

GEORGE THOMAS HASHISAKI, M. D.
CURRICULUM VITAE

CURRENT ADDRESS

Office: University of Virginia Medical Center
Department of Otolaryngology-Head and Neck Surgery
P.O. Box 800713
Charlottesville, VA 22908-0713
434-924-2040
FAX: 434-982-3965
gth5x@uvahealth.org

PERSONAL DATA

Place of Birth: Missoula, Montana
Citizenship U.S.A.

EDUCATION

Fellowship	Otology and Neurotology University of Virginia Health Sciences Center Charlottesville, Virginia Program Director, Paul R. Lambert, M.D.	1988-1989
Residency	Otolaryngology-Head and Neck Surgery University of Virginia Medical Center Charlottesville, Virginia Program Director, Robert W. Cantrell, M.D.	1983-1988
	General Surgery Los Angeles County Harbor-U.C.L.A. Medical Center Torrance, California Program Director, Samuel E. Wilson, M.D.	1982-1983
	Medicine Los Angeles County Harbor-U.C.L.A. Medical Center Torrance, California	1981-1982
Medical School	University of Washington Seattle, Washington	1977-1981
College	B.A., Chemistry	1973-1977

University of Washington
Seattle, Washington

ACADEMIC APPOINTMENTS

Associate Professor 2005-present
Department of Otolaryngology-Head and Neck Surgery
University of Virginia Health System
Charlottesville, Virginia

Assistant Professor 1994-2005
Department of Otolaryngology-Head and Neck Surgery
University of Virginia Medical Center
Charlottesville, Virginia

Assistant Professor-in Residence 1992-1994
Department of Otolaryngology-Head and Neck Surgery
University of California, Irvine
Irvine, California

Assistant Adjunct Professor 1989-1992
Department of Otolaryngology-Head and Neck Surgery
University of California, Irvine
Irvine, California

OTHER PROFESSIONAL EXPERIENCE

Post-doctoral Research Fellow 1985-1986
Departments of Otolaryngology-HNS and Neuroscience
University of Virginia Medical Center
Charlottesville, Virginia

American Cancer Society Clinical Fellow 1987-1988
University of Virginia Medical Center
Charlottesville, Virginia

Member, Clinical Staff 1989-1994
Veterans Affairs Medical Center
Long Beach, California

Member, Clinical Staff 1989-1994
University of California at Irvine Medical Center
Orange, California

Member, Clinical Staff 1994-present
University of Virginia Health System
Charlottesville, Virginia

Co-director, CSS Hearing Impairment Clinic University of Virginia Health System Charlottesville, Virginia	1994-1997
Director, CSS Hearing Impairment Clinic University of Virginia Health System Charlottesville, Virginia	1997-2003
Medical Director Virginia Lion's Hearing Foundation Charlottesville, Virginia	1999-2021
Member, Medical Board Virginia Lion's Hearing Foundation Charlottesville, Virginia	1994-2021

CERTIFICATION

Diplomate: American Board of Otolaryngology-Head and Neck Surgery, October, 1988

Certificate of Add Qualifications in Neurotology, American Board of Otolaryngology-Head and Neck Surgery, April, 2004

PROFESSIONAL SOCIETIES

American Academy of Otolaryngology – Head and Neck Surgery, Fellow	1988
American College of Surgeons, Fellow	1997
American Neurotology Society, Fellow	1990
American Otological Society, Fellow	2006
Association for Research in Otolaryngology, Member	1986
Deafness Research Foundation, Member	1989
Society of University Otolaryngologists, Member	1989
Triological Society, Member	2005
Virginia Society of Otolaryngology – Head and Neck Surgery, Member	1994

HONORS AND AWARDS

Phi Beta Kappa
University of Washington, 1977

Medical Research and Education Society Award
University of California, Irvine Health Sciences, 1990

American Academy of Otolaryngology-Head and Neck Surgery
Honor Award, 1999

American Board of Otolaryngology-Head and Neck Surgery

Guest Examiner, Oral Board Examination, 1994, 1995, 1997, 2000, 2001

American Board of Otolaryngology-Head and Neck Surgery
Senior Examiner, Oral Board Examination, 2009, 2010, 2011, 2012, 2013

American Board of Otolaryngology-Head and Neck Surgery
Examiner, Inaugural Neurotology Oral Board Examination, 2004

American Board of Otolaryngology-Head and Neck Surgery
Examiner, Neurotology Oral Board Examination, 2005, 2006, 2008, 2011, 2012, 2020

Strathmore's Who's Who, 2000-2001

Best Doctors in Virginia, 2002

International Health Professional of the Year, International Biographical Centre,
Cambridge, England, 2004

Best Doctors in America, 2004, 2005, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014,
2015

Honorable Mention for Clinical Research, Candidate's Thesis, Triological Society, May,
2005

American Otologic Society, Presidential Citation Award, April, 2013

Otology and Neurotology, Journal Editorial Board, 2015 to present

TEACHING RESPONSIBILITIES

Fellowship Training Program—Otology and Neurotology

May Y. Huang, M.D. (University of Michigan), 1994-1995
Present Position: Seattle, WA

Edward Dodson, M.D. (University of Virginia), 1994-1996
Present Position: Associate Professor of Otolaryngology–Head and Neck Surgery
Ohio State University, Columbus, OH

H. Jeff Kim, M.D. (Baylor University) 1996-1997
Present Position: Associate Professor of Otolaryngology-Head and Neck Surgery
Georgetown University, Washington, DC

John C. Mason, M.D. (University of Virginia) 1997-1999
Present Position: Charlottesville, VA

Mark Witte, M.D. (Mayo Clinic) 1998-2000
Present Position: Brainerd, MN

Brian McKinnon, M.D. <i>Present Position:</i>	(Norfolk Naval Hospital) 2000-2002 Drexel University Philadelphia PA 19107
R. Sean Miller, M.D. <i>Present Position:</i>	(University of Cincinnati) 2004-2006 Ponte Vedra, FL
Matthew Carfrae, M.D. <i>Present Position:</i>	(Albany Medical College) 2006-2008 Des Moines, IA
Eric Oliver, M.D. <i>Present Position:</i>	(Medical University of South Carolina) 2009-2011 Carillion Medical Center Roanoke, VA
Brian Nicholas, MD <i>Present Position:</i>	(Jefferson Medical Center) 2011-2013 State University of New York – Upstate Syracuse, NY
Jeffrey Yu, MD <i>Present Position:</i>	(University of Edmonton, Canada) 2013-2015 University of Illinois – Chicago Chicago, IL
Douglas Ruhl, MD <i>Present Position:</i>	(Tripler Army Base) 2015-2017 Madigan Hospital, Fort Lewis, WA
Terence Imbery, MD <i>Present Position:</i>	(State University of New York – Upstate) 2017-2019 University of Chicago Chicago, IL
Geoffrey Casazza, MD <i>Present Position:</i>	(University of Utah) 2019-2021 University of Nebraska Omaha, NE
Daniel Morrison, MD <i>Present Position:</i>	(University of Alabama, Birmingham) 2021-2023 Charlotte, NC

Doctoral Dissertation Committee

Anne McGrath De Michele, Ph.D.
Department of Education (Audiology), 2001-2003

Lorin Bobsin, Ph.D.
Department of Education (Speech Language Pathology),

Departmental, University of Virginia

Director, Otology/Neurotology Fellowship, ACGME-approved

Supervision of medical students, Otolaryngology residents, Family Medicine residents, Audiology students
Temporal Bone Dissection lab, Otolaryngology residents and Otology/Neurotology fellow
Director, Temporal Bone Dissection CME Course, 1999-present
Coordinator, Otology section, Residency curriculum
Audiology doctoral students

Medical School, University of Virginia

MS 1, Human Anatomy, Ear, 1995-2005
MS 1, Neurosciences, "Auditory Disorders", 1995-present
MS 1, Neurosciences, "Vestibular Disorders," 1995-2014
MS 3, Surgery Clerkship Lectures, 1994 to 2001

BINS 813, "Translational topics in the auditory and vestibular systems", 2007-2015

Curry School of Education, University of Virginia

EDHS 508, "Clinical Auditory System Disorders," 2005-2013

Departmental, U.C. Irvine

Co-director, Temporal Bone Dissection, 1993-1994
Director, Temporal Bone Dissection Course, 1991-1993
Co-Director, Temporal Bone Dissection Course, 1989-1991
Director, Research Symposium, 1989
Director, Otology and Audiology Conference, 1989-1991
Co-director, Southern California Otolaryngology Basic Science Symposium, 1993

Medical School, U.C. Irvine

Gross Anatomy, Head and Neck, Proctor, 1989-1994
Gross Anatomy, Head and Neck, Lecturer, 1992-1994
Introduction to the Clerkships, Lecturer, "Tuning Fork Evaluation of Hearing", April, 1990
Introduction to the Clerkships Lecturer, "Otology", April, 1991-1993
Examination of the Patient, Preceptor, 1990-1994
Surgery Research Clerkship, Preceptor, 1990

COMMITTEES AND COUNCILS

Department, University of Virginia

Member, Resident Research Committee, 1994-present
Chair, Quality Improvement Committee, 1995-2012

Department, University of California, Irvine

Chair, Resident Research Committee, 1989-1994
Member, Department Research Committee, 1989-1994
Member, Academic Promotions Committee, 1990-1994

Medical School, University of Virginia

Member, Quality Improvement Committee, 1994-1999
Member, Health Evaluation Services Committee, 1996-2000

Member, Outpatient Operating Room Subcommittee, 2017-present

Medical School, University of California, Irvine

Member, Human Subjects Review Committee-Medical, 1990-1994

Member, Medical School Admissions Interview Committee, 1990-1994

Member, U.C. Irvine Medical Center Medical Records Committee, 1992-1994

Member, U.C. Irvine Otolaryngology Chair Search Committee, 1993

University of Virginia

Member, General Faculty Council, 2002-2004

Member, Outpatient Surgery Sub-Committee, 2012-2020

University of California, Irvine

Member, College of Medicine, Academic Senate, 1993-1994

Member, College of Medicine, Representative Assembly, 1993-1994

State

Virginia Society of Otolaryngology-Head and Neck Surgery

President, 2005

Vice-President, 2004

Secretary-Treasurer, 2003

Board Member, At-Large, 2001-2003

Medical Society of Virginia

Delegate, Annual Meeting, Norfolk, Virginia, 2003

Delegate, Annual Meeting, Arlington, Virginia, 2004

National

American Academy of Otolaryngology-Head and Neck Surgery

Task Force on New Materials, 1990-1993

Committee on Skull Base Surgery, 1991-1994

Committee on Facial Nerve Disorders, 1992-1995

Home Study Course Faculty, 1992-1998

Co-chair, Section 5, Home Study Course Faculty, 1997-1998

Guidelines Task Force Committee, 2014-present

American Board of Otolaryngology

Task Force on New Materials, 1990-1993

Society of University Otolaryngologists

Membership Committee, 1991-1997

Public Relations Committee, 1997-2002

American Neurotology Society

Bylaws Committee, 2018-present

Implantable Hearing Devices Committee, 2002-present

Executive Council, 2010-2014
2005 Annual Meeting Scientific Program Committee
2012 Annual Meeting Scientific Program Committee
Triological Society
2016 Combined Sections Meeting Program Committee
American Otological Society
Representative, Guidelines Task Force Committee, AAO-HNS, 2016-present

RESEARCH INTERESTS

Morphologic and physiologic evaluation of auditory nerve regeneration using in vitro organotypic and tissue slice culture techniques.

Funding

NIH/NIDCD Clinical Investigator Development Award. “The nature of auditory nerve regeneration.” PHS DC-00051-01, \$418,115.00, April 1991-June, 1994
Principal Investigator

American Otological Society Research Fellowship. Wong, BJB, Laser interactions with the temporal bone, U.C. Irvine and Beckman Laser Institute, \$38,000, 1993-1994
G.T. Hashisaki – preceptor

American Otological Society Research Fellowship. Kesser BW, “Time course of hearing loss in an animal model of pneumococcal meningitis, \$39,000, University of Virginia, July, 1996-June 1998
G.T. Hashisaki - preceptor

INVITED SPEAKER

International

Hitselberger Lecture, Fall Meeting, American Neurotology Society, “Stereotactic Radiosurgery for Vestibular Schwannoma”, San Francisco, CA, September, 2012.

13th Korea Japan Combined Otolaryngology Meeting, “Management Decisions for Vestibular Schwannoma”, Seoul, Korea, September, 2010.

Invited Faculty, 9th International Symposium on Cochlear Implants in Children, Washington, D.C., April 23-26, 2003.

National and Regional

National Naval Medical Center, Bethesda, MD. “Surgery for Chronic Otitis Media”, March, 1989.

National Naval Medical Center, Bethesda, MD. “Strategies for Cochlear Implantation”, March, 1989.

Temporal Bone Dissection Course, University of Virginia Medical Center, Paul R. Lambert, Director, October, 1992.

Temporal Bone Dissection Course, Guest of Honor, University of Michigan, Ann Arbor, MI, October, 1992.

Western Assembly Meeting, California Medical Association, Anaheim, CA, "Surgical Management of Otitis Media", February, 1993.

Family Practice Refresher Course, Newport Beach, CA, University of California, Irvine, Department of Family Medicine, "Otitis Media Update", June, 1993.

Fitz-Hugh Symposium, "Auricular Wooden Nickels", Department of Otolaryngology-Head and Neck Surgery, University of Virginia, Charlottesville, VA, June, 1994.

34th Annual Armed Forces Institute of Pathology Basic Science Course in Otolaryngology-Head and Neck Surgery. "Congenital Aural Atresia" and "Acute Facial Paralysis", AFIP, Bethesda, MD, March, 1996.

Fitz-Hugh Symposium, Department of Otolaryngology-Head and Neck Surgery, University of Virginia, "New Antivirals for Facial Paralysis", June, 1996.

Temporal Bone Dissection Course, Guest of Honor, University of Michigan, Ann Arbor, Michigan. Steven Telian, M.D., Director, September, 1996.

Symposium--The Team Approach to Cleft and Craniofacial Anomalies: Recommended Parameters of Care, "Otologic issues and the craniofacial patient", Williamsburg, VA, October, 1996.

35th Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 12, 1997.

36th Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 13, 1998.

37th Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 15, 1999.

38th Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 13, 2000.

Auditory Communication Workshop, "Cochlear Implants--Surgical Considerations", Department of Otolaryngology, University of Virginia School of Medicine, May 9, 2000.

Audiology Conference 2000, "Tinnitus: Medical Evaluation and Management", Department of Otolaryngology, University of Virginia School of Medicine, June 15, 2000.

24th Annual Fitz-Hugh Symposium, "Congenital Abnormalities of the Middle Ear", Department of Otolaryngology, University of Virginia School of Medicine, June 15, 2000.

Audiology Conference 2000, "Cochlear Implants: Surgical Issues", Department of Otolaryngology, University of Virginia School of Medicine, June 16, 2000.

39th Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 20, 2001.

Innovations in Clinical Communications Sciences 2001, "Cochlear Implants: Issues in Management", James Madison University, Harrisonburg, VA, March 30, 2001.

40th Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 21, 2002.

41st Annual Armed Forces Institute of Pathology Otolaryngology Basic Sciences Course, "Surgery for Congenital Aural Atresia," and "Facial Paralysis", USHS, Bethesda, MD, March 21, 2003

Visiting Professor, Grand Rounds, "Tinnitus" and "Case Presentations With Residents", Department of Otolaryngology, Duke University, Durham, NC, March 31, 2003.

Innovations in Clinical Communications Sciences 2003, "Cochlear Implants: Past, Present, and Future", James Madison University, Harrisonburg, VA, October, 2003.

Visiting Professor, Grand Rounds, "Cochlear Implant Update", Department of Otolaryngology-Head and Neck Surgery, Georgetown University, Washington DC, January 14-15, 2004.

Metro ENT Society, "Vestibular Schwannoma," Washington DC, January 15, 2004.

28th Annual Fitz-Hugh Symposium, "Problems in Ossicular Chain Reconstruction", University of Virginia, Charlottesville, VA, June 3, 2004.

Innovations in Clinical Communications Sciences 2004, "Meniere's Disease", James Madison University, Harrisonburg, VA, October 15, 2004.

Northwest Academy of Otolaryngology, Annual Meeting, "Problems in Ossicular Reconstruction," "Tinnitus," and "What's New in Otological Therapy." Whistler, British Columbia, Canada, January 15-17, 2005.

MG Paul H. Streit Seminar, "Congenital Hearing Loss," and "Congenital Aural Atresia," Bethesda, MD, March 12, 2005.

29th Sisson International Workshop, "Chronic Ear Disease", Vail, CO, February 7, 2007.

30th Sisson International Workshop, "Vertigo and Meniere's Disease" and "Contemporary Issues in Sensorineural Hearing Loss", Vail, CO, February 11-12, 2008.

31st Sisson International Workshop, "Contemporary Issues in Sensorineural Hearing Loss" and "Dizziness", Vail, CO, February 9-10, 2009.

33rd Annual Fitz-Hugh Symposium, “Cochlear Implantation: Selection and Outcomes”, University of Virginia, Charlottesville, VA, June 12, 2009.

Innovations in Clinical Communications Sciences 2009, “Tinnitus-Medical Management and Treatment”, James Madison University, Harrisonburg, VA, October 3, 2009.

Combined Sections Meeting, Triological Society, “Ossicular Chain Reconstruction”, Miami Beach, FL, January 26, 2012.

36th Annual Fitz-Hugh Symposium, “Tympanoplasty Pearls”, University of Virginia, Charlottesville, VA, June 16, 2012.

Combined Sections Meeting, Triological Society, “Tinnitus”, panel moderator, Scottsdale, AZ, January 25, 2013.

35th Sisson International Workshop, “Facial Paralysis”, Vail, CO, February 5, 2013.

Magnolia Conference, “Cochlear Implant Complications”, “Intratympanic Therapy for Meniere’s Disease”, “Facial Nerve Paralysis”, Charleston, SC, May 30-June 1, 2013.

37th Sisson International Workshop, “Chronic Ear Disease”, “Acoustic Neuroma”, Vail, CO, February 1-2, 2015.

Combined Sections Meeting, Triological Society, “What’s That Noise I’m Hearing”, panel moderator, Palm Beach, FL, January 22, 2016.

38th Sisson International Workshop, “Lightning Round”, Vail CO, February 9, 2016.

40th Sisson International Workshop, “Modern diagnosis and treatment of vertiginous syndromes“, Vail, CO, February 4, 2018.

41st Sisson International Workshop, “Vestibular schwannoma”, Vail, CO, February 3, 2019.

43rd Annual Fitz-Hugh Symposium, “Cochlear implant update”, University of Virginia, Charlottesville, VA, June 21, 2019.

42nd Sisson International Workshop, “New concepts in chronic ear disease”, Vail, CO, February 4, 2020

45rd Vanderbilt Sisson International Workshop, “Controversies in otology”, Vail, CO, February 6, 2023

State

Tidewater Otolaryngology Society, “Sudden Sensorineural Hearing Loss”, Newport News, VA, October, 1994.

Grand Rounds, Riverside Regional Medical Center, Newport News, VA, “Hearing Loss in the Adult,” July, 1996.

Elbyrne G. Gill Lecture, "Evaluation and Treatment of Sudden Sensorineural Hearing Loss," Carilion Otolaryngology/Ophthalmology Symposium, Hotel Roanoke Conference Center, Roanoke VA, September, 1998.

"Complications of Chronic Otitis Media" and "Medical and Surgical Management of Meniere's Syndrome, Carilion Otolaryngology/Ophthalmology Symposium, Hotel Roanoke and Conference Center, Roanoke VA, September 26, 1998.

Speech and Hearing Association of Virginia, "Cochlear Implants: surgical update," Richmond VA, March 22, 2003.

Pediatric Grand Rounds, Carilion Regional Medical Center, "Otitis Externa," Roanoke VA, May 22, 2003.

Lion's Clubs of Virginia, 80th Annual Meeting, "Hearing and Hearing Loss," Bristol, VA, May 17, 2008.

Grand Rounds, Riverside Regional Medical Center, Newport News, VA, "Dizziness and Syncope," August 21, 2008.

Virginia Society of Otolaryngology, Annual Meeting, "Evaluation and management of the dizzy patient," Hot Springs VA, May 1, 2009.

Virginia Society of Otolaryngology, Annual Meeting, "Hearing Rehabilitation", Alexandria VA, May 20, 2012.

Virginia Society of Otolaryngology, Annual Meeting, "Managing the Dizzy Patient", Virginia Beach VA, May 18, 2013.

Virginia Society of Otolaryngology, Annual Meeting, "Complications in Chronic Ear Surgery", Wintergreen, VA, May 29, 2015.

Virginia Society of Otolaryngology, Annual Meeting, "Advances in Hearing Rehabilitation", Tyson Corner, VA, June 3, 2016.

Virginia Society of Otolaryngology, Annual Meeting, "Advances in Cochlear Implantation, Alexandria, VA, April 13, 2019.

University

Department of Physical Medicine and Rehabilitation Grand Rounds, "Vertigo," University of Virginia, Charlottesville, October, 1996.

Department of Neurology Grand Rounds, "Dizziness," University of Virginia, Charlottesville, August, 2002.

PRESENTATIONS

Hashisaki GT, Lambert PR: Metastatic lesions to the cerebellopontine angle. Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, LA, September, 1989.

Hashisaki GT: Sudden sensorineural hearing loss. Annual Meeting, Department of Otolaryngology-Head and Neck Surgery, Anaheim, CA, May 1990.

Waki E, Hashisaki GT, Jackson CA, Crumley RL: Delayed facial nerve paralysis in temporal bone fractures. Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Diego, CA, September, 1990.

Hashisaki GT: Congenital and hereditary hearing loss syndromes. Symposium on Congenital Hearing Loss, U.C. Irvine, November, 1990.

Hashisaki GT: Facial nerve. Southern California Otolaryngology Basic Sciences Symposium, U.C. Irvine, August, 1993.

Wong BJF, Neev J, Lee JP, Hashisaki GT, Berns MW: Thermal characteristics of CO₂, argon, and KTP (Nd:YAG) ablated bone. 1995 International Symposium on Lasers and Applications, San Jose, CA, February, 1995.

Kesser BW, Hashisaki GT, Spindel JH, Ruth RA, Scheld WM. An animal model of meningogenic hearing loss and histologic correlates. Virginia Society of Otolaryngology, Hot Springs, VA. April 1996.

Kesser BW, Hashisaki GT, Spindel JH, Ruth RA, Scheld WM. Animal model for meningogenic hearing loss. 36th Interscience Conference on Antimicrobial Agents and Chemotherapy, New Orleans, LA. September 1996.

Kil J, Hanigan MH, Taylor PT, Hashisaki GT: Localization of gamma-glutamyl transpeptidase in the chick inner ear sensory epithelia. Annual Meeting, Society of Neuroscience, Washington, DC, November, 1996.

Kil J, Hashisaki GT, Rubel EW: Protection from aminoglycoside ototoxicity by acivicin in inhibition of GGT activity. Twentieth Mid-Winter Meeting, Association for Research in Otolaryngology, St. Petersburg Beach, FL, February, 1997.

Kesser B, Hashisaki GT, Spindel JH, Ruth RA, and Scheld WM: Time course of hearing loss in an animal model of pneumococcal meningitis. Research Forum, Annual Meeting, AAO-HNS, San Francisco, CA, September, 1997.

Hood RJ, Spindel JH, Kesser BW, Hashisaki GT, Scheld WM, and Ruth RA: Frequency specific auditory brainstem response in a rat model of pneumococcal meningitis. Mid-winter Meeting, Association for Research in Otolaryngology, St. Petersburg Beach, FL, February, 1998.

Mason JC, Ruth RA, Hashisaki GT, Lambert PR, "Clarion Cochlear Implantation: The University of Virginia Experience." Virginia Society of Otolaryngology-Head and Neck Surgery, Annual Meeting, VA, April, 1998.

Dorofi D, Mason JC, Hashisaki GT, "Adenomatous Lesions of the Temporal Bone." Virginia Society of Otolaryngology-Head and Neck Surgery, Annual Meeting, Homestead, VA, April, 1999.

Kesser B, Lim J, Hashisaki, GT: Intracranial complications of chronic otitis media. Southern Section Meeting, Triologic Society, New Orleans, January, 1999.

Chi D, Mason JC, Zapanta P, Hashisaki GT, "The Efficacy of Diagnostic Studies in Pediatric Sensorineural Hearing Loss." Southern Section Meeting, Triologic Society, St. Petersburg Beach, FL, January, 2000.

Noordzij JP, Mason JC, Harrison SE, Hashisaki GT, Reibel JF, Gross CW, "Pitfalls in the Endoscopic Drainage of Subperiosteal Orbital Abscesses Secondary to Sinusitis." Southern Section Meeting, Triologic Society, St. Petersburg Beach, FL, January, 2000.

Mason JC, Hairston J, Blincoe C, Hashisaki GT, Spindel JA, de Michele A, Lambert PR, Ruth RA, "Preoperative Promontory Stimulation Evaluation of the Pediatric Cochlear Implant Candidate." CI 2000 Meeting, Miami, FL, February 3-5, 2000.

Mason JC, Hairston J, Blincoe C, Hashisaki GT, de Michele A, Lambert PR, Ruth RA, "Preoperative Promontory Stimulation Evaluation of the Adult Cochlear Implant Candidate." CI 2000 Meeting, Miami, FL, February 3-5, 2000.

Blincoe CA, Ruth RA, Lambert PR, Hashisaki GT, and Mason JC, "Cochlear Implantation in an Adult with Evidence of Auditory Neuropathy." Sixth International Cochlear Implant Conference, Miami, FL, February, 2000.

Gerber MT, Mason JC, Scheld MC, Hashisaki GT, "Histopathologic Time Course of Meningogenic Hearing Loss, Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Washington DC, September 25, 2000.

Davis DG, Mason JC, Spindel JH, Ruth RA, Scheld MC, Hashisaki GT, "Hearing Preservation in Meningitic Rats," Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Washington DC, September 25, 2000.

Gerber M, Mason JC, Hashisaki GT, Ruth RA, Scheld WM, "A Time Course Comparison Bacterial Concentration and Histopathologic Changes with Hearing Loss in Meningitic Rats," Southern Section Meeting, Triological Society, Marco Island, FL, January 12, 2001.

Zapanta P, Mason JC, Spindel J, Hashisaki GT, "Risk Factors for Recalcitrant BPPV." Southern Section Meeting, Triological Society, Marco Island, FL, January 12, 2001.

Mason JC, de Michele A, Blincoe CA, Ruth RA, Hashisaki GT. "The Role of Promontory Stimulation in the Evaluation of the Pediatric Cochlear Implant Candidate." Cochlear Implants 2001, Los Angeles, CA, March, 2001.

Hashisaki GT, "Cochlear Implants: Issues in Management," Innovations in Clinical Communications Sciences 2001, James Madison University, Harrisonburg, VA, March 30, 2001.

Mason J, Blincoe C, de Michele A, Ruth R, Hashisaki GT. "Pediatric Cochlear Implantation." Virginia Society of Otolaryngology-Head and Neck Surgery, Norfolk, VA, May, 2001.

McKinnon B, Hashisaki GT, Mason JC, "Geriatric Cochlear Implantation." Virginia Society of Otolaryngology-Head and Neck Surgery, Norfolk, VA, May, 2001.

Hashisaki GT, Phillips CD, Jahrsdoerfer RA, "Arterial Malformations of the Temporal Bone." Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Denver, CO, September 10, 2001.

Mason JC, de Michele A, Stevens C, Ruth RA, Hashisaki GT, "Cochlear Implantation in Patients with Auditory Neuropathy of Varied Etiologies," Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Richmond, VA, April 26, 2002.

McKinnon BJ, Hashisaki GT, "Humanitarian Medical Missions in Otolaryngology: a Report from Southwest Virginia," Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Richmond, VA, April 26, 2002.

McKinnon BJ, Hashisaki GT, "Usefulness of Telemedicine in an Academic Otolaryngology Practice." Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Richmond, VA, April 26, 2002.

Strasnick B, Hashisaki GT, Lassen LF, "Panel: Controversies in Otology," Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Richmond, VA, April 26, 2002.

Hashisaki GT, Dodson E, Bastista R, Garish L, Packer G, McKinnon BJ, Lambert PR, "Miniseminar: Humanitarian Mission: A Nuts and Bolts Approach," Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Diego, CA, September 23, 2002.

McKinnon BJ, Hashisaki GT, "Usefulness of Telemedicine in an Academic Otolaryngology Practice." Southern Section Meeting, Triological Society, Naples, FL, January 9-11, 2003.

Mason JC, Hashisaki GT, "Intratympanic Steroid Therapy: Indications, Technique and Outcomes," Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Alexandria, VA, May 9, 2003.

de Alarcon A, Hashisaki GT, Early SV, Mason JC, "Facial Nerve Schwannoma: Three Distinct Presentations," Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Alexandria, VA, May 10, 2003.

de Alarcon A, Mason JC, Hashisaki GT, "Cochlear Implantation in the Abnormal Temporal Bone," Southern Section Meeting, Triological Society, San Marco Island, FL, January 9-10, 2004.

Hashisaki GT, de Alarcon A, "Cochlear implant complications," Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, New York, NY, September 21, 2004.

Hashisaki GT, "Bacterial meningitis: implications for sensorineural hearing loss," Combined Otolaryngology Society Meeting, Triologic Society, Boca Raton, FL, May 13, 2005.

Hashisaki GT, “Cochlear implant evaluation and follow up: University of Virginia System approach,” Annual Meeting, Self-Help for Hard of Hearing, Washington, DC, July 3, 2005.

Miller RS, Kesser BW, Hashisaki GT, “Image guided localization of the internal auditory canal through the middle fossa approach,” Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Los Angeles, CA, September 26, 2005.

de Alarcon A, Colclasure JC, Phillips CD, Kesser BW, Hashisaki GT, “Presentation and management of facial nerve schwannomas,” Southern Section Meeting, Triological Society, Naples, FL, January 13, 2006.

Miller RS, Jahrsdoerfer RA, Hashisaki GT, Kesser BW, “Diagnosis and management of salivary fistula after surgery for congenital aural atresia,” Annual Meeting, Virginia Society of Otolaryngology-Head and Neck Surgery, Charlottesville, VA, April 29, 2006.

Hashisaki GT, Kesser BW, Gardner A, DeMichele A, Grove L, Bobsin L, Ruth RA, “Utility of Electrical ABR Testing.” 11th International Conference on Cochlear Implants in Children, Charlotte, NC, April 13, 2007.

Hashisaki, GT, “Sudden Hearing Loss”, Miniseminar: Neurotologic Emergencies, Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Vancouver, BC, Canada, October 1, 2013.

Barrett DM, Schoeff SS, Nicholas BD, Kesser BW, Hashisaki GT, “Size of superior semicircular canal dehiscence as a predictor of clinical symptoms”, poster presentation S82, Combined Section Meeting, Triological Society, Miami, FL, January 11, 2014.

BIBLIOGRAPHY

1. **Hashisaki GT**, Johns ME, Cocaine in otolaryngologic anesthesia. *Contemporary Anesthesia Practice* 9:31-45, 1987.
2. **Hashisaki GT**, Rubel EW: Effects of unilateral cochlear removal on anteroventral cochlear nucleus neurons in developing gerbils. *J Comp Neurol* 283:465-473, 1989.
3. **Hashisaki GT**, Crumley RL. Early surgical treatment for Bell’s palsy and Ramsay-Hunt Syndrome. In *The Paralyzed Face*, Rubin LR, ed., C.V. Mosby Co., St. Louis, 1991.
4. Pasic T, Heisey D, Sie KCY, **Hashisaki GT**, Rubel EW: Cell size in the cochlear nucleus of the gerbil: correlation with afferent spontaneous activity. *Assoc Research Otolaryngol Abstr XVIII Meeting*, p. 38, 1995.
5. **Hashisaki GT**: Update on macrolide antibiotics. *Amer J Otolaryngol* 16(3): 153-157, 1995.
6. Wong BJB, Neev J, Lee JP, **Hashisaki GT**, Berns MW: Thermal characteristics of CO₂, argon, and KTP (Nd:Yag) ablated bone. *SPIE Proceed* 2395: 266-276, 1995.

7. Wong BJB, **Hashisaki GT**: Management of Bloom syndrome patient: guidelines and report of a case. *Otolaryngol Head Neck Surg* 114(2):295-298, 1996.
8. Kesser BW, Spindel JH, **Hashisaki GT**, Scheld WM, Ruth RA: An animal model for meningitic hearing loss in the rat. *Audiology* 35:100, 1996.
9. Wong BJB, Lee J, **Hashisaki GT**, Berns MW, Neev J: Thermal imaging of the temporal bone in CO₂ laser surgery: an experimental model. *Otolaryngol Head Neck Surg* 117(6):610-5, 1997.
10. Kil J, **Hashisaki GT**, Rubel EW: Protection from aminoglycoside ototoxicity by acivicin inhibition of GGT activity. *Assoc Research Otolaryngol Abstr XX Meeting*, p. 100, 1997.
11. **Hashisaki GT**: Medical management of Bell's palsy. *Comp Ther* 23(11):715-8, 1997.
12. Lambert PR, Dodson EE, **Hashisaki GT**, Intact canal wall versus canal wall down mastoidectomy. In *Pediatric Otology*, Lalwani AK and Grundfast KM, eds., Lippincott-Raven, Philadelphia, chapter 48, 1997.
13. Dodson EE, **Hashisaki GT**, Hobgood TC, Lambert PR: Intact canal wall mastoidectomy with tympanoplasty for cholesteatoma in children. *Laryngoscope*, 108:977-983, 1998.
14. Hood RJ, Spindel JH, Kesser BW, **Hashisaki GT**, Scheld WM, Ruth RA: Frequency specific auditory brainstem response in a rat model of pneumococcal meningitis. *Assoc Research Otolaryngol Abstr XXI Meeting*, p. 195, 1998.
15. **Hashisaki GT**, Sudden sensory hearing loss. In *Otolaryngology-Head and Neck Surgery*, 2nd ed., Bailey B, ed., C.V. Mosby Co., St. Louis, chapter 149, 1998, pp 2193-8.
16. **Hashisaki GT**, Lambert PR, Congenital aural atresia. In *Current Therapy in Otolaryngology*, HNS. Gates GW, ed, C.V. Mosby, ST. Louis, pp 4-8, 1998.
17. Kesser BW, **Hashisaki GT**, Spindel JH, Ruth RA, Scheld WM: Time course of hearing loss in an animal model of pneumococcal meningitis. *Otolaryngol Head Neck Surg*. 120 (5): 628, 1999.
18. **Hashisaki GT**, Complications of chronic otitis media. In *The Ear*, 2nd ed., Canalis R and Lambert PR, eds., Lippincott Williams & Wilkins, Philadelphia, chapter 26, 2000, pp 433-45.
19. **Hashisaki GT**, Jahrsdoerfer RA, The facial nerve and the congenitally malformed ear. In *The Facial Nerve*, 2nd ed., May M, ed., Thieme Verlag, NY, chapter 29, 2000, pp 505-13.
20. Britt JC, Hood RJ, **Hashisaki GT**. Round window obliteration by osteoma of the middle ear. *Otolaryngol Head Neck Surg*. 123(4):514-5, 2000.
21. **Hashisaki GT**. Which treatment for sudden sensorineural hearing loss? *Arch Otolaryngol Head Neck Surg*. 126(9):1165-6, 2000.

22. **Hashisaki GT**, Sudden sensory hearing loss. In Head and Neck Surgery--Otolaryngology, 3rd ed., Bailey BJ, ed., Lippincott, Williams and Wilkins, Philadelphia, chapter 150, 2001, pp 1919-23.
23. Bradley DT, **Hashisaki GT**, Mason JC: Otogenic sigmoid sinus thrombosis. *Laryngoscope* 112:1726-9, 2002.
24. Noordzij JP, Harrison SE, Mason JC, **Hashisaki GT**, Reibel JF, Gross CW. Pitfalls in the endoscopic drainage of subperiosteal orbital abscesses secondary to sinusitis. *Amer J Rhinol* 16(2):97-101, 2002.
25. Mason JC, De Michele A, Stevens C, Ruth RA, **Hashisaki GT**: Cochlear implantation in patients with auditory neuropathy of various etiologies. *Laryngoscope* 114:45-9, 2003.
26. **Hashisaki GT**, Sudden sensory hearing loss. In Head and Neck Surgery--Otolaryngology, 4th ed., Bailey BJ and Johnson JT, eds., Lippincott, Williams and Wilkins, Philadelphia, chapter 150, 2006, pp. 2231-6.
27. Miller RS, Jahrsdoerfer RA, **Hashisaki GT**, Kesser BW: Diagnosis and management of salivary fistula after surgery for congenital aural atresia. *Otol Neurotol* 27:189-92, 2006.
28. Miller RS, Kesser BW, **Hashisaki GT**: Image guided localization of the internal auditory canal through the middle cranial fossa approach. *Otolaryngol Head Neck Surg* 134:778-782, 2006.
29. Kesser BW, **Hashisaki GT**, Fletcher K, Eppard H, Holt JR. An in vitro model system to study gene therapy in the human inner ear. *Gene Therapy* 14(15):1121-31, 2007.
30. Phillips CD, **Hashisaki GT**, Veillon H. Anatomy and development of the facial nerve. In Imaging of the Temporal Bone, 4th ed., Swartz JD and Loevner LA, eds., Thieme, New York, chapter 7, 2009, pp. 444-79.
31. Kesser BW, **Hashisaki GT**, Holt JR. Gene transfer in human vestibular epithelia and the prospects for inner ear gene therapy. *Laryngoscope* 118(5):821-31, 2008.
32. Kesser BW, Raghavan P, Mukherjee S, Carfrae MJ, Essig G, **Hashisaki GT**. Duplication of the IAC. *Otol Neurotol* 31(8):1352-3, 2010.
33. Oliver ER, Gardner AM, **Hashisaki GT**. Revision cochlear implantation. *Operative Techniques Otolaryngol* 21(4):261-5, 2010.
34. Chen PG, Nguyen JH, Payne SC, Sheehan JP, **Hashisaki GT**. Treatment of glomus jugulare tumors with gamma knife radiosurgery. *Laryngoscope* 120(9):1856-62, 2010.
35. Oliver ER, **Hashisaki GT**, Sudden sensory hearing loss. In Head and Neck Surgery--Otolaryngology, 5th ed., Bailey BJ and Johnson JT, eds., Lippincott, Williams and Wilkins, Philadelphia, Ch. 160, 2014, pp.2589-96.
36. Gilbow RC, Ruhl DS, **Hashisaki GT**. Unilateral sensorineural hearing loss associated with vertebrobasilar dolichoectasia. *Otol Neurotol*. 2018 Jan;39(1):e56-e57. doi: 10.1097/MAO.0000000000001642.

37. Ruhl DS, Tolisano AM, Kesser BW, **Hashisaki GT**, Camacho M. Use of positive airway pressure following middle ear surgery: a practice survey of otologists. *Otol Neurotol*. 2018 Jul;38(6):e134-e137. doi: 10.1097/MAO.0000000000001455.
39. Ruhl D, Du TT, Wagner EL, Choi JH, Li S, Reed R, Kim K, Freeman M, **Hashisaki G**, Lukens JR, Shin JB. Necroptosis and apoptosis contribute to cisplatin and aminoglycoside ototoxicity. *J Neurosci*, 2019; 39(15):2951-2964. doi: 10.1523/JNEUROSCI.1384-18.
40. Casazza GC, Kesser BW, Strumpf AM, Gurgel RK, **Hashisaki GT**, *Otology-neurotology 2020 U.S. workforce distribution*. *Otol Neurotol Open* 1(2):e007, 2021.
41. Wagner EL, Im J-S, Sala S, Nakahata MI, Imbery TE, Li S, Chen D, Nimchuk K, Noy Y, Archer DW, Xu W, **Hashisaki G**, Avraham KB, Oakes JW, Shin J-B. Repair of noise-induced damage to stereocilia F-actin cores is facilitated by XIRP2 and its novel mechanosensor domain. *eLife* 12:e72681. <https://doi.org/10.7554/eLife.72681>.
42. Mandava S, Gutierrez C, Mukherjee S, **Hashisaki G**. Traumatic Pneumolabyrinth without temporal bone fracture causing sudden hearing loss. *Amer J Otolaryngol-Head Neck Surg* 44(2023). <https://doi.org/10.1016/j.amjoto.2023.103945>.

ELECTRONIC COMMUNICATIONS, Peer-reviewed

Hashisaki GT, Lambert PR, Twenty year old with post-traumatic facial paralysis. *Laryngoscope Interactive Case Studies*, <http://www.laryngoscope.com/LIS.html>, Aug 15 to Sept 22, 1997.

Hashisaki GT, Glomus jugulare--surgical management. In Temporal Bone Tumors, Lambert PR, ed., YourDoctor.com, Sausalito, CA.

Hashisaki GT, Temporal bone metastases. In Temporal Bone Tumors, Lambert PR, ed., YourDoctor.com, Sausalito, CA.

COMMUNITY ACTIVITIES

Cub Scout Den leader, Boy Scouts of America, 2003-2007.

Member, Ivy Community Association, Ivy, Virginia, 2002-present

Project Ear--medical and surgical mission outreach program, Dominican Republic, 1996-present.

Rural Area Medicine Project, Wise County, Virginia, July, 2001.

Member, Charlottesville Host Lions Club, 2000-2008.

Volunteer, Project Healing Waters, Charlottesville chapter, 2017-present.

