

CURRICULUM VITAE

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Present Title and Affiliations

Primary appointment:

Professor *with tenure*, Division of Otolaryngology Head and Neck Surgery
Department of Surgery, Duke University Medical Center
Duke Clinical Research Institute, Faculty A
Duke Global Health Institute, Affiliate Faculty

Secondary appointment:

Surgical Staff, Veterans Administration Medical Center, Durham NC

Education

2011 - 2013	Duke University Fuqua School of Business Master of Business Administration (Executive Weekend), Certificate in Health Sector Management
1990 - 1992	Fellowship, Otology, Neurotology, Skull Base Surgery Department of Otolaryngology Head and Neck Surgery University of Michigan, Ann Arbor, MI
1986 - 1990	Residency, Otolaryngology Head and Neck Surgery University of Virginia, Charlottesville, VA
1985 – 1986	Internship, General Surgery St. Joseph Mercy Hospital, Ann Arbor, MI
1981 – 1985	M.D., University of Virginia School of Medicine, Charlottesville, VA
1976 - 1977	M.S., Audiology, University of Michigan, Ann Arbor, MI
1976	B.S., Audiology and Speech Pathology, University of Virginia Charlottesville, VA

Additional Training

2006 – 2007 Executive Leadership in Academic Medicine (ELAM)
Competitive selection at institutional and national level

Academic Appointments

2010 – present Professor, Division of Otolaryngology Head and Neck
Surgery, Department of Surgery
Duke University Medical Center, Durham NC

2000 – 2009 Associate Professor, Division of Otolaryngology Head
and Neck Surgery, Department of Surgery
Duke University Medical Center, Durham NC

2002 Tenure awarded, Duke University

1993 – 2000 Assistant Professor, Division of Otolaryngology Head
and Neck Surgery, Department of Surgery
Duke University Medical Center, Durham NC

1993 – present Surgical Staff, Division of Otolaryngology Head and
Neck Surgery, Department of Surgery
Veterans Administration Medical Center
Durham NC

1993 – 2008 Surgical Staff, Division of Otolaryngology Head and
Neck Surgery, Department of Surgery
Veterans Administration Medical Center
Asheville NC

July – December 1992 Lecturer, Department of Otolaryngology Head and
Neck Surgery, Division of Otology/Neurotology
University of Michigan, Ann Arbor MI

Affiliations

2000 Faculty, **Duke Clinical Research Institute**
Duke University Medical Center
Durham NC

2009 Affiliate and Member of Steering Committee
(Surgery Department representative)
Duke Global Health Institute

Other Positions and Employment

1981 – 1985 Graduate Research Assistant
Neurotology Laboratory, Department of Otolaryngology
Head and Neck Surgery, University of Virginia

(mentor: Edwin W Rubel, Ph.D.)

1977 – 1981 Clinical Audiologist
Department of Otolaryngology Head and Neck
Surgery, University of Virginia Health Sciences
Center, Charlottesville, VA

1980 – 1981 Research Assistant
Department of Psychology, Psychobiology
University of Virginia

Certification and Licensure

2004 Subspecialty Certification, Neurotology
American Board of Otolaryngology

2013 Renewal of Neurotology Certification
Valid 6/1/2014 to 6/30/2024

1990 Certification in Otolaryngology Head and Neck Surgery
American Board of Otolaryngology

State Licenses (active):

1993 North Carolina

1990 Michigan

Honors and Awards

2015 Duke University Health System Strength Hope and Caring
Award, April 2015, awarded for exemplary patient care

2014 Presidential Citation, American Neurotology Society
*In recognition of outstanding leadership, personal
integrity, and a career dedicated to teaching and
research in neurotology*

2012 Distinguished Service Award, American Academy
of Otolaryngology Head and Neck Surgery

2000 Honor Award recipient, American Academy of
Otolaryngology Head and Neck Surgery

1998 Edmund Prince Fowler Award for Excellence in Basic
Science Research, Triological Society

1990 Alpha Omega Alpha

1989 Resident Research Award, First Place, Basic Science
American Academy of Otolaryngology Head and Neck Surgery

Leadership: Duke

2015 – 2017	Chair Academic Promotions and Tenure Committee, School of Medicine
2015	Chair, Dean's committee, 5-year review Department of Medicine
2014	Faculty Co-Leader, The Chancellor's Clinical Leadership in Academic Medicine Program, C-CHAMP
2015-16	Faculty Co-Leader, Duke Clinical Leadership Program

Professional Memberships and Organizational Activities

1990, Fellow <u>Activities:</u>	<u>American Academy of Otolaryngology Head and Neck Surgery</u>
2008 – 2012	Member, Board of Directors (elected by members)
2012 – present	Research Advisory Board, At-Large, Clinical/Translational Science
2011 – 2012	Executive Committee, Board of Directors
2008 – 2012	Trustee, Finance and Investment Subcommittee
2010 – 2012	Member, Audit Committee
2000 – 2007	Co-Chair, National Resident Online Study Guide (curriculum development)
2000 – 2007	Education Advisory Committee
2005 – 2007	Nominating Committee (elected by members)
2003 – 2005	Evidence-based medicine initiative
2000	Coalition for Hearing and Balance/Public Relations
1998 – 2000	Committee member, Women in Otolaryngology
1997 – 2003	Home Study Course faculty
1996 – 1998	Chair, Research Forum, AAO-HNS National Meeting
1996 – 2002	Committee on Research in Otolaryngology/ Research Education
1994 – 1997	Hearing Committee, Subcommittee on Implantable Devices
1994 – 1997	Task Force on New Materials
1990, Fellow <u>Activities:</u>	<u>American Board of Otolaryngology</u>
2014 – 2017	Senior examiner, oral board exam
2006 – 2008	Senior examiner, oral board exam
1997 – 1999	Guest examiner, oral board exam
2004 – 2005	Guest examiner, oral board exam
1997, Fellow	<u>American College of Surgeons</u>
1986, Member <u>Activities:</u>	<u>Association for Research in Otolaryngology</u>

2011 – 2012 President (elected by members)
 2010 – 2011 President-elect
 2007 – 2010 Chair, Publications committee (administrative oversight of
Journal for Research in Otolaryngology)
 2003 – 2006 Long Range Planning Committee
 1993 – 1996 Long Range Planning Committee
 2003 – 2006 Physician Research Training Committee
 2003 – 2004 CME Committee
 1996 – 1997 Nominating Committee

1999, Fellow
Activities:

2005 – 2006 President (selected by Council)
 2001 – 2003 Secretary-Treasurer (selected by Council)
 2006 – 2009 Long Range Planning Committee
 2007 – 2008 Program Committee

American Neurotology Society

2000, Fellow
Activities:

2015 – 2016 President
 2013 – 2015 Education Director, President - Elect
 (Executive Council position, selected by Council)
 2010 – 2012 Editor Librarian
 (Executive Council position, selected by Council)
 2012 Program Committee
 2001 – 2008 Board of Trustees, AOS Research Fund (grant review and
 administration)
 2007 – 2008 Award of Merit Committee
 1999 Program Committee

American Otological Society

1999, Fellow

Triological Society
 (elected by membership after thesis submission)

1998

Edmund Prince Fowler Award for Excellence in Basic
 Science Research (thesis)

1998, member
Activities:

1998 – 2002 Executive Board (elected by membership)
 2001 – 2003 President (selected by Board)
 2000 – 2001 President-elect

American Auditory Society

1995, member
Activities:

2000 – 2003 Resident Education Committee
 1997 – 2000 Resident Research Committee (Chair in 2000)

Society of University Otolaryngologists

1990, member

Deafness Research Foundation
(renamed the Hearing Health Foundation)

Activities:

2007 – present Council of Scientific Trustees

1994, member
Activities:
1995

North Carolina Medical Society

Children and Youth Committee

Activities:
2013 - 2014

Beginnings of North Carolina

For Parents of Children Who Are Deaf Or
Hard of Hearing, Inc. (non-profit advocacy and services)
Board of Directors

Committee Assignments and Consultant Service – National

Activities:

**National Institutes of Health – National Institute for
Deafness and other Communicative Disorders (NIDCD)**

2013 – 2017

NIDCD Scientific Advisory Council

1993 – present

Ad hoc reviewer (R01, including clinical trials; fellowships;
training grants; program project grants)

2001 – 2005

Member, Communications Disorders Review Committee
(NIDCD review of K, T, and F mechanism grants)

2004 – 2007

NIDCD – Task Force on Clinical and Translational
Research – April 2004, March 2005 – participant
May 2007 – Co-chair with NIDCD staff

2009 – present

Advisory Committee, Temporal Bone Consortium for
Research Resource Enhancement (NIDCD)

2011

Member, Working Group to develop new
Strategic Plan for the NIDCD for 2012 – 2016

Institute of Medicine

2015 – 2016

Consensus Committee on Accessible and Affordable Hearing
Health Care for Adults

2002 – 2005

Food and Drug Administration

Member, Ear, Nose and Throat Devices Advisory
Committee

2013 – present
1995 – present

Editorial Boards and Journal Administration

Assistant Editor, *Otology & Neurotology*

Editorial Board, *Otology & Neurotology* (formerly
American Journal of Otology)

2001 – 2007

Board of Directors, American Journal of Otology, Inc.

2013 – 2017

Board of Directors, *Otology & Neurotology*

2006

Search Committee, Editor-in-Chief, *Otology & Neurotology*

2007 – 2010

Chair, ARO Publications Committee (administration of

1994 – 2001	society journal, negotiated new publisher's contract)
1995	Editorial Board, Section Editor (Otology), <i>Ear and Hearing</i>
Ongoing	External grant reviewer, House Ear Institute Editorial reviewer: <i>Archives of Otolaryngology Head and Neck Surgery</i> , <i>Otolaryngology Head and Neck Surgery</i> , <i>Laryngoscope</i> , <i>Hearing Research</i> , <i>Brain Research</i> , <i>Audiology and Neurotology</i> , <i>Ear and Hearing</i> , and others

Other Service

March 2010 – 2015	Chair, Data Review Group, Otonomy, Inc. A Prospective Randomized, Double-Blind, Placebo-Controlled Multicenter, Phase 1B Study of OTO-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease, and again for Phase 2 study recently completed
May 11, 2011	Medical Evidence Development & Coverage Advisory Committee presentation: Cochlear Implantation in Adults

Committee Assignments and Administrative Services - Duke

2015 – 2017	Chair, School of Medicine APT Committee
2015	Chair, School of Medicine 5-year review of the Department of Medicine
2015 – 2016	Member, Search Committee, Division of Head and Neck Surgery & Communication Sciences
2013 – 2015	Member, School of Medicine Clinical Sciences Appointment, Promotion, and Tenure Committee
2008 – present	Co-Director and co-founder, <u>Duke Hearing Center</u>
2014	Member, Search Committee, Chair Department of Ophthalmology
2011 – 2013	Private Diagnostic Clinic (PDC) Board, at-large member (elected) representing Departments of Surgery, OB-GYN, Ophthalmology, and Orthopaedics (physician practice plan leadership)
2012 – 2013	Chair review committee, Department of Radiology
2012 – present	Dean's Advisory Council on Faculty Conduct, member
2010 – 2011	Chair Search Committee, Department of Neurobiology

2010	Search Committee, Chief of Division of Plastic Surgery
2007 – 2009	Co-chair, Dean's Advisory Committee on Emerging Departments
2007 – present	Department of Surgery, Committee on Appointments, Promotion and Tenure
2004 – 2005	Search Committee, Chief of Division of Otolaryngology Head and Neck Surgery, Department of Surgery
2002 – 2008	Dean's Advisory Committee on Women
2004 – 2008	Duke University Academic Council (elected, two terms)
2001 – 2002	Chair Search Committee, Department of Neurobiology

Educational Activities

1993 - present	Division of Otolaryngology Head and Neck Surgery, Duke Responsible for organizing and teaching weekly Otolaryngology Conference for residents and medical students; Responsible (with partner as of March 2008) for all resident teaching and mentoring related to subspecialty of Otolaryngology/Neurotology and associated basic science and clinical research.
1993 – present	Duke University School of Medicine – clinical departments Presented invited lectures on otology/neurotology/skull base surgery topics to: Department of Surgery residents Divisions of Neurology and Neurosurgery (Grand Rounds and resident lectures) Department of Radiology Department of Medicine (Med/Psych Grand Rounds)
2000 - present	Duke University School of Medicine – Medical Student (first year curriculum)
2000 – 2015	Cochlear Implantation
2004 – 2008	Diseases of the Auditory and Vestibular Systems workshop School of Medicine and Duke University Undergraduate
2005 – present	Center for Cognitive Neuroscience
2007, 2009	Department of Biomedical Engineering (cochlear implants) Howard Hughes Summer Science Research (Vertically Integrated Partners) Program (Co-mentor with Leslie Collins, Ph.D., former Chair of Department of Electrical and Computer Engineering)
Summer 2009	Mentor: Patrick Wang (undergraduate); Amanda Anderson (undergraduate), Phillip Brown (graduate student)

Summer 2008 Mentor: Katie Qin (undergraduate), Nadeem Kolia (undergraduate), Joshua Stohl (graduate student), Phillip Brown (graduate student)

Current/ongoing Mentoring of all residents in Otolaryngology Head and Neck Surgery program at Duke. Faculty mentor to: Taylor Shepard, M.D., Marisa Ryan, M.D., Matthew Crowson, M.D., Anatoli Karas, M.D. (assigned by resident selection)

International Work

2013 – present Kenya
 Nairobi – recipient of grant to conduct demonstration/pilot program to perform newborn hearing screening in Kenyatta Hospital in 2015. Collaboration with Nairobi OHNS and Audiology.
 Consultant for Duke Global Health Institute collaboration/MOU with Kenyatta University Hospital for development of patient care and professional/academic practice (medical center startup)
 Eldoret – visited Moi Teaching and Referral Hospital as consultant to develop expanded otolaryngology and hearing services

2007 India
 Co-PI Department of Surgery/Duke Global Health Institute grant to develop system for identification and treatment of hearing impairment in rural India, and for development of low cost cochlear implant for use in India

2006 Traveled to India at invitation of Indian government to consult on design of low cost cochlear implant (with Blake Wilson, BSEE)

2007 Singapore
 Consultant to Dean Sandy Williams to develop Surgery curriculum in newly founded Duke – National University of Singapore Medical School

Grants – Current, National Institutes of Health

R21/33 (Research on Hearing Health Care RFA-DC-14-001)
Addressing Barriers to Adult Hearing Healthcare
 PI: Tucci; Co-PI Witsell
 Start date – 1/16; End date 12/31/20
 DC total = \$1,549,669; Total costs = \$2,453,366

T32 DC013018 (PI: Tucci) 3/1/2013 – 2/28/18 (approximate dates)
 NIH/NIDCD \$1,922,875 (estimated total cost)
Training for Clinical Research in Hearing, Balance, and Other Communication Disorders
 This training grant provides resources to give post-residency otolaryngologists, post-doctoral level PhD communication disorders scientist-clinicians, and third year Duke medical students

rigorous training in clinical research methodology and mentoring for development of evidence-based research in communication disorders.

R24 DC012206 (Co-PI: Witsell, Tucci) 2/12 – 2/17
NIH/NIDCD \$4,124,560 (estimated total cost)
NIDCD Community-Wide Scientific Resources Limited Competition: The CHEER Network
This grant, converted to a U24, is awarded for a second five years for the purpose of further development and implementation of a national practice based research network in otolaryngology and communication disorders.

1U24-DC012079-01 (Tucci) 12/08/11-11/30/15 1.8 mos
NIH/NIDCD \$628,000 (estimated total cost)
Resources for Mentorship of Clinician Scientists in Hearing and Balance Disorders
Funds are awarded to support the creation of infrastructure for a national mentoring network, targeting junior faculty clinician-scientists in Otolaryngology and related fields that address hearing and balance dysfunction (such as Audiology and Vestibular Sciences). This pilot program has enrolled five mentees (two MD otolaryngologists, three PhD audiology faculty), each with two mentors. Program resources include extensive up-front work with a consultant to manage early interactions informed by Myers Briggs and other assessments, negotiation of formal mentor/mentee contracts, monitored quarterly internet-based meetings, annual face-to-face meetings, regular formal assessments by mentors and mentees, and provision of internet-based resources.

R01 DC011321 (PI: Wiet, Gregory, Ohio State University)
NIH/NIDCD 8/5/11-7/31/16 0.89 mos
\$5,414 (subcontract)
Virtual Temporal Bone Surgery: Defining and Translating Standardized Metrics to an Automated Assessment Tool
This multi-center study evaluates the use of a virtual temporal bone dissection tool in resident training for temporal bone surgery. We also participated in a previous pilot study.

Grants – current, non-NIH

Duke School of Medicine GME Innovation Award (PIs: Puscas, Tucci, Lee)
Refining Resident Selection: Assessment of Character and Leadership Potential
4/18/12 – 4/15 \$28,750
This program is part of a national collaboration (J Prager, University of Colorado) to develop tools for better assessment of residency applicants in OHNS.

Evaluating access to hearing health care for severe to profoundly hearing impaired children in North Carolina
10/18/13 – 10/14 \$40,000 Funded by Med EI Corporation
Partnership with state organization BEGINNINGS for Parents of Children Who Are Deaf or Hard of Hearing, Inc., to analyze access and barriers to care for hearing impaired children in North Carolina

Establishing Hearing Health Care in Kenya
7/14 – 12/15 \$250,000 Funded by Med EI Corporation

This grant will fund a pilot demonstration newborn hearing screening program at Kenyatta Hospital in Nairobi, and provide follow up testing and intervention for children identified with hearing impairment. Partnership with Serah Ndegwa, audiologist, Drs. Isaac Macharia and John Ayugi in Nairobi, as well as US consultants at Indiana University, University of Miami, and Duke University.

Grants – Completed

2011 – 2014 NICDC R21 DC011643
Preliminary Clinical Trial of New Therapy for Patients with Severe Tinnitus
Role: Co-PI (with R. Wolever)
Budget: Total cost \$396,866
FTE 1.8 months

This trial compared traditional sound based and educational therapy for tinnitus with a program that combines this with an integrative medicine approach to tinnitus treatment. The IM approach utilized cognitive behavioral therapy, acupuncture, and health coaching in the control of symptoms. Currently in final stages of manuscript submission.

2007 – 2012 NIDCD R21/R33, DC008632
Phased Infrastructure Grant for Patient-Oriented Research
Role: Co-PI (D. Witsell PI)
Budget (direct cost): \$1,544,315; (total cost): \$2,556,868
FTE: .2

2009 – 2010 Duke Institute for Brain Sciences Research Incubator Award
Feasibility Studies of the Inferior Colliculus as a Prosthetic Site
Role: Collaborator (J. Groh, N Cant, W Grill, B Wilson)
Budget: \$100,000
Current Status: in final stages of completion, R01 submitted (J. Groh PI, D. Tucci consultant)

2002 – 2007 NIDCD R01, DC05416
Central Auditory System Effects of Auditory Deprivation
Role: P.I.
Budget (direct cost): \$1,125,000; (total cost): \$1,608,300
FTE: Years 1-3, 0.5; Years 4-5: 0.4

1996 – 2001 NIDCD K08, DC00125
Deprivation Effects on Central Auditory System Function
Role: P.I.; Mentor: Nell Cant, Ph.D.
Budget (direct cost): \$407,638; (total cost): \$440,249
FTE: Years 1-5: 0.75

2003 NIDCD R13, DC005984
Building the Next Generation of Researchers in Audiology and Hearing Science – The American Auditory Society
Role: P.I.

Budget (direct cost): \$23,090

2003 – 2006

Cochlear Americas
Percutaneous Contour Cochlear Implant Speech Processing Study
Role: Co-P.I. (with B. Wilson and D. Lawson, Research Triangle Institute)
Budget: \$114,009

2003 – 2006

Pfizer, Inc.
Treatment of Tinnitus with Gabapentin: A Pilot Study
Role: Co-P.I. (with D. Witsell)
Budget: \$45,750

2000 – 2002

Medtronic Corporation
Treatment of Meniere's Disease with Meniett Device
Role: Institutional P.I. for Multicenter Clinical Trial (P.I. G. Gates)

1999 – 2001

Glaxo Wellcome, Inc.
Treatment of Sudden Sensorineural Hearing Loss with Systemic Steroids and Valacyclovir
Role: Co P.I. (with D. Witsell)
Budget: \$100,000

1991 – 1993

Deafness Research Foundation
The Role of Auditory Nerve Stimulation in Regulation of Central Auditory Pathway Anatomy
Role: P.I.
Budget: \$25,000

Visiting Professorships, Selected Invited Lectures

May 29 - 30, 2015

Warren Y. Adkins MD Lecture
Medical College of South Carolina
Charleston Magnolia Conference

May 1, 2015

Robert Jahrsdoerfer Lecturer
University of Virginia Department of
Otolaryngology-Head and Neck Surgery

May 1, 2011

William F. House Lecturer
American Neurotology Society annual meeting
Chicago, IL
Developing Effective Strategies to Minimize Global Hearing Impairment

July 14, 2011

Keynote Speaker
13th Symposium on Cochlear Implants in Children
Global Hearing Impairment: Magnitude of the Problem

Strategies for Prevention and Treatment

June 5, 2009	Bonan Honored Lecturer Department of Otolaryngology Head and Neck Surgery University of Kansas, Eleventh Annual Alumni Day & Resident Graduation
May 7 – 9, 2009	Merle Lawrence/Joseph Hawkins Lectureship Department of Otolaryngology Head and Neck Surgery University of Michigan
April 6, 2006	James A. Moore Otology Lecturer and Visiting Professor Department of Otolaryngology, Cornell University
March 9, 2006	Grand Rounds speaker, Department of Otolaryngology Northwestern University
October 5 – 6, 2004	Ben Senturia Lecturer Department of Otolaryngology Head and Neck Surgery Washington University in St. Louis
April 24, 1998	Invited Guest Speaker The John L. Kemink Symposium, Inauguration of the John L. Kemink Professorship, Department of Otolaryngology Head and Neck Surgery, University of Michigan
May 21 – 22, 1997	Invited Guest Lecturer and Instructor, Temporal Bone Dissection Course, Department of Otolaryngology Head and Neck Surgery, University of Michigan
March 1997	Visiting Professor Department of Otolaryngology, Kaiser Permanente Medical Center, Oakland, CA

Instructional Courses, Course Directorships

September 2012	Mini-seminar, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting with Nancy Young, M.D., and invited panelists <i>Professional Advancement: Why Gender Differences Matter</i>
September 2010 – 2011 (annual)	Instructional Course, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting with Nancy Young, M.D. <i>Gender and Leadership in Otolaryngology</i>
July 30 – August 2, 2003	Planning Committee, Faculty Speaker Advanced Clinical Research Symposium Potomac, MD Mentored participants in design of research proposal

	Lectures: Institutional review, HIPAA, Informed Consent
September 1998 – 2005 (annual)	Instructional Course, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting with John Niparko, M.D. <i>Importance of Early Intervention for Childhood Hearing Loss</i>
September 2000	Instructional Course, American Academy of Otolaryngology Head and Neck Surgery, with Nancy Young, M.D. <i>Surgical Issues in Pediatric Cochlear Implantation</i>
April 13 – 15, 1995	Course Director and presenter <i>Excellence in Otolaryngology</i> , CME program at Duke University
November 4 – 5, 1995	Course Co-Director and presenter <i>Cranial Nerve Dysfunction: Contemporary Assessment, Surgical Therapy, and Rehabilitation</i> , Duke University
April 1994, March 1995	Instructional Course, American Academy of Audiology Annual Meeting <i>Radiographic Imaging of Otologic Disease</i>

Publications

- **Peer Reviewed** (* indicates mentored resident)

*Crowson MG, Schulz KC, **Tucci DL**. Provider and patient drivers of otological antibiotic prescription variability. *Am J Otolaryngol* 36:814-9, 2015.

Piker EG, Kaylie DM, Garrison D, **Tucci DL**. Hospital anxiety and depression scale: Factor structure, internal consistency and convergent validity in patients with dizziness. *Audiology and Neurotology* 20(6):394-399, 2015.

Wolever, R.Q., Price, R., Hazelton, A.G., Dmitrieva, N., Bechard, E.M., Shaffer, J.K. & **Tucci, D**. Complementary therapies for significant dysfunction from tinnitus: treatment review and need for integrative medicine. *Evidence-Based Complementary and Alternative Medicine*, Vol 2015, Article ID 931418, 8 pages. DOI:10.1155/2015/931418, 2015.

*Emmett SD, **Tucci DL**, Smith M, Ndegwa S, Nakku D, Kaitesi M, Ibekwe T, Mulwafu W, Gong W, Francis HW, Saunders JE: GDP matters: Cost effectiveness of cochlear implantation and deaf education in Sub-Saharan Africa. *Otol and Neurotol* 36:1357-65, 2015.

Saunders JE, Barrs DM, Gong W, Wilson BS, **Tucci DL**: Cost effectiveness of childhood CI vs. deaf education in Nicaragua: A disability adjusted life year model. *Otol Neurotol*, 36:1349-56, 2015.

Cunningham LL, **Tucci DL**: Restoring synaptic connections in the inner ear after noise damage. *N Engl J Med* 372:181-2, 2015.

*Patki A, **Tucci DL**: Choosing an ear for cochlear implantation: Implant the better or worse hearing ear? *Laryngoscope*, (Best Practices), 125:5-6, 2015.

*Rocke DJ, **Tucci DL**, Marcus J, McClennen J, Kaylie DM: Osseointegrated implants for auricular defects: operative techniques and complication management. *Otol Neurotol* 35:1609-1614, 2014.

Schulz K, Puscas L, **Tucci D**, Woodard C, Witsell D, Esclamado RM, Lee WT: Surgical training and education in promoting professionalism: a comparative assessment of virtue-based leadership development in otolaryngology-head and neck surgery residents. *Med Educ Online* 18:22440, 2013.

*Whited CW, Unrein SC, **Tucci DL**, Kaylie DM: Evaluation of preoperative hearing-in-noise protocol for osseointegrated hearing implants. *Otol Neurotol* 34:990-994, 2013.

Lambert PR, Nguyen S, Maxwell K, **Tucci DL**, Lustig L, Fletcher M, Bear M, LeBel C: A randomized double-blind placebo-controlled clinical study to assess safety and clinical activity of OTO-104 given as a single intratympanic injection in patients with unilateral Meniere's disease. *Otol Neurotol* 33:1257-1265, 2012.

*Shepard TH, **Tucci DL**, Grant GA, Kaylie DM: Management of hearing in pediatric NF2. *Otol Neurotol* 33:1066-70, 2012.

Kaylie D, Garrison D, **Tucci DL**: Evaluation of the patient with recurrent vertigo. *Arch Otolaryngol Head Neck Surg* 138:584-7, 2012.

Stachler RJ, Chadrasekhar SS, Archer SM, Rosenfeld RM, Schwartz SR, Barrs DM, Brown SR, Fife TD, Ford P, Ganiats TG, Hollingsworth DB, Lewandowski CA, Montano JJ, Saunders JE, **Tucci DL**, Valente M, Warren BE, Yaremchuk KL, Robertson PJ, American Academy of Otolaryngology Head and Neck Surgery: Clinical practice guideline: sudden hearing loss. *Otolaryngol Head Neck Surg* 146:S1-35, 2012.

Witsell DL, Rauch S, **Tucci DL**, Telian SA, Roland P, Nguyen-Huynh A, Schulz K: The Otology Data Collection Project: Report from the CHEER network. *Otolaryngol Head Neck Surg* 145:572-580, 2011.

Witsell DL, Schulz K, Moore K, **Tucci DL**: Implementation and testing of research infrastructure for practice-based research in hearing and communication disorders. *Otolaryngol Head Neck Surg* 145:565-571, 2011.

Wilson BS, Dorman MF, Woldorff MG, **Tucci DL**: Cochlear implants: matching the prosthesis to the brain and facilitating desired plastic changes in brain function. *Prog Brain Res* 194:117-129, 2011.

Tucci DL, Schulz K, Witsell DL: Building a national research network for clinical investigations in otology and neurotology. *Otol Neurotol* 31 (2):190-195, 2010.

Tucci DL, Merson MH, Wilson BS: A summary of the literature on global hearing impairment: Current status and priorities for action. *Otol Neurotol*, 31 (1):31-41, 2010.

Aliabadi H, Vredenburg JJ, Everson RG, Desjardins A, Friedman HS, McLendon RE, **Tucci DL**, Sampson JH: Bevacizumab fails to treat temporal paraganglioma: discussion and case illustration. *J Neurooncol* 98:427-430, 2010.

Schellenberg K, Bedlack R, **Tucci D**: Roaring in the ears: patulous Eustachian tube in bulbar amyotrophic lateral sclerosis. *Amyotroph Lateral Scler* 11:395-6, 2010.

Bledsoe SC Jr, Koehler S, **Tucci DL**, Zhou J, Le Prell C, Shore SE: Ventral cochlear nucleus responses to contralateral sound are mediated by commissural and olivocochlear pathways. *J Neurophysiol* 102:886-900, 2009.

Chino JP, Sampson JH, **Tucci DL**, Brizel DM, Kirkpatrick JP: Paraganglioma of the head and neck: long-term local control with radiotherapy. *Am J Clin Oncol* 32:304-307, 2009.

Hutson KA, Durham D, **Tucci DL**: Reversible conductive hearing loss: restored activity in the central auditory system. *Audiol Neurootol* 14:69-77, 2009.

Hutson K, Durham D, Imig T, **Tucci DL**: Consequences of unilateral hearing loss: cortical adjustment to unilateral deprivation. *Hear Res* 237:19-31, 2008.

Hutson KA, Durham D, **Tucci DL**: Consequences of unilateral hearing loss: time dependent regulation of protein synthesis in auditory brainstem nuclei. *Hear Res* 233:124-134, 2007.

Witsell DL, Hannley MT, Stinnet S, **Tucci DL**: Treatment of tinnitus with gabapentin: a pilot study. *Otol Neurotol* 28:11-15, 2007.

Gates GA, Verrall A, Green JD Jr, **Tucci DL**, Telian SA: Meniett clinical trial: long term follow-up. *Arch Otolaryngol Head Neck Surg* 132:1311-1316, 2006.

Sumner CJ, **Tucci DL**, Shore SE: Responses of ventral cochlear nucleus neurons to contralateral sound after conductive hearing loss. *J Neurophysiol* 94:4234-4243, 2005.

Gates GA, Green JD Jr, **Tucci DL**, Telian SA: The effects of transtympanic micropressure treatment in people with Meniere's disease. *Arch Otolaryngol Head Neck Surg* 130:718-725, 2004.

Asaoka K, Barrs DM, Sampson JH, McElveen JT Jr, **Tucci DL**, Fukushima T: Intracanalicular meningioma mimicking vestibular schwannoma. *AJNR Am J Neuroradiol* 23:1493-1496, 2002.

Tucci DL, Farmer JC Jr, Kitch RD, Witsell DL: Treatment of sudden sensorineural hearing loss with systemic steroids and valacyclovir. *Otol Neurotol* 23:301-308, 2002.

*Cook RD, *Hung TY, Miller RL, Smith DW, **Tucci DL**: Effects of conductive hearing loss on auditory nerve activity in gerbil. *Hear Res* 164:127-137, 2002.

Alexander MJ, Smith TP, **Tucci DL**: Treatment of an iatrogenic petrous carotid artery pseudoaneurysm with a Symbiot covered stent: technical case report. *Neurosurgery* 50:658-662, 2002.

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*Perry BP, Scher RL, Gray L, Bossen EH, **Tucci DL**: Pathologic quiz case 1. Salivary gland choristoma of the middle ear. *Arch Otolaryngol Head Neck Surg*. 124:714-716, 1998.

Clendaniel RA, **Tucci DL**: Vestibular rehabilitation strategies in Meniere's disease. *Otolaryngol Clin North Am* 30:1145-1158, 1997.

Lawson DT, Wilson BS, Finley CC, Zerbi M, Cartee LA, Roush PA, Farmer JC, **Tucci DL**: Cochlear implant studies at Research Triangle Institute and Duke University Medical Center. *Scan Audiol Suppl* 46:50-64, 1997.

Heller JW, Brackmann DE, **Tucci DL**, Nyenhuis JA, Chou CK: Evaluation of MRI compatibility of the modified Nucleus multichannel auditory brainstem and cochlear implants. *Am J Otol* 17:724-729, 1996.

Tucci DL, Telian SA, Zimmerman-Phillips S, Zwolan TA, Kileny PR: Cochlear implantation in patients with cochlear malformations. *Arch Otolaryngol Head Neck Surg* 121:833-838, 1995.

Tucci DL, Telian SA, Kileny PR, Hoff JT, Kemink JL: Stability of hearing preservation following acoustic neuroma surgery. *Am J Otol* 15:183-188, 1994.

Gebarski SS, **Tucci DL**, Telian SA: The cochlear nucleus complex: MR location and abnormalities. *AJNR Am J Neuroradiol* 14:1311-1318, 1993.

Tucci DL, Lambert PR, Innes DJ Jr: Primary lymphoma of the temporal bone. *Arch Otolaryngol Head Neck Surg* 118:83-85, 1992.

Girod DA, **Tucci DL**, Rubel EW: Anatomical correlates of functional recovery in the avian inner ear following aminoglycoside ototoxicity. *Laryngoscope* 101:1139-1149, 1991.

Tucci DL, Rubel EW: Physiologic status of regenerated hair cells in the avian inner ear following aminoglycoside ototoxicity. *Otolaryngol Head Neck Surg* 103:443-450, 1990.

Tucci DL, Lambert PR, Ruth RA: Trends in rehabilitation after cochlear implantation. *Arch Otolaryngol Head Neck Surg* 116:571-574, 1990.

Tucci DL, Ruth RA, Lambert PR: Use of the bone conduction ABR Wave 1 response in determination of cochlear reserve. *Am J Otol* 11:119-124, 1990.

Tucci DL, Wilson MJ, Dobie RA: Coherence analysis of scalp responses to amplitude-modulated tones. *Acta Otolaryngol* 109:195-201, 1990.

Tucci DL, Born DE, Rubel EW: Changes in spontaneous activity and CNS morphology associated with conductive and sensorineural hearing loss in chickens. *Ann Otol Rhinol Laryngol* 96:343-350, 1987.

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Delaney RL, **Tucci DL**, Gold PE: Amphetamine effects on long term potentiation in dentate granule cells. *Pharmacol Biochem Behav* 18:137-139, 1983.

Ruth RA, **Tucci DL**, Nilo ER: Effects of ear canal pressure on threshold and growth of the acoustic reflex. *Ear Hear* 3:39-41, 1982.

- **Book Chapters** (* indicates mentored resident)

Kaylie D, **Tucci DL**, Fukushima T: ELITE approach for resection of large glomus jugulare tumors. In DE Brackmann, C Shelton, M Arriaga (Eds) Otologic Surgery, Fourth Edition, Philadelphia: WB Saunders Co., 2015.

*Crowson M, **Tucci DL**: Chronic Suppurative Otitis Media - Management. In A Langman (Ed), 2015.

Low W-K, *Kahmke R, **Tucci DL**: The role of oxidative stress in idiopathic sudden sensorineural hearing loss and Meniere's disease. In J Miller, C Le Prell, L Rybak, D Armstrong (Eds) Free Radicals in ENT Pathology, Springer, 2015.

Tucci DL, Kaylie, DM, **Tucci DL**, *Pilkington TM, Fukushima T: ELITE approach for resection of large glomus jugulare tumors. In DE Brackmann, C Shelton, M Arriaga (Eds) Otologic Surgery, Third Edition, Philadelphia: WB Saunders Co., 2009.

Tucci DL, *Pilkington TM: Medical and surgical aspects of cochlear implantation. In JK Niparko (Ed.), Cochlear Implants: Principles, Practice and Pitfalls, Second Edition. Philadelphia: Lippincott-Raven, 2009.

Della Santina CC, Carpenter RM, **Tucci DL**, Niparko JK: Implantable hearing devices. In G Hughes, M Pensak (Eds), *Clinical Otology*, Third Edition, New York: Thieme, 2007.

Tucci DL, Gray L: Radiologic imaging in otologic disease. In RJ Roeser, M Valente, H Hosford-Dunn (Eds) Audiology: Diagnosis, Second Edition, New York: Thieme, 2007.

Niparko JK, Leung J, **Tucci DL**, Burton MJ, Mann EA: Cochlear implants in children: A review of reported complications, patterns of device failure, and assessment of current approaches to surveillance. In M Field, H Tilson (Eds) Safe Medical Devices for Children, Washington DC: Institute of Medicine of the National Academies, National Academy Press, 2006.

Tucci DL, Rubel EW: Development and disorders of the central auditory system. In R Jackler, D Brackmann (Eds) Neurotology, Second Edition. St Louis: Mosby, 2005.

Niparko JK, Francis H, **Tucci DL**, Dawsey D, Chinnici J: Auditory rehabilitation: Cochlear implants. In L Lustig, JK Niparko (Eds), Clinical Neurotology, London: Martin Dunitz, 2003.

Niparko JK, Francis H, **Tucci DL**: Cochlear implants. In L Lustig, JK Niparko (Eds), Disorders of Hearing Balance and the Facial Nerve, London: Isis Publishers, 2001.

Tucci DL, Gray L: Radiographic imaging in otologic disease. In RJ Roeser, H Hosford-Dunn, M Valente (Eds), Audiology: Diagnosis, New York: Thieme, 2000.

Tucci DL, Niparko JK: Medical and surgical aspects of cochlear implantation. In JK Niparko, KI Kirk, NK Mellon, AM Robbins, **DL Tucci**, BS Wilson (Eds), Cochlear Implants: Principles, Practice and Pitfalls, Philadelphia: Lippincott-Raven, 2000.

Tucci DL: Central auditory system effects of cochlear implantation: animal studies. In JK Niparko, KI Kirk, NK Mellon, AM Robbins, **DL Tucci**, BS Wilson (Eds), Cochlear Implants: Principles, Practice and Pitfalls, Philadelphia: Lippincott-Raven, 2000.

Tucci DL: Deafness and disorders of central auditory processing. In BO Berg (Ed) Principles of Child Neurology. New York: McGraw-Hill, Inc, 1996.

Tucci DL, Berg BO: Hereditary hearing loss associated with diseases of other organ systems. In BO Berg (Ed) Principles of Child Neurology. New York: McGraw-Hill, Inc., 1996.

Tucci DL, Rubel EW: Development and disorders of the central auditory system. In R Jackler, D Brackmann (Eds) Neurotology, St Louis: Mosby, 1994.

Tucci DL, Ruth RA, Schoeny ZG: Calibration for speech audiometry. In R Rupp, K Stockdell (Eds) Speech Protocols in Audiology, New York: Grune and Stratton, 1980.

- **Electronic Publication**

Lalani T, Sexton DJ, Tucci DL: Cochlear implant infections. In Up To Date, BD Rose (Ed), Waltham MA., 2007, 2010, 2012, 2014.

- **Proceedings, Brief Communications**

Tucci DL, Roush PA, Lawson DT, Wilson BS, Zerbi M: Modified percutaneous Nucleus cochlear implant: Surgical experience and speech recognition results. In S. Waltman and N Cohen (Eds.) Vth International Cochlear Implant Conference Proceedings, New York, New York, 2000.

Miller JM, Altschuler RA, Dupont J, Lesperance MM, **Tucci DL**: Consequences of deafness and electrical stimulation on the auditory system. In RJ Salvi, D Henderson, F Fiorino and V Colletti (Eds), Auditory System Plasticity and Regeneration, New York: Thieme Medical Publishers, Inc., pp. 378-391, 1996.

Kileny PR, Kemink JL, **Tucci DL**, Hoff JT: Neurophysiologic intraoperative facial and auditory function monitoring in acoustic neuroma surgery. In M Tos and J Thomsen (Eds) Acoustic Neuroma: Proceedings of the First International Conference on Acoustic Neuroma, Copenhagen, Denmark. Amsterdam: Kugler Publications, pp. 569-574, 1992.

Kemink JL, **Tucci DL**, Telian SA, Kileny PR, Hoff JT: Results of hearing conservation surgery for selected patients with acoustic neuroma. In M Tos and J Thomsen (Eds) Acoustic Neuroma: Proceedings of the First International Conference on Acoustic Neuroma, Copenhagen, Denmark. Amsterdam: Kugler Publications, pp. 543-547, 1992.

Kemink JL, **Tucci DL**, Telian SA, Graham MD: Near total and subtotal resection of acoustic neuroma. In M Tos and J Thomsen (Eds) Acoustic Neuroma: Proceedings of the First International Conference on Acoustic Neuroma, Copenhagen, Denmark. Amsterdam: Kugler Publications, pp. 697-700, 1992.

Tucci DL, Ruth RA, Lambert PR: Bone conduction transducers for use in ABR testing. Biennial International Evoked Response Audiometry Study Group, Charlottesville, VA, 1987.

Ruth RA, **Tucci DL**, Schoeny ZG, Johns ME: Electrocutaneous augmentation of the acoustically elicited middle ear reflex. In R Penha and P Pizarro (Eds) Proceedings of the Fourth International Symposium on Acoustic Impedance Measurements. Universidae Nova de Lisboa, 1981.

Ruth RA, **Tucci DL**, Schoeny ZG: Interactive effects of electrocutaneous and acoustic stimulation of the middle ear muscle reflex. J Acoust Soc Am 62: Suppl 1, 1979.

Tucci DL, Calder HB: Binaural frequency selectively measured with a central masking paradigm. J Acoust Soc Am 62: Suppl 1, 1977.

Abstracts and Presentations

** invited lecture or panelist

* mentored resident

- **Oral Presentations – National / International Meetings**

*Crowson MG, Schulz K, **Tucci DL**: Provider and patient drivers of otological antibiotic prescription variability. American Otological Society meeting, Boston MA, April 26, 2015.

Monfared A, Blevins N, Lalwani A, Lustig L, ****Tucci D**: Complications in Neurotology, Miniseminar scheduled for presentation at American Academy of Otolaryngology Head and Neck Surgery annual meeting, Orlando FL, September 23, 2014.

****Tucci DL**: Surgical techniques in cochlear implantation. Kenya ENT and PAFOS meeting, July 17, 2014.

****Tucci DL**, Din M, Ndegwa S, Cousins V, Hooker J: Diagnosis and management of the dizzy patient (panel, moderator), Kenya ENT and PAFOS meeting, July 17, 2014.

****Tucci DL:** Neonatal hearing screening in developing countries. Kenya ENT and PAFOS meeting, July 18, 2014

Ndegwa S, **Tucci DL:** Infrastructure for hearing health care in Kenya. Coalition for Global Hearing Healthcare Conference, Oxford England, July 25, 2014.

*Rocke DJ, **Tucci DL**, Marcus J, McClennen J, Kaylie DM: Osseointegrated implants for auricectomy and microtia defects: operative techniques and complication management. American Otological Society meeting, Las Vegas, NV, May 16, 2014.

*Keeler JA, Kahmke R, **Tucci DL**, Atkins H, Kaylie DM: Migraine associated vertigo: response to treatment. American Neurotology Society meeting, Las Vegas, NV, May 17, 2014.

****Tucci DL, Parnes LS:** Migrainous vertigo: pathophysiology, diagnosis and treatment. Panel organized with following speakers: DM Kaylie, BA Neff, MJ Ruckenstein, JP Carey. Triological Society Meeting, Las Vegas NV, May 16, 2014.

Wolever, R.Q., Dmitrieva, N., Price, R., Hazelton, G., Bechard, E., Walker, A., **Tucci, D:** Preliminary clinical trial of integrative therapy for patients with severe tinnitus: Findings from an NIDCD-funded R21. International Research Congress on Integrative Medicine and Health, Miami, FL., May 2014.

Price R, Wolever R, **Tucci DL:** Benefits of integrative therapy for treatment of severe tinnitus. American Auditory Society Annual Meeting, Scottsdale AZ, March 6, 2014.

Tucci DL: Impact of conductive hearing loss on development of auditory processing skills in children. Invited presentation and panel moderator (Pediatric Issues in Otolaryngology/Neurotology), American Neurotology Society meeting, Vancouver BC, September 28, 2013.

*Whited CW, Unrein SC, **Tucci DL**, Kaylie DM: Evaluation of preoperative hearing-in-noise protocol for osseointegrated hearing (Baha) implants. American Otological Society, Inc., 146th Annual Meeting, Orlando, FL, April 13, 2013.

****Tucci DL:** Structuring successful clinical trials in otology: a new approach is needed. , followed by panel discussion (moderator). Research Study Club of Los Angeles, January 16, 2009.

****Tucci, DL:** Neurotology for the general OHNS practitioner (moderated panel on diagnosis and treatment of vestibular disorders). Research Study Club of Los Angeles, January 16, 2009.

Meyer JJ, Wang Z, Wu QJ, Sampson JH, **Tucci DL**, Brizel DM, Yin FF, Kirkpatrick JP: Dosimetric impact of high-definition micro-multileaf collimator on radiosurgery treatment planning for vestibular schwannomas. Radiological Society of North America, December 2008.

Couch M, **Tucci DL:** Miniseminar: Resident Academic Bowl. American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, September 2007.

Hannley M, Witsell D, Stinnet S, **Tucci DL:** Treatment of tinnitus with gabapentin: A pilot study. American Neurotology Society Spring meeting, Chicago, IL., May 2006.

****Tucci DL:** Effects of Conductive Hearing Loss on Central Auditory System Function. Auditory Plasticity Meeting, Jackson Hole, WY, June 2006

Tucci DL: Principles and clinical application of auditory brainstem implant. International Symposium on Cerebellopontine Angle Lesions, Durham, NC., April 23, 2005.

*Chung A, **Tucci DL:** Transcondylar approach to glomus tumors and case series. International Symposium on Cerebellopontine Angle Lesions, Durham, NC, April 23, 2005.

****Tucci DL:** Sudden sensorineural hearing loss: Review of the literature and state of the art. American Neurotology Society Fall Meeting, Orlando, FL., September 20, 2003.

****Tucci DL:** Use of antivirals in treatment of sudden sensorineural hearing loss. American Academy Of Otolaryngology Head and Neck Surgery Annual Meeting., September 23, 2002.

Tucci DL, Farmer JC, Witsell DL: Treatment of sudden sensorineural hearing loss with systemic steroids and valacyclovir. American Otological Society Annual Meeting, Palm Desert, CA., May 12, 2001.

****Tucci DL,** Hall J: Effects of conductive hearing loss on auditory development. Featured Session, American Academy of Audiology 13th Annual Meeting, San Diego, CA., April 20, 2001.

Tucci DL, *Cook RD, *Hung TY, Miller RL, Smith DW: Effects of conductive hearing loss on auditory nerve activity. American Auditory Society Annual Meeting, Scottsdale, AZ, March 17, 2001.

Tucci DL, Cant NB, Durham D: Conductive hearing loss decreases activity in the central auditory system. American Auditory Society Annual Meeting, Scottsdale, AZ, April 8, 2000.

Tucci DL, Cant NB, Durham D: Conductive hearing loss results in a decrease in central auditory system activity in the gerbil. Triological Society Annual Spring Meeting, Palm Desert, CA (*Candidate's Thesis*), April 26, 1999.

****Tucci DL:** Radiological imaging for otologic disease. Featured Session, American Academy of Audiology 11th Annual Meeting, Miami, FL, April 30, 1999.

Tucci DL, *Hung T, Witsell D: Quality of life of individuals with auditory and vestibular disease. American Auditory Society Annual Meeting, Scottsdale, AZ., March 6, 1999.

****Lawson DT,** Wilson BS, Zerbi M, Roush P, van den Honert C, Finley C, **Tucci DL,** Farmer JC: Within-patient comparisons among processing strategies for cochlear implants. American Otological Society Annual Meeting, Scottsdale, AZ., May 10, 1997.

Tucci DL, Cant NB, Durham D: Changes in gerbil central auditory system metabolic activity measured by 2-deoxyglucose uptake following unilateral hearing loss. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 1997.

****Tucci DL:** Results of cochlear implantation. American Academy of Otolaryngology Head and Neck Surgery Subcommittee on Implantable Hearing Devices, Annual Meeting, Washington DC., September 30, 1996.

Tucci DL, Altschuler RA, Miller J: Effect of intercochlear electrical stimulation on central auditory system of the deafened rat. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 1995.

****Tucci DL**: Surgical correction of hearing loss. Presented as part of symposium presented by American Academy of Otolaryngology Head and Neck Surgery at the American Academy of Audiology Seventh Annual Meeting, Dallas, TX., March 30, 1995.

****Tucci DL**: Invited panelist: Otologic/Audiologic Training in the US: Developing a collaborative model. Sponsored by the American Academy of Otolaryngology Head and Neck Surgery at the American Academy of Audiology Seventh Annual Meeting, Dallas, TX., March 31, 1995.

Tucci DL, Altschuler RA, Miller J: Effects of unilateral electrical stimulation on central auditory system morphology in the deafened rat. Conference on Auditory Plasticity and Regeneration, Trento, Italy., May 1994.

****Tucci DL**: Auditory prostheses/Cochlear implant forum: Recent Advances. Presented as a seminar at the American Academy of Audiology Annual Meeting., April 1994.

Tucci DL, Telian SA, Kileny PR, Zimmerman-Philips S, Kemink JL: Cochlear implantation in children with cochlear malformations: The University of Michigan Cochlear Implant Program. Walter P. Work Society Meeting, Ann Arbor, MI., October 1993.

Tucci DL, Telian SA, Kileny PR, Hoff JT, Kemink JL: Stability of hearing preservation following acoustic neuroma surgery. American Neurotology Society Annual Spring Meeting, Los Angeles, CA., April 1993.

Tucci DL, Telian SA, Kileny PR, Zimmerman-Phillips S, Kemink JL: Cochlear implantation in children with cochlear malformation. Third International Cochlear Implant Conference, Innsbruck, Austria., April 1993.

Raphael Y, Wang Y, **Tucci DL**: Hair cell loss and regeneration in the avian basilar papilla after oval window disruption. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg, FL., February 1993.

Kemink JL, **Tucci DL** (presenter), Kileny PR, Telian SA, Hoff JT: Hearing preservation after acoustic neuroma surgery: Long term results. Walter P Work Society Meeting, Williamsburg, VA., September 1992.

Tucci DL, Lambert PR, Spindel JH, Ruth RA: Effects of electrical auditory nerve stimulation on deafness-related changes in first and second order neurons of the chick. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg, FL., February 1992.

Tucci DL, Lambert PR, Spindel JH, Ruth RA: Electrical intracochlear stimulation partially reverses changes in deafness in chick brain stem. Research Forum, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, Kansas City, MO., September 1991.

Girod DA, **Tucci DL**, Rubel EW: Anatomical correlates of functional recovery in the avian inner ear following aminoglycoside ototoxicity. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 1990.

Tucci DL, Rubel EW: Regenerated hair cells in the avian inner ear following aminoglycoside ototoxicity are functional. Research Forum, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, New Orleans, LA., September 1989.

Tucci DL, Lambert PR, Ruth RA: Trends in rehabilitation following cochlear implantation. American Neurotology Society Annual Spring Meeting, San Francisco, CA., April 1989.

Born D, **Tucci DL**, Rubel EW: Effects of monaural auditory deprivation on neurons in n. magnocellularis in the chicken. Association for Research in Otolaryngology Annual Midwinter Meeting, Clearwater Beach, FL., February 1988.

Tucci DL, Rubel EW: Effects of monaural auditory deprivation on neurons in n. magnocellularis in the chicken. Research Forum of the American Academy of Otolaryngology Head and Neck Surgery Annual Meeting. Las Vegas, NV., September 1984.

Ruth RA, **Tucci DL**, Schoeny ZG, Johns ME: Electrocutaneous augmentation of the acoustically elicited middle ear reflex. Fourth International Symposium on Acoustic Impedance Measurements, Lisbon, Portugal., September 1979.

Tucci DL, Ruth RA, Schoeny ZG: Sound field calibration: A suggested procedure. American Speech and Hearing Association, San Francisco, CA., November 1978.

Ruth RA, **Tucci DL**, Nilo ER: Effects of probe canal pressure and integrity of hermetic seal on acoustic reflex measurements. American Auditory Society Meeting, San Francisco, CA., November 1978.

- **Local/Regional Meetings, CME Courses, and Patient-Oriented Lectures**
(partial listing)

Tucci DL: Hearing Health – A Global Issue. 35th Annual Fitz-Hugh Symposium, Department of Otolaryngology Head and Neck Surgery, University of Virginia, June 18, 2011.

****Tucci DL**, Buchman CA: Cochlear Implants: Medical and Surgical Issues in Adults and Children. Focus on Hearing Conference, Chapel Hill, NC., September 2007.

Tucci DL: Effects of conductive hearing loss in children. North Carolina/ South Carolina Otolaryngology Society Annual Meeting, Asheville, NC., July 2006.

****Tucci DL**: Surgical aspects of cochlear implantation. Invited speaker for Beyond Hearing Aids: A Cochlear Implant Symposium. North Carolina Self Help for Hard of Hearing People (SHHH), Cary, NC., September 25, 2004.

****Tucci DL**: Advances in cochlear implantation; Evaluation and management of vestibular disease; Management of conductive hearing loss in childhood: Is aggressive treatment warranted? Summer Otolaryngology Update, Invited Guest Lecturer, Beaver Creek, CO., July 2004.

Tucci DL, Gates GA, Green D, Telian SA: Use of the Meniett device for treatment of Meniere's Disease. North Carolina/ South Carolina Otolaryngology Society Annual Meeting, Charleston, SC., July 18, 2003.

Tucci DL: Treatment of sudden sensorineural hearing loss with systemic steroids and an antiviral medication: A randomized trial. North Carolina/ South Carolina Otolaryngology Society Annual Meeting, Myrtle Beach, SC., July 28, 2001.

****Tucci DL**: Evaluation and treatment of sensorineural hearing loss in children. Invited CME lecture, Northeast Medical Center, Concord, NC., and invited presentation, Charlotte ENT Society, Charlotte, NC., March 16, 2000.

****Tucci DL**: Cochlear Implants: Consumer Panel. 12th International SHHH Convention, Phoenix, AZ., June 16, 1997.

****Tucci DL**: Evaluation and management of peripheral vestibular dysfunction. Otolaryngology Update, Sun Valley, ID, August 1996.

****Tucci DL**: Otitis media: Pathophysiology, treatment and complications; Radiographic imaging of otologic disease. Invited lectures, Massachusetts Speech-Language-Hearing Association Meeting, Boston, MA., May 1996.

****Tucci DL**: Diagnosis and treatment of vestibular dysfunction, Invited CME lecture, Galax Hospital, Galax, VA., September 1995.

****Tucci DL**: History of cochlear implants. James Madison University Department of Audiology and Speech Pathology, Harrisonburg, VA., December 1994.

****Tucci DL**: Sensorineural hearing loss in children. Otolaryngology Update, Sun Valley, ID., July 1993.

Tucci DL, Huhn JR, Lambert PR: Lymphoma of the temporal bone. Virginia Society of Otolaryngology, Head and Neck Surgery. Alexandria, VA., April 1990.

Tucci DL, Ruth RA, Schoeny ZG: Critical review of sound field calibration. Short course, Speech and Hearing Association of Virginia, Williamsburg, VA., April 1979.

- **Posters: National / International Meetings**

Schulz K, Witsell D, **Tucci D**: Proof of concept: Efficient and expedient deployment of a community-based research network for collecting grant pilot data in tinnitus and dizziness. Association for Research in Otolaryngology Annual Midwinter Meeting, Baltimore, MD, February 20, 2011.

*Wang PK, *Anderson AK, *Duran SI, *Brown PR, Throckmorton CS, **Tucci DL**, Collins LM: Cooperating speech processing strategy and pitch mismatch in bilateral cochlear implants: Predications from an acoustic model. Association for Research in Otolaryngology Annual Midwinter Meeting, Anaheim, CA, February 6, 2010.

*Kolia NR, *Brown PR, *Stohl JS, **Tucci DL**, Collins LM: Using acoustic models to predict sound localization performance of bilateral cochlear implant users. Association for Research in Otolaryngology Annual Midwinter Meeting, Baltimore, MD., February 2009.

Koehler S, **Tucci DL**, Shore S: Ventral cochlear nucleus responses to contralateral sound are mediated by CN-commissural and olivocochlear pathways. Association for Research in Otolaryngology Annual Midwinter Meeting, Denver, CO., February 12, 2007.

Hutson K, Durham D, Imig T, **Tucci D**: Unilateral conductive hearing loss results in disparate changes in neuronal activity in inferior colliculus and auditory cortex. Association for Research in Otolaryngology Annual Midwinter Meeting, Baltimore, MD., February 8, 2006.

Tucci DL, Halsey K, Dolan D, Shore S: Contralateral excitation of cochlear nucleus neurons following conductive impairment may involve olivocochlear pathways. Association for Research in Otolaryngology Annual Midwinter Meeting, Baltimore, MD., February 5, 2006.

Hutson K, Durham D, **Tucci D**: Protein synthesis in central auditory system nuclei following conductive hearing loss. Association for Research in Otolaryngology Annual Midwinter Meeting, New Orleans, LA., February 24, 2005.

Gates GA, Green D, **Tucci DL**, Telian SA: Intermittent transtympanic micropressure applications control the symptoms of Meniere's Disease. Association for Research in Otolaryngology Annual Midwinter Meeting, Daytona Beach, FL., February 25, 2002.

Sumner C, **Tucci DL**, Shore SA: Effects of conductive hearing loss on unit responses in the ventral cochlear nucleus. Association for Research in Otolaryngology Annual Midwinter Meeting, Daytona Beach, FL., February 23, 2002.

*Cook RD, *Hung TY, Miller RL, Smith DW, **Tucci DL**: Effects of conductive hearing loss on ensemble background activity of the auditory nerve. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 7, 2001.

*Gottlieb MBC, Miller RL, Smith DW, **Tucci DL**: Effects of pharmacological de-afferentation on auditory nerve activity in gerbils. Poster #R0022, American Academy of Otolaryngology Head and Neck Surgery Annual Meeting, Denver, CO., September 2001.

Tucci DL, Cant NB, Fubara B, Durham D: Effects of conductive hearing loss on metabolic activity in the central auditory system of gerbils: A 2-deoxyglucose study. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 24, 2000.

Tucci DL, Cant NB, Fubara B, Durham D: Changes in cytochrome oxidase in the central auditory system of gerbils following hearing loss. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 24, 2000.

Norton SJ, **Tucci DL**, Rubel EW: Comparison of acoustic and neural responses from avian ears following gentamicin. Association for Research in Otolaryngology Annual Midwinter Meeting, St. Petersburg Beach, FL., February 1990.

Tucci DL, Ruth RA, Lambert PR, Spak C, Kileny PR: Bone conduction evoked response testing in evaluation of cochlear reserve. American Speech Language and Hearing Association Meeting, Seattle, WA., November 1990.

Tucci DL, Ruth RA, Lambert PR: Use of the bone conduction stimulus ABR wave I response in determination of cochlear reserve. Association for Research in Otolaryngology Annual Midwinter Meeting, Clearwater Beach, FL., February 1988.