews.com/6f391e7a19954641be5aee5b600b27cf> [Quoted]
35. Hearing loss could be source of depression in elderly Hispanic patients. *ASHA Leader*. March 2019. [Blurb of an original research paper of mine]
36. Paturel A, Shaw G. Sound Advice. *Brain & Life* (American Academy of Neurology). Oct/Nov 2018. 42-44. <https://www.brainandlife.org/articles/when-hearing-declines-cognitive-health-may-decline-as-well-find> [Interview]
37. Byran C. Is there something wrong with me if I only hear Yanny and not Laurel? May 16, 2018. <https://mashable.com/article/yanny-laurel-audio-hearing-ear-damage> [Interview]

## 12f. Continuing Education and Professional Education

*Note: Only leadership activities are listed*

### Regional Level

2015-present      Director, Skull Base Tumor Board, Columbia University Irving Medical Center (CME accredited; 1 hour/month) [local and regional attendance]

### International Level

2018-present      Co-director, Columbia Endoscopic Ear, Eustachian Tube, Sinus Surgery Dissection Course (CME accredited; 2-3 days/year) [mostly international attendance]

## 13. Report of Clinical Care and Public Health Interventions

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### 13a. Clinical Practice or Public Health Activities

2015-present      **ColumbiaDoctors**; New York, NY (Harkness Pavilion); Bronx, NY (Riverdale); telemedicine (remote)  
*Ambulatory Clinical Practice*  
3-4 sessions/week

2015-present      **NewYork-Presbyterian Ambulatory Care Network**; New York, NY (Vanderbilt Clinic)  
*Ambulatory Clinical Practice*  
0.5 sessions/week

2015-present      **NewYork-Presbyterian**; New York, NY (CUIMC); Bronxville, NY (Lawrence)  
*Operating Room*  
1.25 sessions/week

### 13b. Clinical or Public Health Innovations

- 2015-present      **Endoscopic Ear Surgery Program**  
*Program Founder*  
 Established the first major clinical program in the NY Metro area for minimally-invasive endoscopic ear surgery and one of the first training courses in the country (e.g., 4,000 attendees in 121 countries to our virtual course in 2020)

### 13c. Clinical and/or Public Health Administration and Leadership

- 2021-present      **Medical Scribe Program**, Dept of Otolaryngology—Head and Neck Surgery  
*Program Initiator and Leader*  
 Conceived, initiated, and manage the first medical scribe program in Dept of Otolaryngology—Head and Neck Surgery. Calculated increased clinical efficiency by ~20% per participating provider. Program size doubled since inception.
- 2017-2019      **Listen Up! A Public Forum on Hearing and the Treatment of Hearing Loss**,  
 Columbia University Irving Medical Center  
*Co-Director*  
 See Section 12e under Community Outreach

### 13d. Additional Clinical or Public Health Service Activities

- 2013              **Nova Surgical Specialties Center**, Bangalore, India  
*Community Medical Service (complex ear surgery)*

## 14. Patents and Inventions

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## 15. Publications

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**Google Scholar Productivity Metrics** (<https://scholar.google.com/citations?hl=en&user=VkXIjS4AAAAJ>)

	<b>Overall</b>	<b>Past 5 Years</b>
<b>h-index</b>	33	30
<b>Citations</b>	5,896	3,117

#### *List of Subsections*

- 15a. *Peer-Reviewed Research Papers in Print or Other Media*
- 15b. *Other Peer Reviewed Publications in Print or Other Media*
- 15c. *Reviews, Monographs, Editorials, Invited Commentary*
- 15d. *Chapters*
- 15e. *Books/Textbooks for Medical or Scientific Community*
- 15f. *Journal Issues Edited*
- 15g. *Meetings/Invited Oral and Poster Presentations<sup>†</sup>*
- 15h. *Case Reports*

15i. *Letters to the Editor*

15j. *Op-Eds and Other Media*

15k. *Thesis*

15l. *Other Non-Peer Reviewed Publications in Print or Other Media*<sup>†</sup>

15m. *Non-Author publications*

<sup>†</sup>Note: For Peer-Selected/Invited Abstracts (Oral and Poster) and Peer-Selected/Invited Non-Abstract Presentations, see Section 16

\* indicates senior authorship

§ indicates research mentee under my mentorship

## 15a. Peer-Reviewed Research Papers in Print or Other Media

Note: Roles for non-primary, non-senior author publications are clarified in brackets.

1. Tucker LH<sup>§</sup>, Grewal MR<sup>§</sup>, Chern A<sup>§</sup>, Denham MW<sup>§</sup>, Weitzman RE, Eckert MA, Selesnick SH, Noble JM, **Golub JS\***. Associations between hearing loss and dementia in a large electronic health record system. *Laryngoscope*. [Accepted March 2025]
2. Weinstein HNW<sup>§</sup>, Tucker LH<sup>§</sup>, Grewal MR<sup>§</sup>, Denham MW<sup>§</sup>, Brewster KK, **Golub JS\***. The association between hearing loss and depression in a large electronic health record system. *Otolaryngol Head Neck Surg*. 2005. PMID: 39865418. [Online ahead of print]
3. Denham MW<sup>§</sup>, Tucker LH<sup>§</sup>, **Golub JS\***. Hearing loss and discrimination: evidence of intersectionality in the All of Us research program. *Laryngoscope*. 2005. PMID: 39868617. [Online ahead of print]
4. Feng SJ<sup>§</sup>, Shomorony A<sup>§</sup>, Leong S<sup>§</sup>, **Golub JS\***. Greatly heightened public interest in hearing aids in the last 7 years. *Otol Neurotol Open*. 2024. 4:e062. PMID pending. DOI: 10.1097/ONO.0000000000000062.
5. Ishak EM<sup>§</sup>, Denham MW<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. Age-based disparities in hearing loss diagnosis and treatment in the United States population. *Am J Otolaryngol*. 2024. 45(5): 104403. PMID: 39047624.
6. Rameau A, Tucker LH<sup>§</sup>, Denham MW<sup>§</sup>, Kang YJ, Choi N, Lachs M, Rosen T, Stewart Michael, Czaja S, **Golub JS\***. Voice disorders and hearing loss may be additive risk factors for depression in a national cohort. *Laryngoscope*. 2024. 134(9): 4060-4065. PMID: 38804637.
7. Denham MW<sup>§</sup>, Tucker LH<sup>§</sup>, Gorroochurn P, **Golub JS\***. Hearing loss and reduced income growth: a longitudinal socioeconomic analysis. *Otolaryngol Head Neck Surg*. 2024. 171(3): 740-746. PMID: 38738916. [Editor's Choice Article]
8. Alter IL<sup>§</sup>, Tucker LH<sup>§</sup>, Dragon, JM<sup>§</sup>, Grewal MR<sup>§</sup>, Saperstein A, Stroup TS, Medalia AA, **Golub JS\***. National cohort data suggests an association between serious mental illness and audiometric hearing loss. *Otolaryngol Head Neck Surg*. 2024. 171(3): 716-723. PMID:

38606639.

9. Denham MW<sup>§</sup>, Arnold ML, Sanchez VA, Lin FR, Gomez MC, Neil H, Boyle S, Selevan S, Sussman TJ, Fine I, Glynn NW, Teresi J, Noble JM, Goldberg T, Luchsinger JA, **Golub JS\***. Design and methods of the Early Age-Related Hearing Loss Investigation (EARHLI) randomized controlled trial. *Otol Neurotol*. 2024. 45(5): 594-601. PMID: 38728564.
10. Saperstein AM, Subhan BA, **Golub JS**, Medalia A. Hearing loss in older people with schizophrenia: audiologic characteristics and association with psychosocial functioning. *Am J Geriatr Psychiatry*. 2024. 32(4): 489-496. PMID: 38030420. [Role: hearing measure expertise, data analysis]
11. Zhao IY, Parial LL, Montayre J, **Golub JS**, Ng JH, Sweetow RW, Chan EA, Leung AYM. Social engagement and depressive symptoms mediate the relationship between age-related hearing loss and cognitive status. *Int J Geriatr Psychiatry*. 2023. 38(8): e5982. PMID: 37587617. [Role: methods review, manuscript review]
12. Saperstein AM, Meyler S, **Golub JS**, Medalia A. Correlates of hearing loss among adults with schizophrenia. *Schizophr Res*. 2023. 257: 1-4. PMID: 37230041. [Role: methods design, critical review]
13. Nathan AS, Cheung AY, Powers K, Stepp WH, **Golub JS**, Reyes SA, Levi JR. Assessing the accuracy of Otomatch.com data for individuals applying to otolaryngology residency. *Ann Otol Rhinol Laryngol*. 2023. 132(12): 1610-1616. PMID: 37271976. [Role: critical review]
14. Dragon JM<sup>§</sup>, Grewal MR<sup>§</sup>, Irace AL<sup>§</sup>, Garcia Morales E, **Golub JS\***. Prevalence of subclinical hearing loss in the United States. *Otolaryngol Head Neck Surg*. 2023. 169(4): 884-889. PMID: 36960774. [**Featured Article of the Month, The Auricle, July 12, 2023**]
15. Grewal MR<sup>§</sup>, **Golub JS\***. The association between hearing loss and multiple negative emotional states in the U.S. Hispanic population. *Otolaryngol Head Neck Surg*. 2022. 168(5): 1047-1053. PMID: 36939491.
16. Tu LJ, Fina M, **Golub JS**, Kazahaya K, Quesnel AM, Tawfik KO, Cohen MS. Current trends in endoscopic ear surgery. *Otol Neurotol Open*. 2022. 2(4): e023. PMID: 38516579. [Role: choice of focus and scope, critical editing]
17. Chern A<sup>§</sup>, Sharma RK<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. Patient-reported postoperative pain and numbness: applications for endoscopic vs microscopic ear surgery. *J Pers Med*. 2022. 12(10): 1718. PMID: 36294857.
18. Dragon JM<sup>§</sup>, Grewal MR<sup>§</sup>, Irace AL<sup>§</sup>, **Golub JS\***. Hearing aid usage and reported hearing difficulty in Americans with subclinical hearing loss. *Otol Neurotol*. 2022. 43(9): e951-e956. PMID: 36047683.
19. Grewal MR<sup>§</sup>, **Golub JS\***. Hearing loss is associated with worse socialization in the US Hispanic adult population. *Otol Neurotol*. 2022. 43(9): 1085-1089. PMID: 36026592.

20. Brewster K, Zilcha-Mano S, Wallace M, Kim AH, Brown PJ, Roose SP, **Golub JS**; Galatioto J, Kuhlmeier M, Rutherford BR. A precision medicine tool to understand who responds best to hearing aids in late-life depression. *Int J Geriatr Psychiatry*. 2022. 37(6): 1-9. PMID: 35499363. [Role: critical review, hearing measures]
21. Grewal MR<sup>§</sup>, Dragon J<sup>§</sup>, **Golub JS\***. Age-related disparities in the treatment of borderline/mild hearing loss in the United States. *OTO Open*. 2022. 6(1): 1-4. PMID: 35274074.
22. Martinez-Amezcuca P, Dooley EE, Reed NS, Powell D, Hornikel B, **Golub JS**, Gabriel KP, Palta P. Association of hearing impairment and 24-Hour total movement activity in a representative sample of U.S. adults. *JAMA Netw Open*. 2022. 5(3):e222983. PMID: 35302630. [Role: critical review, hearing loss definition]
23. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, **Golub JS\***. The laterality of age-related hearing loss and depression. *Otol Neurotol*. 2022. 43(6): 625-631. PMID: 35709424.
24. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, Sharma RK<sup>§</sup>, Zhang Y, Chen Q, **Golub JS\***. The longitudinal association of subclinical hearing loss with cognition in the Health, Aging and Body Composition Study. *Front Aging Neurosci*. 2022. 13: 789515. PMID: 35300148.
25. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, **Golub JS\***. The laterality of age-related hearing loss and cognition. *Otol Neurotol Open*. 2022. 2(1): e008. PMID: 38515812. DOI: 10.1097/ONO.0000000000000008.
26. London AO, Gallagher LW, Sharma RK<sup>§</sup>, Spielman D, **Golub JS**, Overdeest JB<sup>§</sup>, Yan CH, DeConde A, Gudis DA. Impact of race, ethnicity and socioeconomic status on nasopharyngeal carcinoma disease-specific and conditional survival. *J Neurol Surg B Skull Base*. 2021. 83(5): 451-460. PMID: 36091633. [Role: critical review.]
27. Kay-Rivest E, Irace AL<sup>§</sup>, **Golub JS**, Svirsky MA. Prevalence of single-sided deafness in the United States. *Laryngoscope*. 2021. 132(8): 1652-1656. PMID: 34757636. [Role: oversight of statistical analysis]
28. Irace AL<sup>§</sup>, Rippon BQ, Brickman AM, Luchsinger JA, **Golub JS\***. The laterality of early age-related hearing loss and brain  $\beta$ -amyloid. *Otol Neurotol*. 2022. 43(3): e382-e390. PMID: 35147609.
29. Irace AL<sup>§</sup>, Armstrong NM, Deal JA, Chern A<sup>§</sup>, Ferrucci L, Lin FR, Resnick SM, **Golub JS\***. Longitudinal associations of subclinical hearing loss with cognitive decline. *J Gerontol A Biol Sci Med Sci*. 2021. 77(3): 623-631. PMID: 34516645.
30. Chern A<sup>§</sup>, Sharma RK<sup>§</sup>, **Golub JS\***. Hearing loss and incident dementia: claims data from the New York SPARCS database. *Otol Neurotol*. 2022. 43(1): 36-41. PMID: 34538853
31. Brewster K, Choi CJ, He X, Kim AH, **Golub JS**, Brown PJ, Liu Y, Roose SP, Rutherford BR. Hearing rehabilitative treatment for older adults with comorbid hearing loss and depression: effects on depressive symptoms and executive function. *Am J Geriatr Psychiatry*. 2022. 30(4): 448-458. PMID: 34489159. [Role: expertise in hearing measure and treatment]

32. Ridge SE, Chari DA, Kozin ED, Remenschneider AK, Adunka OF, Aristegui M, Chang WT, Cheng, Y, Chung JW, Cohen MS, Crowson MG, **Golub JS**, Handzel O, Isaacson B, Ayer A, Kakehata S, Marchioni D, Nogueira J, Patel N, Quesnel AM, Rivas AJ, Saeed SR, Salzman R, Santos F, Saxby AJ, Tarabichi M, Verhaert N, Vincent R, Wanna G, Wolpert S, Lee DJ. International survey of operative practices for otologists and neurotologists during the COVID-19 crisis. *Otol Neurotol*. 2021. 42(8): 1275-1284. PMID: 34398111. [Role: survey administration and dissemination]
33. Sharma RK<sup>§</sup>, Chern A<sup>§</sup>, Begasse de Dhaem O, **Golub JS\*\***, Lalwani AK\*\*. Chronic obstructive pulmonary disease is a risk factor for sensorineural hearing loss: a US population study. *Otol Neurotol*. 2021. 42(10): 1467-1475. PMID: 34387615. **\*\*Shared senior authorship.**
34. Chern A<sup>§</sup>, Sharma RK<sup>§</sup>, Maurrasse SE<sup>§</sup>, Drusin MA, Ciarleglio AJ, **Golub JS\***. Educational value of endoscopic versus microscopic ear surgery. *Ann Otol Rhinol Laryngol*. 2022. 131(2): 147-153. PMID: 33957787.
35. Sharma RK<sup>§</sup>, Dodhia S, **Golub JS**, Overdevest JB<sup>§</sup>, Gudis DA. Gender as a predictor of complications in endoscopic sinus surgery. *Ann Otol Rhinol Laryngol*. 2021. 130(8): 892-898. PMID: 33412907. [Role: statistics, data analysis]
36. Brewster KK, Chen M, Wall MM, Brown PJ, Zilcha-Mano S, Roose SP, Stein A, **Golub JS**, Rutherford BR. Age-related hearing loss, neuropsychological performance, and incident dementia in older adults. *J Alzheimers Dis*. 2021. 80(2): 855-864. PMID: 33579835. [Role: expertise on hearing loss measure, critical review]
37. Brewster KK, Hu MC, Zilcha-Mano S, Stein A, Brown PJ, Wall MM, Roose SP, **Golub JS**, Rutherford BR. Age-related hearing loss, late-life depression, and risk for incident dementia in older adults. *J Gerontol A Biol Sci Med Sci*. 2020. 76(5): 827-834. PMID: 32959064. [Role: expertise on hearing loss measure, critical review] **[Editor's Choice Article]**
38. Sharma RK<sup>§</sup>, Lalwani AK, **Golub JS\***. Modeling hearing loss progression and asymmetry in the older old: a national population-based study. *Laryngoscope*. 2021. 131(4): 879-884. PMID: 33161587.
39. Valentini C<sup>§</sup>, Lin J, **Golub JS**, Lustig L. Price differences between otic and ophthalmic drops. *Otol Neurotol*. 2021. 42(2): 274-277. PMID: 33351562. [Role: statistics, data analysis]
40. **Golub JS**, Sharma RK<sup>§</sup>, Rippon BQ, Brickman AM, Luchsinger JA. The association between early age-related hearing loss and brain  $\beta$ -amyloid. *Laryngoscope*. 2021. 131(3): 633-638. PMID: 32644260.
41. Sharma RK<sup>§</sup>, Lalwani AK, **Golub JS\***. Prevalence and severity of hearing loss in the older old population. *JAMA Otolaryngol Head Neck Surg*. 2020. 146(8): 762-763. PMID: 32584401.
42. Brewster KK, Pavlicova M, Stein A, Chen M, Chen C, Brown PJ, Roose SP, Kim AH, **Golub JS**, Brickman A, Galatioto J, Kuhlmeier M, Rutherford BR. A pilot randomized controlled trial of hearing aids to improve mood and cognition in older adults. *Int J Geriatr Psychiatry*. 2020.

- 35(8): 842-850. PMID: 32291802. [Role: project design, logistics]
43. **Golub JS**, Brewster KK, Brickman AM, Ciarleglio AJ, Kim AH, Luchsinger JA, Rutherford BR. Subclinical hearing loss is associated with depressive symptoms. *Am J Geriatr Psychiatry*. 2020. 28(5): 545-556. PMID: 31980375.
44. Hwa TP, Sturm JJ<sup>§</sup>, Losenegger T, Owen A, Kuhlmeier M, Cellum I, Lalwani AK, Lustig LR, **Golub JS**, Kim AH. Impact of underlying diagnosis on speech and quality of life outcomes after cochlear implantation for single-sided deafness. *Otol Neurotol*. 2020. 41(4): e432-e440. PMID: 32176127. [Role: statistics, data analysis]
45. **Golub JS**, Brickman AM, Ciarleglio AJ, Schupf N, Luchsinger JA. Association of subclinical hearing loss with cognitive performance. *JAMA Otolaryngol Head Neck Surg*. 2020. 146(1): 57-67. PMID: 31725853.  
[National press coverage, including two articles in *The New York Times* and cited in *The Washington Post*]
46. Gibson AW, Moon IJ, **Golub JS**, Rubinstein JT. A comparison of endolymphatic shunt surgery and intratympanic gentamicin for Meniere's disease. *Laryngoscope*. 2020. 130(10): 2455-2460. PMID: 31808957. [Role: project logistics]
47. **Golub JS**, Brickman AM, Ciarleglio AJ, Schupf N, Luchsinger JA. Audiometric age-related hearing loss and cognition in the Hispanic Community Health Study. *J Gerontol A Biol Sci Med Sci*. 2019. 75(3): 552-560. PMID: 31183502. [Editor's Choice Article]
48. **Golub JS**, Brewster KK, Brickman AM, Ciarleglio AJ, Kim AH, Luchsinger JA, Rutherford BR. Association of audiometric age-related hearing loss with depressive symptoms among Hispanic individuals. *JAMA Otolaryngol Head Neck Surg*. 2019. 145(2): 132-139. PMID: 30520955.
49. Kosty JA, Stevens SM, Gozal YM, DiNapoli VA, Patel SK, **Golub JS**, Andaluz NO, Pensak M, Zuccarello M, Samy RN. Middle fossa approach for resection of vestibular schwannomas: a decade of experience. *Oper Neurosurg*. 2019. 16(2): 147-158. PMID: 29889286. [Role: data review, interpretation]
50. Sharma RK<sup>§</sup>, Chen SY<sup>§</sup>, Grisel J, **Golub JS\***. Assessing cochlear implant performance in older adults using a single, universal outcome measure created with imputation in HERMES. *Otol Neurotol*. 2018. 39(8): 987-994. PMID: 30001281.
51. Brewster KK, Ciarleglio A, Brown PJ, Chen C, Kim HO, Roose SP, **Golub JS**, Rutherford BR. Age-related hearing loss and its association with depression in later life. *Am J Geriatr Psychiatry*. 2018. 26(7): 788-796. PMID: 29752060. [Role: data analysis, review]
52. Doyle JB<sup>§</sup>, Raghunathan RR, Cellum I, Li G, **Golub JS\***. Longitudinal tracking and prediction of sound exposure and usage in hearing aid wearers using objective data logs. *Otolaryngol Head Neck Surg*. 2018. 159(1): 110-116. PMID: 29587086.
53. **Golub JS**, Lin FR, Lustig LR, Lalwani AK. Prevalence of adult unilateral hearing loss and

- hearing aid use in the United States. *Laryngoscope*. 2018. 128(7): 1681-1686. PMID: 29193112.
54. Chen SY<sup>§</sup>, Grisel JJ, Lam A, **Golub JS\***. Assessing cochlear implant outcomes in older adults using HERMES: a national web-based database. *Otol Neurotol*. 2017. 38(10): e405-e412. PMID: 28984801.
  55. **Golub JS**, Luchsinger JA, Manly JJ, Stern Y, Mayeux R, Schupf N. Observed hearing loss and incident dementia in a multiethnic cohort. *J Amer Ger Soc*. 2017. 65(8): 1691-1697. PMID: 28323321.
  56. Poon C, Stevens SM, **Golub JS**, Pensak ML, Samy RN. Pilot study evaluating the impact of otology surgery videos on otolaryngology resident education. *Otol Neurotol*. 2017. 38(3): 423-428. PMID: 28192383. [Role: project design, logistics, data analysis]
  57. **Golub JS**, Weber JD<sup>§</sup>, Leach JL, Pottschmidt NR, Zuccarello M, Pensak ML, Samy RN. Feasibility of the ultrasonic bone aspirator in retrosigmoid vestibular schwannoma removal. *Otolaryngol Head Neck Surg*. 2015. 153(3): 427-432. PMID: 26048419.
  58. Weber JD<sup>§</sup>, Samy RN, Nahata A, Zuccarello M, Pensak ML, **Golub JS\***. Reduction of bone dust dispersion with an ultrasonic bone aspirator: implications for retrosigmoid vestibular schwannoma removal. *Otolaryngol Head Neck Surg*. 2015. 152(6): 1102-1107. PMID: 25754180.
  59. Phillips JO, Ling L, Nie K, Jameyson E, Phillips CM, Nowack AL, **Golub JS**, Rubinstein JT. Vestibular implantation and longitudinal electrical stimulation of the semicircular canal afferents in human subjects. *J Neurophysiol*. 2015. 113(10): 3866-3892. PMID: 25652917. [Role: analysis methods, data interpretation]
  60. **Golub JS**, Sharma A, Samy RN. A smartphone-optimized website for conveniently viewing otolaryngology journal abstracts. *Otolaryngol Head Neck Surg*. 2014. 151(6): 972-975. PMID: 25269468.
  61. Kozin ED, Sethi R KV, Lehmann A, Remenschneider AK, **Golub JS**, Reyes SA, Emerick KS, Lee DJ, Gray ST. Analysis of an online match discussion board: improving the otolaryngology—head and neck surgery match. *Otolaryngol Head Neck Surg*. 2014. 152(3): 458-464. PMID: 25550223. [Role: data analysis, interpretation]
  62. **Golub JS**, Ling L, Nie K, Nowack A, Shepherd SJ, Bierer SM, Jameyson E, Kaneko CRS, Phillips JO, Rubinstein JT. Prosthetic implantation of the human vestibular system. *Otol Neurotol*. 2014. 35(1): 136-147. PMID: 24317220.
  63. **Golub JS**, Tong L, Nguyen TB, Hume CR, Palmiter RD, Rubel EW, Stone JS. Hair cell replacement in adult mouse utricles after targeted ablation of hair cells with diphtheria toxin. *J Neurosci*. 2012. 32(43): 15093-15105. PMID: 23100430.
  64. **Golub JS**, Won JH, Drennan WR, Worman TD, Rubinstein JT. Spectral and temporal measures in Hybrid cochlear implant users: on the mechanism of electroacoustic hearing

- benefits. *Otol Neurotol*. 2012. 33(2): 147-153. PMID: 22215451.
65. Lin V\*\*, **Golub JS\*\***, Nguyen TB, Hume CR, Oesterle EC, Stone JS. Inhibition of Notch activity promotes non-mitotic regeneration of hair cells in the adult mouse utricle. *J Neurosci*. 2011. 31(43): 15329-15339. PubMed PMID: 22031879. \*\*Shared primary authorship
66. **Golub, JS**, Ossoff RH, Johns MM 3<sup>rd</sup>. Fellowship and career path preferences in American residents of otolaryngology—head and neck surgery. *Laryngoscope*. 2011. 121(4): 882-887. PMID: 21433024.
67. Contag SP, **Golub JS**, Teknos TN, Nussenbaum B, Stack BC Jr, Arnold DJ, Johns MM 3<sup>rd</sup>. Professional burnout among microvascular and reconstructive free-flap head and neck surgeons in the United States. *Arch Otolaryngol Head Neck Surg*. 2010. 136(10): 950-956. PMID: 20956739. [Role: project design, data interpretation]
68. **Golub JS**, Kim YT, Duvall CL, Bellamkonda RV, Gupta D, Lin AS, Weiss D, Taylor WR, Guldberg RE. Sustained VEGF delivery via PLGA nanoparticles promotes vascular growth. *Am J Physiol Heart Circ Physiol*. 2010. 298(6): H1959-H1965. PMID: 20228260.
69. Kolachala VL, Henriquez OA, Shams S, **Golub JS**, Kim YT, Laroui H, Torres-Gonzalez E, Brigham KL, Rojas M, Bellamkonda RV, Johns MM. Slow-release nanoparticle-encapsulated delivery system for laryngeal injection. *Laryngoscope*. 2010. 120(5): 988-994. PMID: 20422696. [Role: development of nanoparticle construct]
70. **Golub JS**, Johns MM 3<sup>rd</sup>, Lim JH, DelGaudio JM, Klein AM. Comparison of an oropharyngeal pH probe and a standard dual pH probe for diagnosis of laryngopharyngeal reflux. *Ann Otol Rhinol Laryngol*. 2009. 118(1): 1-5. PMID: 19244956.
71. Chen PH, **Golub JS**, Hapner ER, Johns MM 3<sup>rd</sup>. Prevalence of perceived dysphagia and quality of life impairment in a geriatric population. *Dysphagia*. 2009. 24(1): 1-6. PMID: 18368451. [Role: data analysis, manuscript writing]
72. **Golub JS**, Johns MM 3<sup>rd</sup>, Weiss PS, Ramesh AK, Ossoff RH. Burnout in academic faculty of otolaryngology—head and neck surgery. *Laryngoscope*. 2008. 118(11): 1951-1956. PMID: 18797419.
73. Abdelkafy WM, Smith JQ, Henriquez OA, **Golub JS**, Xu J, Rojas M, Brigham KL, Johns MM. Age-related changes in the murine larynx: initial validation of a mouse model. *Ann Otol Rhinol Laryngol*. 2007. 116(8): 618-22. PMID: 17847730. [Role: project design]
74. **Golub JS**, Weiss PS, Ramesh AK, Ossoff RH, Johns MM 3<sup>rd</sup>. Burnout in residents of otolaryngology—head and neck surgery: a national inquiry into the health of residency training. *Acad Med*. 2007. 82(6): 596-601. PMID: 17525550.
75. **Golub JS**, Chen PH, Otto KJ, Hapner E, Johns MM 3<sup>rd</sup>. Prevalence of perceived dysphonia in a geriatric population. *J Amer Ger Soc*. 2006. 54(11): 1736-1739. PMID: 17087701.
76. Levenberg S, **Golub JS**, Amit M, Itskovitz-Eldor J, Langer R. Endothelial cells derived from

human embryonic stem cells. *Proc Natl Acad Sci*. 2002. 99(7): 4391-4396. PMID: 11917100. [Role: polymerase chain reaction method, data analysis and interpretation]

## 15b. Other Peer Reviewed Publications in Print or Other Media

## 15c. Reviews, Monographs, Editorials, Invited Commentary

*Note: For Op-Eds (in Non-Scientific Press), see Section 15j*

1. Chern A, **Golub JS\***. Over-the-counter hearing aid-enabled earbuds: merging hearing health and technology. *JAMA Otolaryngol Head Neck Surg*. 2025. PMID: 40111324. [Editorial] [Online ahead of print]
2. Ishak E<sup>§</sup>, Gallitto M, **Golub JS**, Sisti MB, Wang TJC. Radiation-induced sensorineural hearing loss and potential management. *Pract Radiat Oncol*. 2024. 14(3): 212-215. PMID: 38211694. [Review] [Role: discussion editing/writing]
3. Denham MW<sup>§</sup>, Weitzman RE<sup>§</sup>, **Golub JS\***. Hearing aids and cochlear implants in the prevention of cognitive decline and dementia—breaking through the silence. *JAMA Neurology*. 2023. 80(2): 127-28. PMID: 36469311. [Editorial]
4. Waring NA, Chern A<sup>§</sup>, **Golub JS\***. The longitudinal relationship between hearing loss and cognitive decline: what you need to know. *The Hearing Journal*. 2023. 76(3): 26-28. DOI: 10.1097/01.HJ.0000922284.78796.fe [Review] [**Featured Cover Article**]
5. Denham M<sup>§</sup>, **Golub JS\***. Does hearing rehabilitation mitigate the association between hearing loss and cognitive impairment? *Current Otorhinolaryngology Reports*. 2022. 10: 310-314. DOI: 10.1007/s40136-022-00412-7 [Review]
6. Irace AL<sup>§</sup>, Chern A<sup>§</sup>, **Golub JS\***. Hearing loss patterns throughout life: insights from Japan. *Lancet Reg Health West Pac*. 2021. 10: 100152. PMID: 34327352. [Editorial]
7. Sturm JJ<sup>§</sup>, Maurrasse SE<sup>§</sup>, **Golub JS\***. Intratympanic steroid injection. *Operative Techniques in Otolaryngology Head and Neck Surgery*. 2021. 32(2): 92-98. DOI: 10.1016/j.otot.2021.05.005 [Review]
8. Brewster KK, **Golub JS**, Rutherford BR. Neural circuits and behavioral pathways linking hearing loss to affective dysregulation in older adults. *Nature Aging*. 2021. 1: 422-429. PMID: 37118018. [Review] [Role critical review, hearing section]
9. Irace AL<sup>§</sup>, Chern A<sup>§</sup>, **Golub JS\***. Hearing loss and cognition: something to think about. *ENT & Audiology News*. March/April 2021. 30(1). [Review]
10. Chern A<sup>§</sup>, **Golub JS**, Lalwani AK. Do hearing aids help prevent cognitive decline? *Laryngoscope*. 2021. 131(10): 2166-2168. PMID: 33393674. [Review] [Role: writing, editing, critical literature review]

11. Irace AL<sup>§</sup>, Sharma RK<sup>§</sup>, Reed NS, **Golub, JS\***. Smartphone-based applications to detect hearing loss: a review of current technology. *J Amer Ger Soc*. 2021. 69(2): 307-316. PMID: 33341098. [Review] [Role: project conception, literature review, writing]
12. Stern SS<sup>§</sup>, Sharma RK<sup>§</sup>, Chern A<sup>§</sup>, **Golub JS\***. Pearls and pitfalls in endoscopic ear surgery. *Otolaryngol Clin North Am*. 2021. 54(1): 201-209. PMID: 33153731. [Review]
13. Fina M, **Golub JS**, Lee DJ. A new window to the ear. *Otolaryngol Clin North Am*. 2021. 54(1): xxi-xxii. PMID: 33153738. [Introduction] [Role: writing, editing]
14. Sharma RK<sup>§</sup>, Chern A<sup>§</sup>, **Golub JS\***. Age-related hearing loss and the development of cognitive impairment and late-life depression: a scoping overview. *Semin Hear*. 2021. 42(1): 10-25. PMID: 33883788. [Review]
15. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, **Golub JS\***. Mapping the brain effects of hearing loss: the matter of white matter. *JAMA Otolaryngol Head Neck Surg*. 2020. 146(11): 1043-1044. PMID: 32880605. [Editorial]
16. Stern SS<sup>§</sup>, **Golub JS**, Lustig LR. The risks of being an otologist: an ergonomic and occupational hazard review. *Otol Neurotol*. 2020. 41(9): 1182-1189. PMID: 32925834. [Review] [Role: project conception, development, figure creation, editing]
17. Hayat MJ, Chandrasekhar R, Dietrich MS, Gifford RH, **Golub JS**, Holder JT, Labadie RF. Moving otology beyond p<0.05. *Otol Neurotol*. 2020. 41(5): 578-579. PMID: 32271265. [Editorial] [Role: writing, editing, implementing guidelines]
18. Chern A<sup>§</sup>, **Golub JS\***. Age-related hearing loss and dementia. *Alzheimer Dis Assoc Disord*. 2019. 33(3): 285-290. PMID: 31335455. [Review]
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24. **Golub JS\***. Building an endoscopic ear surgery program. *Curr Opin Otolaryngol Head Neck Surg*. 2016. 24(5): 395-401. PMID: 27322987. [Review]

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## 15d. Chapters

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2. Chern A<sup>§</sup>, Sturm JJ, Troob SH, Ahsan SF, **Golub JS**, McRackan TR, Carlson ML. Otology and Neurotology (Chapter 7). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 6<sup>th</sup> ed*. San Diego, CA: Plural Publishing. 2022, pp 333-436.
3. **Golub JS\***. Occupational Hearing Loss (Chapter 60). In: Lalwani AK, ed. *Current Diagnosis & Treatment: Otolaryngology—Head and Neck Surgery, 4<sup>th</sup> ed*. New York, NY: McGraw-Hill. 2022.
4. Kim M, Husain Q, **Golub JS**, Marks SC, Pasha R. Rhinology and paranasal sinuses (Chapter 1). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 5<sup>th</sup> ed*. San Diego, CA: Plural Publishing. 2018, pp 1-72.
5. Trujilo O, **Golub JS**, Pasah R. Salivary glands (Chapter 2). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 5<sup>th</sup> ed*. San Diego, CA: Plural Publishing. 2018, pp 73-92.
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8. Pasha R, Keesecker SE<sup>§</sup>, **Golub JS\***. Sleep medicine (Chapter 5). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 5<sup>th</sup> ed*. San Diego, CA: Plural Publishing. 2018, pp 153-186.
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11. McRackan TR, Hatch JL, Carlson ML, Ahsan SF, Bojrab DI, Pasha R, **Golub JS\***. Otology and neurotology (Chapter 8). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 5th ed.* San Diego, CA: Plural Publishing. 2018, pp 339-440.
12. Joshi RR, Husain Q, Park RCW, Zoumalan R, Goodman JF, Tanna N, Arden RL, **Golub JS**, Pasha R. Reconstructive and Facial Plastic Surgery (Chapter 9). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 5th ed.* San Diego, CA: Plural Publishing. 2018, pp 441-528.
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16. **Golub JS**, Samy RN. On the horizon (Chapter 58). In: McRackan T, Brackmann D, eds. *Otology, Neurotology, and Skull Base Surgery: Clinical Reference Guide.* San Diego, CA: Plural Publishing. 2015, pp 553-561.
17. **Golub JS**, Rubinstein JT. Applying cochlear implant technology to tinnitus and vestibular interventions (Chapter 21). In: Roland TJ, Waltzman SB, eds. *Cochlear Implants, 3rd ed.* New York, NY: Thieme. 2014, pp 221-234.
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  24. Zoumalan R, Goodman J, Tanna N, Arden RL, **Golub JS**, Pasha R. Reconstructive and plastic surgery (Chapter 9). In: Pasha R, Golub JS, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 4th ed.* San Diego, CA: Plural Publishing. 2014, pp 435-518.
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  28. **Golub JS**, Phillips JO, Rubinstein JT. Vestibular implants (Chapter 5). In: Zeng FG, Fay RR, Popper AN, eds. *Auditory Prostheses: New Horizons.* Series: Springer Handbook of Auditory Research. New York, NY: Springer. 2011, pp 109-134.
  29. **Golub JS**, Johns MM 3rd. pH monitoring (Chapter 6). In: Johnston N, Toohill RJ, eds. *Effects, Diagnosis, and Management of Extra-Esophageal Reflux: A Multi-Disciplinary Approach from World-Renowned Experts in the Field.* Hauppauge, NY: Nova Science. 2010, pp 51-64.
  30. **Golub JS**, Marks SC, Pasha R. Rhinology and paranasal sinuses (Chapter 1). In: Pasha R, ed. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 3rd ed.* San Diego, CA: Plural Publishing. 2010, pp 1-74.
  31. Takashima M, **Golub JS**, Pasha R. Sleep medicine and sleep apnea (Chapter 5). In: Pasha R, ed. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 3rd ed.* San Diego, CA: Plural Publishing. 2010, pp 159-186.
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## 15e. Books/Textbooks for Medical or Scientific Community

1. Pasha R, **Golub JS**, Chern A<sup>§</sup> eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 7th ed.* San Diego, CA: Plural Publishing. 2026. [In production]
2. Pasha R, **Golub JS**, eds. Chern A<sup>§</sup>, asst ed. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 6th ed.* San Diego, CA: Plural Publishing. 2022. [Bestseller including reaching #1 in Otolaryngology category on Amazon.com]
3. Pasha R, **Golub JS**, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 5th ed.* San Diego, CA: Plural Publishing. 2018. [Bestseller including reaching #1 in Otolaryngology category on Amazon.com]
4. Pasha R, **Golub JS**, eds. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 4th ed.* San Diego, CA: Plural Publishing. 2014. [Bestseller]
5. **Golub JS**, Schmitt NC, eds. *Otolaryngology Surgical Instrument Guide.* San Diego, CA: Plural Publishing. 2012.
6. Pasha R, ed. **Golub JS**, contributing ed. *Otolaryngology—Head and Neck Surgery: Clinical Reference Guide, 3rd ed.* San Diego, CA: Plural Publishing. 2010. [Bestseller]

## 15f. Journal Issues Edited

1. Fina M, **Golub JS**, Lee DJ, eds. Endoscopic ear surgery. *Otolaryngol Clin North Am.* 2021. 54(1).

## 15g. Meetings/Invited Oral and Poster Presentations

*Note: For Peer-Selected/Invited Abstracts (Oral and Poster) and Peer-Selected/Invited Non-Abstract Presentations, see Section 16*

## 15h. Case Reports

1. Caruana FF<sup>§</sup>, **Golub JS**, Lustig LR. Diverticulum at the transverse and sigmoid sinus junction causing pulsatile tinnitus. *Otol Neurotol*. 2023. 44(3): e194-e196. PMID: 36603814.
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4. Costello MS, **Golub JS**, Barrord JV, Pater L, Pensak ML, Samy RN. Cochlear implantation after radiation therapy for acoustic neuroma: case report. 2016. *J Radiosurg SBRT*. 4(1): 69-74. PMID: 29296428
5. Altman AL, **Golub JS**, Pensak ML, Samy RN. Bilateral facial paralysis following ipilimumab infusion for melanoma. *Otolaryngol Head Neck Surg*. 2015. 153(5): 894-895. PMID: 26408564.
6. Tawfik KO, **Golub JS**, Roland JT, Samy RN. Recurrent cochlear implant infection treated with exteriorization and partial mastoid obliteration. *Cochlear Implants Int*. 2016. 17(1): 58-61. PMID: 25955509.
7. Thomas AJ, Mong S, **Golub JS**, Meyer TK. *Klebsiella pneumoniae* descending cervical necrotizing fasciitis originating as an abscess. *Am J Otolaryngol*. 2012. 33(6): 764-766. PMID: 22809880.
8. Zecgaruas C, Linnau KF, **Golub JS**, Meyer TK, Hecht AS, Mannelli L. Crack cocaine-induced supraglottitis. *Emerg Radiol*. 2011. 18(5): 445-447. PMID: 21614478.
9. Portone C, **Golub JS**, Johns MM 3rd. Partial esophageal obstruction from anterior cervical spine hardware. *Ear Nose Throat J*. 2009. 88(9): 1112. PMID: 19750474.
10. **Golub JS**, Parikh SL, Budnick SD, Bernardino CR, DelGaudio JM. Inverted papilloma of the nasolacrimal system invading the orbit. *Ophthal Plast Reconstr Surg*. 2007. 23(2): 151-153. PMID: 17413635.
11. **Golub JS**, Hapner E, Johns MM 3rd. Vocal fold hemorrhage observed during laryngoscopy. *Ear Nose Throat J*. 2006. 85(3): 148. PMID: 16615590.
12. **Golub JS**, Johns MM 3rd. Esophageal candidiasis. *Ear Nose Throat J*. 2005. 84(12): 765. PMID: 16408552.

## 15i. Letters to the Editor

1. Suen JJ, Briggs S, Chern A, Eibling D, **Golub J**, Johns M, Kost K, McKinnon B, Parnes S, Sataloff R, Shipp GC, Tulunay-Ugur O, Parham K. Physician oversight of audiological services for older patients: a barrier to hearing healthcare access? *Ear Nose Throat J*. 2024. 103(5):

NP265-NP266. PMID: 34644516.

2. Olson ES, **Golub JS\***. Response to Groopman J “Lend me your ear.” *The New York Review of Books*. February 8, 2018. Available <http://www.nybooks.com/articles/2018/02/08/lend-me-your-ear/>
3. **Golub JS**, Moe KS. Response to Jackler et al. “Otolaryngology: ‘It’s all Greek to Me.’” *Otolaryngol Head Neck Surg*. 2014. 150(5): 906. PMID: 24789657.

## 15j. Op-Eds and Other Media

1. **Golub JS\***. Over-the-counter hearing aids are an overdue solution. *National Review*. July 27, 2017. Available <https://www.nationalreview.com/2017/07/otc-hearing-aids-helpful-necessary/> [Op Ed]
2. **Golub JS\***. Endoscopic tympanoplasty. [Video] 2016. CSurgeries. [www.csurgeries.com](http://www.csurgeries.com)
3. Poon CP, **Golub JS**, Samy RN, et al. Otolaryngology/neurotology surgical videos. [www.youtube.com/cisurgeon](http://www.youtube.com/cisurgeon). [Online Media]
4. Samy RN, **Golub JS**, Marple B, Shoman NM. External ear benign tumors. Medscape Reference. [emedicine.medscape.com](http://emedicine.medscape.com). Updated January 2014. [Online Media] Current version available <https://emedicine.medscape.com/article/845901>
5. Samy RN, Houston L, Honaker J, Battista RA, **Golub JS\***. Hearing loss rehabilitation for acoustic neuroma patients. *Acoustic Neuroma Association*. Revised Aug 2014. [Misc Media]
6. **Golub JS\***. Washington Park Arboretum. *Arch Otolaryngol Head Neck Surg*. 2005. 131(10): 845. Front cover. DOI: 10.1001/archotol.131.10.845 [Cover photograph.]
7. **Golub JS\***. Self portrait of an anonymous medical student. *Current*. Dec 2003: 5(3): Front cover. [Cover photograph.]

## 15k. Thesis

## 15l. Other Non-Peer Reviewed Publications in Print or Other Media

*Note:*

*For Peer-Selected/Invited Abstracts (Oral and Poster) and Peer-Selected/Invited Non-Abstract Presentations, see Section 16*

*For Op-Eds and Other Media, see Section 15j*

1. Ossoff RH, **Golub JS**, Johns MM 3rd, Bradley PJ. Burnout in academic otolaryngology—head and neck surgery. *ENT News*. 2006. 15(4): 84-86. [Invited, non-peer reviewed research article]

## 15m. Non-author Publications

1. Blustein J, Weinstein BE, Chodosh J. Messaging clearly and effectively about hearing loss and increased dementia risk. *JAMA Otolaryngol Head Neck Surg.* 2023. 149(10): 862-863. PMID: 37615946. [Acknowledged]
2. McRackan TR, Hand BN, Cochlear Implant Quality of Life Consortium, Velozo CA, Dubno JR. Development and implementation of the cochlear implant quality of life (CIQOL) functional staging system. *Laryngoscope.* 2022. 132 Suppl 12: S1-S13. PMID: 36082873. [Acknowledged]
3. McRackan TR, Hand BN, Velozo CA, Dubno JR, Cochlear Implant Quality of Life Consortium. Validity and reliability of the cochlear implant quality of life (CIQOL)-35 profile and CIQOL-10 Global instruments in comparison to legacy instruments. *Ear Hear.* 2021. 42(4): 896-908. PMID: 33735907. [Acknowledged]
4. Lalwani AK. Cochlear implant today...pill tomorrow. *JAMA Otolaryngol Head Neck Surg.* 2020. 146(10): 954-955. PMID: 32852524. [Acknowledged]
5. McRackan TR, Hand BN, Velozo CA, Dubno JR. Association of demographic and hearing-related factors with cochlear implant-related quality of life. *JAMA Otolaryngol Head Neck Surg.* 2019. 145(5): 422-430. PMID: 30896742. [Acknowledged]
6. Molina PE, Ahmed N, Gatley J, Volkow ND, Abumrad NN. L-tryptophan attenuation of the dopaminergic and behavioral responses to cocaine. *Life Sci.* 2001. 69(16): 1897-1906. 11693270. [Acknowledged]

\* indicates senior authorship

§ indicates research mentee under my mentorship

## 16. Invited and/or Peer-Selected Presentations

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### *List of Subsections*

- 16a. *Peer-Selected Abstract Presentations (Oral and Poster)*
- 16b. *Invited Abstract Presentations (Oral and Poster)*
- 16c. *Peer-Selected Non-Abstract Presentations*
- 16d. *Invited Non-Abstract Presentations<sup>†</sup>*

<sup>†</sup>Note: For invited educational presentations to students and residents, see Section 12a

\* indicates senior authorship

§ indicates research mentee under my mentorship

### 16a. Peer-Selected Abstract Presentations (Oral and Poster)

#### Local Level

1. Tucker LH<sup>§</sup>, Grewal MR<sup>§</sup>, Denham MW<sup>§</sup>, Brewster KK, **Golub JS\***. The association between hearing loss and depression in a large electronic health record system. Encore poster presentation at the Columbia University Irving Medical Center Healthy Aging Initiative Healthspan Extension Summit. April 2024. New York, NY.
2. Morse E, Tucker LH, Barilka M, **Golub JS**, Born H. Dysphagia, mental health, social isolation, and cognition in older adults. Encore poster presentation at the Columbia University Irving Medical Center Healthy Aging Initiative Healthspan Extension Summit. April 2024. New York, NY.

### Regional Level

1. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, Sharma RK<sup>§</sup>, Zhang Y, Chen Q, **Golub JS\***. The longitudinal association of subclinical hearing loss with cognition. Encore oral presentation at the Metropolitan Resident Research Day Symposium. May 2022. New Hyde Park, NY.

### National Level

*Note: COSM = Combined Otolaryngology Spring Meetings*

1. Weinstein HNW<sup>§</sup>, Tucker LH<sup>§</sup>, Denham MW<sup>§</sup>, Gurgel RK, **Golub JS\***. Conductive hearing loss is associated with dementia in the All of Us research program. Oral presentation at the American Neurotology Society at COSM. May 2025. New Orleans, LA. [*Michael E. Glasscock Scientific Merit Award, Scored #1 of 107 Abstracts.*] [Accepted]
2. Weinstein HNW<sup>§</sup>, Tucker LH<sup>§</sup>, Denham MW<sup>§</sup>, **Golub JS\***. Conductive hearing loss is associated with depression and dysthymia in the All of Us research program. Poster presentation at the Triological Society at COSM. May 2025. New Orleans, LA. [Accepted]
3. Tucker LH<sup>§</sup>, Weinstein HNW<sup>§</sup>, Denham MW<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. The interaction of multigenerational home environments on hearing loss, cognition, and depression. Encore poster presentation at the National Otolaryngology Interest Group Scholars in Otolaryngology Virtual Conference. April 2025. Virtual. [Accepted]
4. Weinstein HNW<sup>§</sup>, Tucker LH<sup>§</sup>, Denham MW<sup>§</sup>, **Golub JS\***. Hearing loss is associated with depression and dysthymia in the All of Us research program. Encore poster presentation at the National Otolaryngology Interest Group Scholars in Otolaryngology Virtual Conference. April 2025. Virtual. [Accepted]
5. Tucker LH<sup>§</sup>, Weinstein HNW<sup>§</sup>, Fernandez KY, Galatioto JA, **Golub JS\***. Changes in auditory visits following FDA over-the-counter hearing aid ruling. Poster presentation at the American Auditory Society Annual Scientific and Technology Conference. Feb 2025. Scottsdale, AZ.
6. Tucker LH<sup>§</sup>, Weinstein HNW<sup>§</sup>, Denham MW<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. The interaction of multigenerational home environments on hearing loss, cognition, and depression. Oral presentation at the Triological Society Combined Sections Meeting, Orlando, FL. Jan 2025.
7. Weinstein HNW<sup>§</sup>, Tucker LH<sup>§</sup>, Denham MW<sup>§</sup>, **Golub JS\***. Hearing loss is associated with

- depression and dysthymia in the All of Us research program. Oral presentation at the Triological Society Combined Sections Meeting. Jan 2025. Orlando, FL.
8. Tucker LH<sup>§</sup>, Morse E, Barilka M, **Golub JS**, Born H. Dysphagia is associated with depression and dementia in older adults. Poster presentation at The Fall Voice Conference. Oct 2024. Phoenix, AZ.
  9. Morse E, Tucker LH<sup>§</sup>, Barilka M, **Golub JS**, Born H. Dysphagia, mental health, social isolation, and cognition in older adults. Encore poster presentation at The Fall Voice Conference. Oct 2024. Phoenix, AZ.
  10. Tucker LH<sup>§</sup>, **Golub JS\***. Ear endoscope with integrated suction (3NT Colibri). Oral presentation at the American Endoscopic Ear Surgery Study Group Annual Meeting. Sep 2024. Miami, FL.
  11. Tucker LH<sup>§</sup>, Grewal MR<sup>§</sup>, Saperstein A, Stroup TS, Medalia AA, **Golub JS\***. Hearing loss is associated with schizophrenia and serious mental illness in a large health record. Oral presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Sep 2024. Miami, FL.
  12. Morse E, Tucker LH<sup>§</sup>, Barilka M, **Golub JS**, Born H. The association of dysphagia with social isolation and cognition in older adults. Oral presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Sep 2024. Miami, FL.
  13. Denham MW<sup>§</sup>, Tucker LH<sup>§</sup>, **Golub JS\***. Dancing on their own: hearing loss and social support. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Sep 2024. Miami, FL.
  14. Tucker LH<sup>§</sup>, Grewal MR<sup>§</sup>, Denham MW<sup>§</sup>, Brewster KK, **Golub JS\***. The association between hearing loss and depression in a large electronic health record system. Poster presentation at the American Neurotology Society at COSM. May 15-19, 2024. Chicago, IL.
  15. Morse E, Tucker L<sup>§</sup>, Barilka MR, **Golub JS**, Born H. Dysphagia, cognition, social isolation, and mental health in elderly adults. Oral presentation at the American Broncho-Esophagological Society at COSM. May 15-19, 2024. Chicago, IL.
  16. Tucker LH<sup>§</sup>, Alter IL<sup>§</sup>, Dragon JM<sup>§</sup>, Grewal MR<sup>§</sup>, Saperstein A, Stroup TS, Medalia AA, **Golub JS\***. National cohort data suggests an association between serious mental illness and audiometric hearing loss. Encore poster presentation at the National Otolaryngology Interest Group Scholars in Research Virtual Conference. April 2024. Virtual.
  17. Tucker LH<sup>§</sup>, Denham MH<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. You are not alone: hearing loss and socialization across national cohorts. Oral presentation at the World Hearing Day Event. Global OHNS Initiative. March 2, 2024. Virtual.
  18. Karpowicz K, Fuentes M, Neil H, Bochat S, Boyle S, Dorey C, Martinez D, Ocasio-Portaltin N, Tucker L<sup>§</sup>, **Golub J**, Arnold M, Sanchez V. Psychosocial profile of help-seeking adults with hearing loss. Poster presentation at the American Auditory Society Annual Scientific and

- Technology Conference. Feb 15-17, 2024. Scottsdale, AZ. [Includes Pilot-EARHLI data]
19. Tucker LH<sup>§</sup>, Denham MW<sup>§</sup>, Rameau A, Kang YJ, Choi N, **Golub JS\***. Dysphonia and hearing loss are additive risk factors for depression in a national cohort. Oral presentation at the Triological Society Combined Sections Meeting. Jan 2024. West Palm Beach, FL.
  20. Denham MW<sup>§</sup>, Tucker LH<sup>§</sup>, **Golub JS\***. Hearing loss and discrimination: evidence of intersectionality in the All of Us database. Oral presentation at the Triological Society Combined Sections Meeting. Jan 2024. West Palm Beach, FL.
  21. Denham MW<sup>§</sup>, Tucker LH<sup>§</sup>, Gorroochurn P, **Golub JS\***. Hearing loss and reduced income growth: a longitudinal socioeconomic analysis. Oral presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Oct 2023. Nashville, TN.
  22. Denham MW<sup>§</sup>, Arnold ML, Sanchez VA, Lin FR, Luchsinger JA, **Golub JS\***. Design and methods of the Early Age-Related Hearing Loss Investigation (EARHLI) randomized controlled trial. May 2023. Poster presentation at the American Neurotology Society at COSM. May 2023. Boston, MA.
  23. Ishak EM<sup>§</sup>, Denham MW<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. Ageism in hearing loss diagnosis and treatment. Poster presentation at the American Otological Society at COSM. May 2023. Boston, MA.
  24. Grewal MR<sup>§</sup>, Saperstein A, Stroup TS, Medalia AA, **Golub JS\***. Exploring the association between schizophrenia/serious mental illness and hearing loss in a large scale electronic health record. Poster presentation at the Triological Society Combined Sections Meeting. Jan 2023. Coronado, CA.
  25. Grewal MR<sup>§</sup>, Noble JM, **Golub JS\***. Analyzing the relationship between audiometric hearing loss and dementia using a large electronic health record system. Poster presentation at the Triological Society Combined Sections Meeting. Jan 2023. Coronado, CA. [*1<sup>st</sup> Place Poster Award*]
  26. Denham M<sup>§</sup>, **Golub JS\***. Multiple forms of stress may be associated with audiometric hearing loss in a national cohort. Poster presentation at the Triological Society Combined Sections Meeting. Jan 2023. Coronado, CA.
  27. Grewal MR<sup>§</sup>, **Golub JS\***. Hearing loss is associated with multiple negative emotional states. Oral presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Sept 2022. Philadelphia, PA.
  28. Grewal MR<sup>§</sup>, **Golub JS\***. Exploring the association between hearing loss and frequency of sexual intercourse. Poster presentation at the Triological Society at COSM. April 2022. Dallas, TX.
  29. Grewal MR<sup>§</sup>, **Golub JS\***. Hearing loss is associated with smaller social networks in the US Hispanic population. Poster presentation at the American Neurotology Society at COSM. April 2022. Dallas, TX.

30. Dragon JM<sup>§</sup>, Irace AL<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. Hearing aid prevalence and reported hearing difficulty in Americans with subclinical hearing loss. Poster presentation at the American Neurotology Society at COSM. April 2022. Dallas, TX.
31. Dragon JM<sup>§</sup>, Irace AL<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. Prevalence of subclinical hearing loss in the United States. Poster presentation at the American Otological Society at COSM. April 2022. Dallas, TX.
32. Dragon JM<sup>§</sup>, Grewal MR<sup>§</sup>, Saperstein A, Stroup TS, Medalia AA, **Golub JS\***. Serious mental illness may be associated with audiometric hearing loss in a national cohort. Poster presentation at the Triological Society Combined Sections Meeting. Jan 2022. Coronado, CA.
33. Grewal MR<sup>§</sup>, Dragon JM<sup>§</sup>, **Golub JS\***. Age-related disparities in hearing aid use for mild hearing loss in the United States population. Poster presentation at the Triological Society Combined Sections Meeting. Jan 2022. Coronado, CA. [*1<sup>st</sup> Place Poster Award*]
34. Gmelin T, Moored KD, Galvin A, Wojczynski MK, Lin FR, **Golub JS**, Boudreau RM, Glynn NW. Self-reported hearing difficulty and perceived physical and mental fatigability. Oral presentation at the Gerontological Society of America Annual Scientific Meeting. Nov 2021. [Virtual meeting due to COVID-19]
35. Kay-Rivest E, Irace AI, **Golub JS**, Svirsky MA. Prevalence of single-sided deafness in the United States. Poster presentation at the American Cochlear Implant Alliance 15<sup>th</sup> International Conference on Cochlear Implants (CI2021). April 2021. [Virtual meeting due to COVID-19; authors added after abstract submission]
36. Cheung AY, Stepp WH, **Golub JS**, Levi JR, Reyes SA. Otomatch, AAMC and NRMP: How do they match up? Poster presentation at the Triological Society at COSM. April 2021. [Virtual meeting due to COVID-19]
37. Chern A<sup>§</sup>, Sharma RK<sup>§</sup>, **Golub JS\***. Hearing loss and incident dementia: claims data from the New York SPARCS database. Oral presentation at the American Otological Society at COSM. April 2021. [Virtual meeting due to COVID-19]
38. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, **Golub JS\***. The laterality of age-related hearing loss and depression. Poster presentation at the American Neurotology Society at COSM. April 2021. [Virtual meeting due to COVID-19]
39. Irace AL<sup>§</sup>, Rippon BQ, Brickman AM, Luchsinger JA, **Golub JS\***. The laterality of early age-related hearing loss and brain  $\beta$ -amyloid. Oral presentation at the American Neurotology Society at COSM. April 2021. [Virtual meeting due to COVID-19]
40. Irace AL<sup>§</sup>, Rippon B, Thami M, Luchsinger JA, **Golub JS\***. Brain resting state functional connectivity and age-related hearing loss. Oral presentation at the American Auditory Society Annual Conference. March 2021. [Virtual meeting due to COVID-19] [*Mentee Travel Award*]
41. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, Sharma RK<sup>§</sup>, Zhang Y, Chen Q, **Golub JS\***. The longitudinal association of subclinical hearing loss with cognition. Oral presentation at the American Auditory Society

- Annual Conference. March 2021. [Virtual meeting due to COVID-19]
42. Chern A<sup>§</sup>, Irace AL<sup>§</sup>, **Golub JS\***. The laterality of early age-related hearing loss and cognition. Poster presentation at the American Auditory Society Annual Conference. March 2021. [Virtual meeting due to COVID-19] [*Mentee Travel Award*]
  43. Irace AL<sup>§</sup>, Armstrong NM, Deal JA, Chern A<sup>§</sup>, Ferrucci L, Lin FR, Resnick SM, **Golub JS\***. A longitudinal analysis of the association between subclinical hearing loss and cognition. Poster presentation at the Gerontological Society of America Annual Scientific Meeting. Nov 2020. [Virtual meeting due to COVID-19]
  44. Sharma RK<sup>§</sup>, Lalwani AK, **Golub JS\***. Modeling hearing loss progression and asymmetry in the older old: a national population-based survey. Poster presentation at the Gerontological Society of America Annual Scientific Meeting. Nov 2020. [Virtual meeting due to COVID-19]
  45. Sharma RK<sup>§</sup>, Martinez MN, Turney IC, Brickman AM, Manly JJ, **Golub JS\***. Association of words-in-noise testing and neurocognitive measures. Poster presentation at the American Association of Otolaryngology—Head and Neck Surgery Foundation Annual Meeting. Sept 2020. [Virtual meeting due to COVID-19]
  46. Dodhia S, Sharma R, **Golub JS**, Overdevest J, Gudis D. Demographic predictors of complications in endoscopic sinus surgery in national database. Poster presentation at the American Rhinologic Society. Sept 2020. [Virtual meeting due to COVID-19]
  47. Sharma RK<sup>§</sup>, Lalwani AK, **Golub JS\***. Prevalence and severity of hearing loss in the older old in the United States: a population-based study. Poster presentation at the American Otological Society at COSM. April 2020. [Virtual meeting due to COVID-19]
  48. **Golub JS**, Sharma RK<sup>§</sup>, Rippon BQ, Brickman AM, Luchsinger JA. A new longitudinal cohort to study the mechanistic relationship between hearing loss and dementia. Oral presentation at Triological Society Combined Sections Meeting. Jan 2020. Coronado, CA.
  49. Chern A<sup>§</sup>, Sharma RK<sup>§</sup>, **Golub JS\***. The value of minimizing postoperative pain and numbness when undergoing ear surgery. Poster presentation at Triological Society Combined Sections Meeting. Jan 2020. Coronado, CA
  50. **Golub JS**, Brewster KK, Brickman AM, Ciarleglio AJ, Luchsinger JA, Rutherford BR. Subclinical age-related hearing loss is inversely associated with depressive symptoms. Oral presentation at Gerontological Society of America Annual Scientific Meeting. Nov 2019. Austin, TX.
  51. **Golub JS**, Brickman AM, Ciarleglio AJ, Schupf N, Luchsinger JA. Subclinical age-related hearing loss is associated with cognitive impairment. Oral Presentation at American Neurotology Society at COSM. May 2019. Austin, TX.
  52. Maurrasse SE<sup>§</sup>, Ciarleglio AJ, **Golub JS\***. Educational value of endoscopic versus microscopic ear surgery. Poster Presentation at American Otological Society at COSM. May 2019. Austin, TX.

53. Gibson AW, Moon IJ, **Golub JS**, Rubinstein JT. A retrospective matched comparison of endolymphatic shunt surgery and intratympanic gentamicin for Meniere's disease. Poster presentation at American Neurotology Society at COSM. May 2019. Austin, TX.
54. Brewster KK, Stein A, Pavlicova M, Chen C, Kim A, Brown PJ, **Golub J**, Galatioto J, Kuhlmeier M, Olson E, Roose S, Brickman A, Rutherford BR. Hearing aids and depression: a methods study. Poster presentation at American Association for Geriatric Psychiatry. March 2019. Atlanta, GA.
55. Lin J, Moonis G, **Golub JS**, Lustig L. Middle ear space occupied by ossicular prostheses increases with age. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Scientific Meeting. Oct 2018. Atlanta, GA.
56. Sharma R, Grisel JJ, **Golub JS\***. Creation of a formula to convert between consonant-nucleus-consonant (CNCw) and AzBio test scores using imputation in a national cochlear implant database. Oral presentation at the American Neurotology Society at COSM. April 2018. National Harbor, MD.
57. Sharma RK<sup>§</sup>, Chen SY<sup>§</sup>, Grisel JJ, **Golub JS\***. Assessing cochlear implant performance in older adults using a single, universal outcome measure created via imputation in a national web-based database. Oral presentation at American Otological Society at COSM. April 2018. National Harbor, MD.
58. Sharma RK<sup>§</sup>, Liu Y, Duong J, Grisel JJ, **Golub JS\***. Creation of a single, universal performance measure using multiple imputation in a national web-based cochlear Implant database. Oral presentation at the American Cochlear Implant Alliance Emerging Issues in Cochlear Implantation Symposium (CI2018). March 2018. Washington, DC.
59. Grisel JJ, Schafer E, **Golub JS**, Sharma R. The power and potential of big data. Oral presentation at the American Cochlear Implant Alliance Emerging Issues in Cochlear Implantation Symposium (CI2018). March 2018. Washington, DC.
60. Sharma RK<sup>§</sup>, **Golub JS\***. Surgical wound complications after cochlear implantation due to pyoderma gangrenosum. Oral presentation at the William House Cochlear Implant Study Group at the American Neurotology Society. Sept 2017. Chicago, IL.
61. **Golub JS**, Doyle JB<sup>§</sup>, Raghunathan R, Cai Y<sup>§</sup>, Cellum I, Bowditch S, Li G. Longitudinal analysis of sound exposure and usage in cochlear implant subjects using objective data logs: a multicentered study. Poster presentation at the American Otological Society at COSM. April 2017. San Diego, CA.
62. Doyle JB<sup>§</sup>, Raghunathan R, Cellum I, Li G, **Golub JS\***. Longitudinal tracking and prediction of sound exposure and usage in hearing aid wearers using objective data logs. Poster presentation at the American Otological Society at COSM. April 2017. San Diego, CA.
63. Chen SY<sup>§</sup>, Grisel JJ, Lam A, **Golub JS\***. Assessing cochlear implant outcomes in older adults using HERMES, a national web-based database. Oral presentation at the American Neurotology Society at COSM. April 2017. San Diego, CA.

64. **Golub JS**, Lustig LR, Lalwani AK. Prevalence of adult unilateral hearing loss and hearing aid use in the United States. Poster presentation at the Triological Society Combined Section Meeting. Jan 2017. New Orleans, LA.
65. Feltus W, **Golub J**, Moonis G. Post surgical temporal bone imaging for inflammatory disease: the ‘plastys, ‘otomys, and ‘ectomies. Oral presentation at the American Society of Head and Neck Radiology. Sept 2016. Washington DC.
66. Kosty J, DiNapoli V, Gozal Y, Patel S, **Golub JS**, Goodale A, Andaluz N, Stevens S, Pensak M, Zuccarello M, Samy RN. Middle fossa approach for resection of vestibular schwannomas: surgical results in the radiosurgery era. Oral presentation at the North American Skull Base Society. Feb 2016. Scottsdale, AZ.
67. Poon CB, Samy RN, **Golub JS**, Stevens S, Pensak M. The impact of otology surgery videos on resident training. Oral presentation at the Triological Society Combined Section Meeting. Jan 2016. Miami, FL.
68. **Golub JS**, Hixson NH, Hammer T, Houston L, Meinzen-Derr J, Syms MJ, Samy RN. Assessing factors important to prospective cochlear implant candidates. Poster presentation at the American Cochlear Implant Alliance Emerging Issues in Cochlear Implantation Symposium (CI2018). Oct 2015. Washington, DC.
69. Altman A, **Golub JS**, Samy RN. Bilateral facial paralysis after ipilimumab infusion for melanoma. Oral presentation at the Facial Nerve Study Group at the American Neurotology Society Fall Meeting. Sept 2015. Dallas, TX.
70. **Golub JS**, Hammer T, Samy RN. Bilateral facial nerve stimulation after cochlear implantation occurring with device on and off. Oral presentation at the William House Cochlear Implant Study Group at the American Neurotology Society. Sept 2015. Dallas, TX.
71. Hixson NH, **Golub JS**, Hammer T, Houston L, Syms M, Samy RN. Cochlear implant initial activation: modernizing the audiologic protocol. Poster presentation at the American Academy of Audiology Annual Meeting. March 2015. San Antonio, TX. [*Poster Award*]
72. **Golub JS**, Pottschmidt N<sup>§</sup>, Weber JD<sup>§</sup>, Zuccarello M, Pensak ML, Andaluz N, Samy RN. Optimization of the ultrasonic bone aspirator in retrosigmoid vestibular schwannoma removal. Poster presentation at the North American Skull Base Society Annual Meeting. Feb 2015. Tampa, FL.
73. Goodale AD, **Golub JS**, Cornelius RS, Samy RN. Cochlear neuritis from varicella reactivation mimicking vestibular schwannoma. Poster presentation at the Triological Society Combined Sections Meeting. Jan 2015. San Diego, CA.
74. Kuhn JJ, Samy RN, **Golub JS**, Choo DI. Efficacy of bilateral cochlear implants in children: gaps in the evidence. Oral presentation at the American Cochlear Implant Alliance 14<sup>th</sup> Symposium on Cochlear Implants in Children (CI2014). Dec 2014. Nashville, TN.
75. Samy RN, **Golub JS**, Kuhn JJ. Use of the flexible CO<sub>2</sub> laser in hearing preservation cochlear

- implant surgery: a review of the University of Cincinnati experience. Oral presentation at the American Cochlear Implant Alliance 14<sup>th</sup> Symposium on Cochlear Implants in Children (CI2014). Dec 2014. Nashville, TN.
76. **Golub JS**, Roland JT, Samy RN. Six years of recalcitrant post cochlear implant infection treated with mastoid exteriorization and electrode coverage with bone pâté. Oral presentation at the William House Cochlear Implant Study Group at the American Neurotology Society. Sept 2014. Orlando, FL.
  77. Buchanan PC, **Golub JS**, Samy RN. Canal wall reconstruction tympanomastoidectomy with mastoid obliteration: outcomes in smokers. Oral presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Sept 2014. Orlando, FL.
  78. **Golub JS**, Weber JD<sup>§</sup>, Samy RN, Zuccarello M, Pensak ML. Near elimination of bone dust dispersion with an ultrasonic bone aspirator: implications for the retrosigmoid approach. Poster presentation at the American Neurotology Society at COSM. May 2014. Las Vegas, NV.
  79. Moon IJ, **Golub JS**, Rubinstein JT. Endolymphatic shunt surgery in the era of intratympanic gentamicin. Oral presentation at the American Otological Society at COSM. May 2014. Las Vegas, NV.
  80. Buchanan PC, **Golub JS**, Samy RN. Canal wall reconstruction tympanomastoidectomy with mastoid obliteration for the treatment of cholesteatoma in children. Poster presentation at the American Otological Society at COSM. May 2014. Las Vegas, NV.
  81. **Golub JS**, Samy RN, Abruzzo, Zucarello M, Pensak ML. Use of Onyx embolization in lateral skull base surgery. Poster presentation at the North American Skull Base Society Annual Meeting. Feb 2014. San Diego, CA.
  82. **Golub JS**, Samy RN, Houston L, Dimitrijevic A. Enhancing cochlear implant convenience with early activation and no shaving. Poster presentation at the Triological Combined Sections Meeting. Jan 2014. Miami, FL.
  83. **Golub JS**, Ling L, Bierer SM, Nie K, Phillips JO, Rubinstein JT. Implantation of the vestibular system: monkey and man. Oral presentation at the American Otological Society at COSM. April 2012. San Diego, CA.
  84. **Golub JS**, Nguyen TB, Palmiter RD, Hume CR, Tong L, Rubel EW, Stone JS. Death and regeneration of vestibular hair cells in the *Pou4f3*-diphtheria toxin receptor mouse model. Poster presentation at the Association for Research in Otolaryngology. Feb 2012. San Diego, CA.
  85. Rubinstein JT, Phillips JO, Nie K, Ling L, Bierer SM, **Golub J\***. Feasibility studies of the UW/Nucleus vestibular implant for Meniere's disease: first human data. Oral presentation at the Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum. Sept 2011. Bruges, Belgium.
  86. **Golub JS**, Won JH, Drennan WR, Worman TD, Rubinstein JT. Spectral and temporal measures in Hybrid cochlear implant users: on the mechanism of electroacoustic hearing

- benefits. Oral presentation at the American Otological Society at COSM. May 2011. Chicago, IL.
87. **Golub JS**, Mong S, Weissbrod PA, Varghese TK, Meyer TK. *Klebsiella pneumoniae* descending cervical necrotizing fasciitis originating as a paraglottic abscess. Poster presentation at the American Laryngological Association at COSM. May 2011. Chicago, IL.
  88. **Golub JS**, Nguyen TB, Tong L, Palmiter RD, Rubel EW, Stone JS. Mammalian hair cell regeneration after selective genetic ablation of hair cells with diphtheria toxin. Poster presentation at the Association for Research in Otolaryngology. Feb 2011. Baltimore, MD.
  89. **Golub JS**, Lin V, Nguyen TB, Hume CR, Oesterle EC, Stone JS. Inhibition of  $\gamma$ -secretase activity promotes non-mitotic regeneration of hair cells in the adult mouse utricle. Oral presentation at the Association for Research in Otolaryngology. Feb 2011. Baltimore, MD.
  90. Contag SP, **Golub JS**, Teknos TN, Nussenbaum B, Arnold JE, Stack B, Johns MM 3<sup>rd</sup>. Professional burnout among microvascular and reconstructive free-flap head and neck surgeons in the USA. Poster presentation at the American Head & Neck Society at COSM. April 2010. Las Vegas, NV.
  91. **Golub JS**, Johns MM 3<sup>rd</sup>, Weiss PS, Ramesh AK, Ossoff RH. Burnout in academic faculty of otolaryngology—head and neck surgery. Oral presentation at the Triological Society at COSM. May 2008. Orlando, FL.
  92. **Golub JS**, Johns MM 3<sup>rd</sup>, DelGaudio JM, Klein AM. Comparison of an oropharyngeal pH probe and a standard dual pH probe for diagnosis of laryngopharyngeal reflux. Oral presentation at the American Broncho-Esophagological Association at COSM. May 2008. Orlando, FL.
  93. **Golub JS**, Johns MM 3<sup>rd</sup>, DelGaudio JM, Klein AM. Preliminary comparison of an oropharyngeal aerosolized pH probe and a standard dual pH probe for diagnosis of laryngopharyngeal reflux. Encore poster presentation at the Voice Foundation Annual Symposium. Jun 2007. Philadelphia, PA. [**Best Poster Award, honorable mention.**]
  94. Chen PH, **Golub JS**, Hapner E, Johns MM 3<sup>rd</sup>. Prevalence of perceived dysphagia and quality of life impairment in a geriatric population. Poster presentation at the American Geriatrics Society Annual Scientific Meeting. May 2007. Seattle, WA.
  95. **Golub JS**, Johns MM 3<sup>rd</sup>, DelGaudio JM, Klein AM. Preliminary comparison of an oropharyngeal aerosolized pH probe and a standard dual pH probe for diagnosis of laryngopharyngeal reflux. Poster presentation at the American Broncho-Esophagological Association at COSM. April 2007. San Diego, CA.
  96. Henriquez OA, Smith JQ, Abdelkafy WM, **Golub JS**, Kim YT, Rojas M, Brigham KL, Bellamkonda RV, Johns MM. Slow-release nanoparticle encapsulated delivery system for laryngeal injection. Oral presentation at the American Laryngological Association at COSM. April 2007. San Diego, CA.

97. Abdelkafy WM, Smith JQ, Henriquez OA, **Golub JS**, Xu J, Rojas M, Brigham KL, Johns MM. Age-related changes in the murine vocal fold. Oral presentation at the American Broncho-Esophagological Association at COSM. April 2007. San Diego, CA.
98. **Golub JS**, Chen PH, Hapner E, Johns MM 3rd. Prevalence of perceived dysphonia in a geriatric population. Poster presentation at the American Geriatrics Society Annual Scientific Meeting. May 2006. Chicago, IL.
99. Johns MM 3rd, Abdelkafy W, **Golub JS**, Xu J, Rojas M, Brigham K. Use of bone marrow-derived mesenchymal stem cells in the aging larynx. Poster presentation at the American Geriatrics Society Annual Scientific Meeting. May 2006. Chicago, IL.

### International Level

1. Grewal MR<sup>§</sup>, Denham MW<sup>§</sup>, **Golub JS\***. Hearing loss is associated with greater measures of despair. Oral presentation at the International Federation of Otorhinolaryngological Societies (IFOS) 2023 World Meeting. Jan 2023. Dubai, UAE.
2. Denham MW<sup>§</sup>, **Golub JS\***. Hearing loss is associated with increased substance use in a multicentered American cohort. Oral presentation at the International Federation of Otorhinolaryngological Societies (IFOS) 2023 World Meeting. Jan 2023. Dubai, UAE.
3. Denham MW<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. A systematic review of ergonomic considerations in endoscopic ear surgery. Oral presentation at the 4<sup>th</sup> World Congress on Endoscopic Ear Surgery. Dec 2022. Kyoto, Japan.
4. Chiang H<sup>§</sup>, Yu M<sup>§</sup>, Chun MB<sup>§</sup>, Kaczmarczy KK<sup>§</sup>, **Golub JS\***. Postoperative discomfort after transcanal endoscopic ear surgery assessed longitudinally by daily text message survey. Presentation at the 3<sup>rd</sup> World Congress on Endoscopic Ear Surgery. June 2019. Boston, MA.

### 16b. Invited Abstract Presentations (Oral and Poster)

#### Local Level

1. Tucker LH<sup>§</sup>, Weinstein HNW<sup>§</sup>, Fernandez KY Galatioto JA, **Golub JS\***. Changes in auditory visits following FDA over-the-counter hearing aid ruling. Encore poster presentation at the Vagelos College of Physicians and Surgeons Student Research Day. April 2025. New York, NY.
2. Tucker LH<sup>§</sup>, Grewal MR<sup>§</sup>, Denham MW<sup>§</sup>, Brewster KK, **Golub JS\***. The association between hearing loss and depression in a large electronic health record system. Encore poster presentation at the Vagelos College of Physicians and Surgeons Student Research Day. March 2024. New York, NY.
3. Denham MW<sup>§</sup>, **Golub JS\***. Stress is associated with audiometric hearing loss in a national Hispanic cohort. Encore poster presentation at the Vagelos College of Physicians and Surgeons Student Research Day. March 2023. New York, NY.

4. Ishak EM<sup>§</sup>, Denham MW<sup>§</sup>, Grewal MR<sup>§</sup>, **Golub JS\***. Ageism in hearing loss diagnosis and treatment of hearing loss. Encore poster presentation at the Vagelos College of Physicians and Surgeons Student Research Day. March 2023. New York, NY. [**3<sup>rd</sup> Place Best Poster Award**]
5. Dragon JM<sup>§</sup>, Grewal MR<sup>§</sup>, Saperstein A, Stroup TS, Medalia AA, **Golub JS\***. Serious mental illness may be associated with audiometric hearing loss in a national cohort. Encore poster presentation at the Vagelos College of Physicians and Surgeons Student Research Day. March 2022. New York, NY.
6. Irace AL<sup>§</sup>, Rippon BQ, Brickman AM, Luchsinger JA, **Golub JS\***. The laterality of early age-related hearing loss and brain  $\beta$ -amyloid. Encore poster presentation at the Vagelos College of Physicians and Surgeons Student Research Day. March 2021. New York, NY.
7. Irace AL<sup>§</sup>, Armstrong NM, Deal JA, Chern A<sup>§</sup>, Ferrucci L, Lin FR, Resnick SM, **Golub JS\***. A longitudinal analysis of the association between subclinical hearing loss and cognition. Encore poster presentation at the Columbia University Department of Surgery Research Symposium. Oct 2020. New York, NY.
8. Irace AL<sup>§</sup>, Shin P<sup>§</sup>, Rippon BQ, Brickman AM, Luchsinger JA, **Golub JS\***. The laterality of early age-related hearing loss and brain beta-amyloid. Encore poster presentation at the Columbia University Department of Surgery Research Symposium. Oct 2020. New York, NY.
9. Brewster K, Brown PJ, Roose S, Broft A, Kim AH, **Golub J**, Rutherford B. Mechanisms linking hearing loss, late-life depression, and cognitive decline. Poster presentation at the Columbia University Department of Psychiatry Annual Science Celebration. Feb 2020. New York, NY.
10. Maurrasse S<sup>§</sup>, Drusin M<sup>§</sup>, Ciarleglio AJ, **Golub JS\***. Educational value of endoscopic ear surgery. Oral presentation at the Columbia University Department of Otolaryngology—Head and Neck Surgery Resident Research Day. June 2019. New York, NY
11. **Golub JS**, Chen PH, Hapner E, Johns MM 3rd. Prevalence of perceived dysphonia in a geriatric population. Poster presentation at the Emory University School of Medicine Student Research Day. Jan 2006. Atlanta, GA.
12. **Golub JS**, Kim YT, Taylor WR, Bellamkonda, RV, Guldberg RE. Vasculogenic growth factor encapsulated PLGA nanoparticles for tissue engineering. Poster presentation at the Emory University School of Medicine Student Research Day. Jan 2006. Atlanta, GA.
13. **Golub JS**, Ramesh AK, Ossoff R, Johns MM 3rd. Burnout in residents of otolaryngology—head and neck surgery. Poster presentation at the Emory University School of Medicine Student Research Day. Jan 2006. Atlanta, GA.
14. **Golub JS**, Lee YN, Krauss RS. Screen for cell surface proteins that mediate myogenic differentiation. Poster presentation at the Mount Sinai School of Medicine Sigma Xi Scholar Research Symposium. Aug 2000. New York, NY.

## 16c. Peer-Selected Non-Abstract Presentations

**National Level**

1. **American Academy of Otolaryngology—Head and Neck Surgery** Miami, FL, 10/1/24  
*Panel: Endoscopic Ear Surgery in Clinical Practice*  
Panelist
2. **American Academy of Otolaryngology—Head and Neck Surgery**, Miami, FL, 10/1/24  
*Panel: Surgeon-Scientist Career Pathway: Tips and Pearls from the Experts*  
Panelist
3. **American Academy of Otolaryngology—Head and Neck Surgery**, Miami, FL, 9/29/24  
*Panel: Hearing & Cognition: What Can We Do About it?*  
Speaker: Hearing loss & cognition: when does the relationship start?
4. **American Academy of Otolaryngology—Head and Neck Surgery**, Nashville, TN, 10/3/23  
*Panel: Endoscopic Ear Surgery in Clinical Practice*  
Panelist
5. **American Academy of Otolaryngology—Head and Neck Surgery**, Nashville, TN, 10/1/23  
*Panel: Hearing & Cognition: What Can We Do About it?*  
Speaker: Hearing loss & cognition: when does the relationship start?
6. **Gerontological Society of America**, Indianapolis, IN, 11/4/22  
*Symposium: 2021 Editor's Choice Articles From JGMS: Novel Interventions and Targets for the Prevention of Dementia and Frailty*  
Speaker: Age-related hearing loss, late-life depression, and risk for incident dementia in older adults
7. **American Society for Radiation Oncology (ASTRO)**, San Antonio, TX, 10/25/22  
*Panel: Management of Radiation-Induced CNS Toxicities*  
Speaker: Management of radiation-induced hearing loss
8. **American Academy of Otolaryngology—Head and Neck Surgery**, Philadelphia, PA, 9/12/22  
*Panel: Hearing & Cognition: What's the Connection? What Can We Do About it?*  
Speaker: Hearing loss & cognition: when does the relationship start?
9. **American Academy of Otolaryngology—Head and Neck Surgery**, Philadelphia, PA, 9/13/22  
*Panel: Endoscopic Ear Surgery: Tips & Pearls*  
Moderator
10. **Gerontological Society of America**, Virtual, 11/12/2021  
*Symposium: 2020 Editor's Choice Articles from JGMS: Focus on Vulnerable Populations*  
Speaker: Audiometric age-related hearing loss and cognition in the Hispanic Community Health Study

11. **American Academy of Otolaryngology—Head and Neck Surgery**, Virtual, 9/2021  
*Panel: Hearing & Cognition: What's the Connection? What Can We Do About it?*  
 Speaker: Hearing loss & cognition: when does the relationship start?
12. **Gerontological Society of America**, Virtual, 11/7/20  
*Symposium: Understanding the Sensory Loss-Cognitive Function Relationship in Older Adults: Biomarker or Causal Risk Factor*  
 Speaker: Hearing loss and cognitive decline: casual evidence
13. **American Academy of Otolaryngology—Head and Neck Surgery**, Virtual, 9/2020  
*Panel: Hearing & Cognition: What's the Connection? What Can We Do About it?*  
 Speaker: Hearing loss & cognition: when does the relationship start?
14. **American Association for Geriatric Psychiatry**, Atlanta, GA, 3/4/19  
*Panel: Age-Related Hearing Loss as a Risk Factor for Late Life Depression and Cognitive Decline*  
 Speaker: Age-related hearing loss and cognitive impairment

## International Level

### 16d. Invited Non-Abstract Presentations

*Note: For invited educational presentations directly to local students and residents, see Section 12a*

#### Local Level: Columbia University and NewYork-Presbyterian

1. *7<sup>th</sup> Columbia Endoscopic Surgery Course*, 6/7/24  
 Section Moderator: Endoscopic ear and eustachian tube surgery  
 Panel Moderator: Endoscopic ear surgery  
 Speaker: Introduction and what is endoscopic ear surgery?  
 Speaker: Getting started with endoscopic ear surgery  
 Speaker: New and future technology
2. *Faculty Development Series for Procedural Specialists [audience: all surgeons]*, 12/7/23  
 Panelist: Research as a proceduralist
3. *Otolaryngology Update (Oto Update)*, 10/12/23  
 Speaker: Status of endoscopic ear surgery  
 Panelist: Otology cases
4. *6<sup>th</sup> Columbia Endoscopic Surgery Course*, 6/2/23  
 Section Moderator: Endoscopic ear and eustachian tube surgery  
 Panel Moderator: Endoscopic ear surgery  
 Speaker: Introduction and what is endoscopic ear surgery?  
 Speaker: New and future technology
5. *Otolaryngology—Head and Neck Surgery Monthly Research Conference*, 6/22/23

- Speaker: Hearing loss may be bad for your mind
6. *Emeritus Professors in Columbia (EPIC)*, Columbia University, 2/15/23  
Speaker: The relationship between hearing and the mind
  7. *Barnard Signs the Way*, Barnard College, 9/23/22  
Panelist: Cochlear implants
  8. *5<sup>th</sup> Columbia Endoscopic Surgery Course*, 5/20/22  
Section Moderator: Endoscopic ear and eustachian tube surgery  
Panel Moderator: Endoscopic ear surgery  
Speaker: Introduction and what is endoscopic ear surgery?  
Speaker: New and future technology
  9. *Going Against the Grain: Surgical Innovation in Otolaryngology—Head and Neck Surgery*, 10/14/21  
Panelist: Developing an endoscopic ear surgery program
  10. *4<sup>th</sup> Columbia Endoscopic Surgery Course*, 6/11/21  
Section Moderator: Endoscopic ear and eustachian tube surgery  
Panel Moderator: Endoscopic ear and eustachian tube surgery  
Speaker: Introduction and what is endoscopic ear surgery?  
Speaker: New and future technology
  11. *2021 Age Boom Academy: Combating Loneliness in Aging*, 5/6/21-5/7/21  
(Sponsored by the Columbia Journalism School and the Columbia Aging Center)  
Speaker: It's big: age-related hearing loss & loneliness  
Panelist: The toll on health and in healthcare settings  
Interviewee with Journalists: Ask me anything (multiple sessions)
  12. *Otolaryngology Update (Oto Update)*, 10/16/20  
Speaker: Endoscopes in ear surgery: does should you take a course?  
Speaker: Scary cases in otology  
Panelist: Otology panel  
Panelist: General otolaryngology panel
  13. *3<sup>rd</sup> Columbia Endoscopic Surgery Course*, 6/3/20  
Section Moderator: Endoscopic ear and eustachian tube surgery  
Panel Moderator: Endoscopic ear and eustachian tube surgery  
Speaker: Introduction and what is endoscopic ear surgery?  
Speaker: Eustachian tube dilation surgical steps
  14. *Experts Summit on ORL & Respiratory Care* (Abbott), 6/27/19-6/28/19  
Speaker: Endoscopic surgery of the middle ear  
Section Moderator: Endoscopic ear and eustachian tube surgery  
Speaker: Otitis media  
Speaker: Vestibular problems in the elderly

15. *2<sup>nd</sup> Columbia Endoscopic Ear, Eustachian Tube, and Sinus Surgery Course*, 5/16/19  
Section Moderator: Endoscopic ear and eustachian tube surgery  
Panel Moderator: Endoscopic ear and eustachian tube surgery  
Speaker: What is endoscopic ear surgery?
16. *Amplifon* (visiting Italian/Spanish otolaryngologist/audiologists), 5/11/19  
Speaker: My approach to the dizzy patient  
Speaker: Endoscopic ear surgery
17. *Otolaryngology Update (Oto Update)*, 10/18/18  
Speaker: Age-related hearing loss and depression, endoscope in ear surgery: does it add value?
18. *1<sup>st</sup> Columbia Endoscopic Ear, Eustachian Tube, and Sinus Surgery Course*, 6/7/18  
Section Moderator: Endoscopic ear and eustachian tube surgery  
Panel Moderator: Endoscopic ear surgery cases  
Speaker: What is endoscopic ear surgery?
19. *Otolaryngology—Head and Neck Surgery Grand Rounds*, 4/26/18.  
Speaker: Brain effects of age-related hearing loss
20. *Emeritus Professors in Columbia (EPIC)*, 4/10/18  
Speaker: Does age-related hearing loss affect the brain?
21. *Medicine Conference*, NYP/Lawrence Hospital, 10/10/17  
Speaker: The electronic ear: implants for hearing, tinnitus, and balance
22. *Otolaryngology—Head and Neck Surgery Grand Rounds*, 1/12/17  
Speaker: the next golden area of otology: electronic implants for hearing, balance, and tinnitus
23. *Otolaryngology Update (Oto Update)*, 10/23/16  
Section Moderator: Skull base surgery  
Panel Moderator: What would you do?  
Speaker: The team: resection, radiation, and rehab
24. *Neurosurgery Grand Rounds*, 8/4/16  
Speaker: Neurosensory prostheses: a new golden age?
25. *Medicine Grand Rounds*, NYP/Allen Hospital, 4/28/16  
Speaker: The electronic ear: implants for hearing, tinnitus, and balance
26. *Grand Rounds*, ColumbiaDoctors Westchester, 10/16/15  
Speaker: The bionic ear: electronic implants for hearing, balance, and tinnitus

**Local Level: University of Cincinnati**

1. *Otolaryngology—Head and Neck Surgery Grand Rounds Panel*, 4/1/15  
Speaker: You would do what?

2. *Otolaryngology—Head and Neck Surgery Grand Rounds*, 10/15/14  
Speaker: The next golden era of otology/neurotology
3. *Emergency Medicine Grand Rounds*, 10/1/14  
Speaker: Otologic emergencies
4. *Chief of Medicine Conference*, 6/2/09  
Speaker: Supraglottitis

### Regional Level

1. **Regeneron**, Tarrytown, NY, 11/12/24  
*Invited Speaker*  
Hearing loss & dementia: what is the connection & what does it mean?
2. **Medical University of South Carolina**, Virtual, 5/15/23  
*Neurotology Eastern Region Virtual Education (NERVE) Series*  
Speaker: Hearing and cognition
3. **Lenox Hill/Manhattan Eye and Ear Hospital**, Virtual, 3/7/23  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: Hearing loss is bad for you: evidence and next steps
4. **Medical University of South Carolina**, Virtual, 5/16/22  
*Neurotology Eastern Region Virtual Education (NERVE) Series*  
Speaker: Endoscopic ear surgery
5. **Northwell Health/Long Island Jewish Medical Center**, Virtual, 12/15/20  
*Vestibular Disorders: Fifth Annual Symposium*  
Speaker: Overview of causes of dizziness after head and neck surgery
6. **Rutgers NJ School of Medicine**, Virtual, 6/7/20  
*NJ/NY Endoscopic Ear Surgery Course*  
Speaker: Getting started in endoscopic ear surgery  
Speaker: Evidence of improved outcomes and teaching  
Panelist: Panel discussion
7. **Northwell Health/North Shore University Hospital**, Manhasset, NY, 11/18/19  
*Vestibular Disorders: Fourth Annual Symposium*  
Panelist: Clinical case presentations  
Panelist: Let's talk!
8. **SUNY Downstate Health Sciences University**, Brooklyn, NY, 9/4/19  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: How does hearing affect depression and dementia?
9. **Northwell Health/Zucker School of Medicine**, New York, NY, 3/30/19  
*Implantable Auditory Devices Update 2019*

Panelist: Adult case presentations

10. **Northwell Health/North Shore University Hospital**, Manhasset, NY, 11/13/17  
*Vestibular Disorders: Second Annual Symposium*  
Speaker: Vestibular Implants
11. **Northwell Health/Long Island Jewish Medical Center**, New Hyde Park, NY, 10/5/17  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: The consequences of age-related hearing loss
12. **Albert Einstein College of Medicine**, Bronx, NY, 3/17/17  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: The consequences of hearing loss
13. **Northwell Health/New York Head and Neck Institute**, New York, NY, 10/1/16  
*Implantable Auditory Devices Update 2016*  
Speaker: Physiology and history of osteointegration  
Panelist: Adult case presentations

#### National Level

1. **University of Cincinnati**, Cincinnati, OH, 5/3/25 [Invited/meeting upcoming]  
*Cincinnati Audiology Conference*  
**Keynote Speaker:** Hearing loss and cognition
2. **Rush University Medical Center**, Chicago, IL, 4/11/25  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: How does hearing loss affect the brain?
3. **Harvard University/Massachusetts Eye & Ear Infirmary**, Boston, MA, 3/28/25  
*Endoscopic Surgery of the Sinuses, Eustachian Tube, and Ear: 3-Day Course*  
Moderator: Cases in endoscopic ear surgery  
Speaker: New technologies for endoscopic ear surgery  
Panelist: Pearls and pitfalls in endoscopic ear surgery
4. **Rutgers New Jersey Medical School**, Newark NJ, 2/26/25 [Virtual]  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: Principles and future of endoscopic ear surgery
5. **Triological Society**, Orlando, FL, 1/24/25  
*2025 Combined Sections Meeting*  
Moderator: Improving outcomes in cholesteatoma and chronic ear surgery with endoscopic ear surgery
6. **Washington University**, St Louis, MO, 11/18/24  
*AuRA (Auditory Research Advances) Conference, Depts of Neuroscience and Otolaryngology*  
Speaker: When should we start treating age-related hearing loss?

7. **Harvard University/Massachusetts Eye & Ear Infirmary**, Boston, MA, 10/5/24 [Virtual]  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: Effects of age-related hearing loss and treatment
8. **Univ. of Miami/American Endoscopic Ear Surgery Study Group**, Miami, FL, 9/26/24  
*Endoscopic Ear Surgery Dissection Course*  
Speaker: Getting started with endoscopic ear surgery  
Speaker: Endoscopic ossiculoplasty  
Panelist: Endoscopic ear surgery challenging cases
9. **American Geriatrics Society**, 5/10/24 [Virtual]  
*Annual Scientific Meeting*  
Speaker: Impact of Hearing Loss on the Older Adult
10. **House Ear Clinic**, Los Angeles, CA, 9/15/23 [Virtual]  
*Grand Rounds*  
Speaker: Does hearing loss affect the brain?
11. **University of Texas Southwestern**, Dallas, TX 8/4/23  
*Distinguished Visiting Professor, Otolaryngology—Head and Neck Surgery*  
Speaker: Statistics and epidemiology for dummies  
Speaker: The brain effects of age-related hearing loss
12. **Lehigh Valley Health Network**, Allentown, PA 6/30/23  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: The relationship between hearing and the mind
13. **University of Washington**, Seattle, WA, 5/1/23 [Virtual]  
*Institute for Medical Data Science Seminar Series*  
Speaker: The brain effects of age-related hearing loss: what the data tells us
14. **Johns Hopkins Bloomberg School of Public Health**, Baltimore, MD 4/28/23  
*Cochlear Center for Hearing and Public Health Annual Research Day*  
Speaker: When do the consequences of age-related hearing loss begin?
15. **Triological Society**, Coronado, CA, 1/25/23  
*2023 Combined Sections Meeting*  
Panelist: Incorporating over-the-counter hearing aids into your practice
16. **American Society of Geriatric Otolaryngology**, Virtual, 12/1/22  
*2022 Seminar Series*  
Moderator: Over-the-counter hearing aids: a panel discussion
17. **BRAINWeek**, Las Vegas, NV, 9/30/22  
*BRAINWeek: Practical Education for Practitioners Treating CNS Disorders*  
Speaker: The relationship between depression and subclinical hearing loss
18. **Hearing Loss Association of America (HLAA)**, Tampa, FL, 6/24/22

*Annual Convention*

Panelist: Cochlear implants and older adults

Panelist: Surgeons' experience: cochlear implants in the tenth decade

19. **Vanderbilt University**, Nashville, TN, 4/1/22 [Virtual]  
*8<sup>th</sup> Annual Endoscopic Middle Ear Surgery Course*  
Speaker: Endoscopic ear anatomy
20. **University of Colorado**, Vail, CO, 2/2/22-2/3/22  
*2021 Midwinter Meeting*  
Speaker: Brain effects of untreated age-related hearing loss  
Speaker: Advantages of endoscopic ear surgery in chronic otitis media
21. **Stanford University/Stanford Center on Longevity**, Virtual, 12/7/21  
*2021 Century Summit*  
Panelist: Rethinking care
22. **Society of University Otolaryngologists**, Virtual, 11/13/21  
*Annual Meeting*  
Panelist: A conversation on personal resilience and wellness
23. **Duke University Margolis Center for Health Policy**, Durham, NC, 9/15/21 [Virtual]  
*Future of Hearing Restoration Innovation*  
Reactor: The future of hearing care therapeutic development
24. **PAINWeek**, Las Vegas, NV, 9/11/21  
*15<sup>th</sup> Annual PAINWeek National Conference (BRAINWeek Track)*  
Speaker: I can't hear you: association of subclinical hearing loss with cognition
25. **Vanderbilt University**, Nashville, TN, 5/21/21 [Virtual]  
*7<sup>th</sup> Annual Endoscopic Middle Ear Surgery Course*  
Speaker: Endoscopic ear anatomy  
Speaker: Endoscopic stapes surgery  
Panelist: Live dissection with panelists  
Panelist: Microscope vs. endoscope: when to convert
26. **BRAINWeek**, Virtual, 5/8/21  
*BRAINWeek 2021 Live Virtual Conference*  
Speaker: I can't hear you: association of subclinical hearing loss with cognition
27. **Harvard University/Massachusetts Eye & Ear Infirmary**, Boston, MA, 5/5/21 [Virtual]  
*Endoscopic Surgery of the Sinuses, Eustachian Tube, and Ear: 3-Day Course*  
Moderator: Two-handed disposable distal chip endoscopes for ear surgery  
Panelist: Live exoscopic ear dissection with audience interaction
28. **American Neurotology Society**, Virtual, 4/10/21  
*56<sup>th</sup> Annual Spring Meeting (at COSM)*  
Moderator: Hearing loss and dementia: separating fact from fiction [390 attendees]

Panelist: Introduction to the hearing loss-dementia association [390 attendees]

29. **American Society of Geriatric Otolaryngology**, Virtual, 3/25/21  
*2021 Seminar Series*  
Speaker: Brain effects of age-related hearing loss
30. **Johns Hopkins University**, Baltimore, MD, 3/15/21  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: Age-related hearing loss and cognition: association vs. causation
31. **Harvard University/Massachusetts Eye & Ear Infirmary**, Boston, MA, 11/14/20 [Virtual]  
*International Course on Endoscopic/Exoscopic Ear and Lateral Skull Base Surgery*  
Moderator: Getting Started with Endoscopic Ear Surgery  
Panelist: Endoscopes and exoscopes for vestibular schwannoma surgery  
Panelist: Interactive exoscopic live dissection  
Panelist: Novel single use disposable distal chip endoscopic demonstration
32. **American Society of Head and Neck Radiology**, Virtual 10/7/20  
*Temporal Bone Case Conference*  
Panelist: Otologic surgery terminology decoded [250 attendees]
33. **Hearing Loss Association of America (HLAA)**, Virtual, 6/18/20  
*Annual Convention*  
Panelist: The potential for regenerative medicine to restore hearing loss
34. **American Society of Head and Neck Radiology**, Virtual 6/17/20  
*Temporal Bone Case Conference*  
Panelist: Mastoid surprise during cochlear implantation [350 attendees]
35. **Gerontological Society of America**, Austin, TX, 11/15/19  
*Annual Scientific Meeting*  
Session Chair: Impact of vision and hearing impairments
36. **American Osteopathic Colleges of Ophthalmology & Otolaryngology HNS**,  
Orlando, FL, 5/2/19  
*103<sup>rd</sup> Annual Clinical Assembly*  
Speaker: Hearing loss in older age: how does it affect your brain?  
Speaker: Can endoscopic ear surgery add value to your practice?  
Panelist: Tympanoplasty techniques
37. **Triological Society**, National Harbor, MD, 4/21/18  
*Annual Spring Meeting (at COSM)*  
Panelist: Caring for older adults who are dizzy and giddy
38. **University of California at San Francisco**, San Francisco, CA, 10/20/14  
*Otolaryngology—Head and Neck Surgery Grand Rounds*  
Speaker: The future of otology: electronic implants for hearing, balance, and tinnitus

## International Level

1. **Japanese Society of Otorhinolaryngology—Head and Neck Surgery**, Yokohama, Japan, 5/29/25 [Invited/meeting upcoming]  
*Annual Meeting*  
Speaker: Conductive hearing and dementia
2. **5<sup>th</sup> World Congress on Endoscopic Ear Surgery**, Campinas, Brazil, 6/20/24-6/22/24  
*Biannual Meeting*  
Speaker: Principles of endoscopic ear surgery  
Speaker: Challenging cases: transcanal endoscopic glomus tympanicum  
Speaker: Results of endoscopic tympanoplasty  
**Keynote Address**: Novel devices for endoscopic ear surgery  
Panelist: Endoscopic management of tympanic membrane perforations  
Panelist: How to avoid complications in endoscopic ear surgery  
Moderator: New technologies for ear surgery: exoscopes and other
3. **International Society of Audiology**, 4/18/24 [Virtual]  
*Hearing in Later Life Working Group: Hearing and Mental Health in Older Adults*  
Speaker: Hearing Loss & Mental Health (Depression): Otolaryngology Perspective
4. **Sydney Endoscopic Ear Surgery Research Group**, Sydney, Australia, 9/9/23-9/10/23  
*9<sup>th</sup> Dissection Course*  
Plenary Speaker: Understanding the impact of age-related hearing loss on cognition  
Speaker: Endoscopic myringoplasty, ossicular chain reconstruction, and stapes  
Speaker: Setting up an endoscopic ear surgery practice/getting started  
Lab Demonstrator: Dissection techniques, anatomy including inner ear
5. **International Federation of Oto-Rhino-Laryngological Societies (IFOS)**, Dubai, UAE, 1/17/23-1/21/23  
*World Congress 2023*  
Chair: External auditory canal cancer management  
Speaker: Endoscopic ear surgery pitfalls and pearls  
Speaker: Endoscopic middle ear anatomy  
Speaker: New technologies in endoscopic ear surgery  
Moderator: Endoscopic chronic ear management
6. **4<sup>th</sup> World Congress on Endoscopic Ear Surgery**, Kyoto, Japan, 12/5/22-12/8/22  
*Biannual Meeting*  
Chair: Use of novel disposable endoscope with integrated suction  
Moderator: Optimizing bone removal during endoscopic ear surgery  
Panelist: Teaching advantages of endoscopic ear surgery among medical students  
Panelist: The effects of age-related hearing loss: translating research to practice
7. **Politzer Society**, São Paulo, Brazil, 11/11/22  
*33<sup>rd</sup> Meeting*  
Speaker: Endoscopic ear surgery

Panelist: Endoscopic ear surgery

8. **German Society of Oto-Rhino-Laryngology**, Hannover, Germany, 5/26/22  
*93<sup>rd</sup> Annual Meeting*  
 Moderator: Endoscopic middle ear surgery  
 Speaker: Endoscopic stapes surgery
9. **CSurgeries**, Virtual, 4/23/21  
*International Otology & Neurotology Symposium*  
 Moderator: Endoscopic tympanoplasty and ossiculoplasty
10. **Egyptian Otological Society**, Minya, Egypt, 12/20/20 [Virtual]  
*20<sup>th</sup> Annual Meeting of Otology on the Nile*  
 Speaker: Endoscopic tympanoplasty
11. **3<sup>rd</sup> World Congress on Endoscopic Ear Surgery**, Boston, MA, 6/13/19  
*Biannual Meeting and Pre-Congress Workshop*  
 Moderator: Getting started in endoscopic ear surgery  
 Moderator: Decision-making in primary and revision endoscopic ear surgery  
 Moderator: Scientific presentations  
 Speaker: Young endoscopic ear surgeons reception  
 Speaker: Endoscopic ear surgery value: business & education  
 Speaker: Endoscopic ear surgery complications: heat injury
12. **Politzer Society/World Congress of Otology**, Warsaw, Poland, 5/28/19  
*32<sup>nd</sup> Meeting*  
 Speaker: Age-related hearing loss in the geriatric patient
13. **Israeli Society of Otolaryngology—Head and Neck Surgery, American-Israeli Otolaryngology Society**, Eilat, Israel, 2/27/19  
*Annual Meeting*  
 Speaker: Endoscopic ear surgery: why and how?
14. **Tarabichi-Stammberger Ear & Sinus Institute**, Dubai, UAE, 10/24/18 [Virtual]  
*16<sup>th</sup> Annual Hands-On Cadaver Dissection and Live Surgery Course*  
 Speaker: How to start endoscopic ear surgery
15. **Middle East Academy of Otolaryngology—Head and Neck Surgery**, Dubai, UAE, 4/1/18  
*15<sup>th</sup> Annual Meeting*  
 Speaker: Effects of age-related hearing loss  
 Speaker: Pediatric endoscopic ear surgery  
 Speaker: Pediatric bone conduction implantation  
 Speaker: The checklist of potential pediatric cochlear implant patients  
 Speaker: Good practices in pediatric cochlear implantation  
 Speaker: Beyond cochlear implants: vestibular & tinnitus implants  
 Moderator: Auricular reconstruction

16. **Bangalore Medical College and Research Center**, Bangalore, India, 11/19/13  
*First International Cochlear Implant and Temporal Bone Course*  
 Speaker: Hybrid cochlear implantation

\* indicates senior authorship

§ indicates research mentee under my mentorship

## 17. Miscellaneous Activities, Hobbies/Interests

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### 17a. Miscellaneous Activities

2007-2020	Otomatch.com, Site Designer
2009-2014	Otosurg.com (now retired), Site Founder and Director
2003-2008	justinphoto.com (now retired), Site Founder
2005-2006	Professional Freelance Photography, Atlanta, GA
2003	<i>The Emory Wheel</i> , Atlanta, GA, Staff Photojournalist
1998-2002	<i>The Tufts Daily</i> , Medford MA, Photo Editor
1997-2003	Private computer consulting/tutoring

### 17b. Hobbies/Interests

Skiing, home improvement, technology, photojournalistic and street photography, reading, travel