Department of Otolaryngology

The Department of Otolaryngology-Head & Neck Surgery (http://oto.wustl.edu/) at Washington University in St. Louis has a rich, 130-year history of leadership in our field that is built on the foundations of academic medicine: patient care, research, training and service. Our past leaders include luminaries in the field of otolaryngology, such as John Blasdel Shapleigh, MD; Greenfield Sluder, MD; Lee Wallace Dean, MD; Theodore Walsh, MD; Joseph Ogura, MD; John Fredrickson, MD; Richard A. Chole, MD, PhD; and, presently, Craig A. Buchman, MD, FACS. Even from our earliest days, prior to the inception of the McMillan Eye, Ear, Nose and Throat Hospital (circa 1943), excellence has been an integral part of the department's fabric. A look at former faculty and program graduates reveals many of the true innovators in our field. While we remain humbled by our beginnings and past achievements, we choose not to rest on our laurels. Rather, we aspire to further our commitment to improving patients' lives by leading our field and its clinical application.

Today, more than ever, we are driven to provide highest-quality, cutting-edge patient care that is both safe and effective. Our Washington University physicians and team, together with our Honor Roll Award-winning hospital, Barnes-Jewish Hospital (U.S. News, 2018-19), are second to none when it comes to tackling the full spectrum of conditions involving the ear, nose, throat, head and neck. Our basic, translational and clinical research programs are remarkable, providing answers to a variety of relevant questions that build on our foundations of knowledge, lay the groundwork for future clinical trials, and provide state-of-the-art patient solutions. Our educational programs for medical and graduate students, physicians in training, and established practitioners are committed to creating a culture of lifelong learning that firmly establishes our next generation of leaders in the field. Our residency program is highly rated by all metrics, providing balanced training across the clinical subspecialties and unique opportunities for growth and development as clinician-scientists (T32 training grant) and educators. We are most proud that these activities are ongoing in a work culture that values collegiality, inclusiveness, diversity and mutual respect. The Department of Otolaryngology-Head & Neck Surgery at Washington University in St. Louis is a really outstanding place!

CID at Washington University School of Medicine

The consortium of graduate education, research and clinical programs known today as CID at Washington University School of Medicine was born out of the pioneering efforts of St. Louis physician Max Goldstein, MD. In 1914, he founded the Central Institute for the Deaf (CID), where doctors and teachers worked together to help deaf people. When CID's school building opened two years later, its auditory/oral methods for instructing deaf children were groundbreaking.

Washington University and CID first joined forces in 1931, when CID's established teacher training program became the first deaf education undergraduate program to affiliate with a university. Graduate programs in deaf education, audiology, and speech and hearing sciences soon followed.

CID's research efforts began in the 1930s to study the anatomy and science of hearing. During World War II, CID's research on hearing loss in military personnel laid the foundation for the field of audiology. CID also pioneered hearing testing and hearing aids, and it opened the country's first hearing aid clinic in 1941. In September 2003, a new affiliation transferred CID's graduate degree programs, research programs and adult audiology clinic — along with its building — to Washington University School of Medicine. The CID school continues to operate on the School of Medicine campus as CID — Central Institute for the Deaf.

Today, these programs continue to work together to fulfill a shared mission to serve people with hearing loss.

Website: http://oto.wustl.edu

Faculty

Department Head

Craig A. Buchman, MD, FACS (https://oto.wustl.edu/people/craig-a-buchman-md/)

Visit our website for more information about our faculty (http://oto.wustl.edu/About-Us/Faculty-Physicians/) and their appointments.

A

Azadeh Afshari, MS, DDENT
Instructor in Clinical Otolaryngology (primary appointment)
MS Univ of Texas Med Sch Houston 2013
BS West Virginia University 2004
DDENT Univ of Texas Med Sch Houston 2014

B

Sean B Bailey, MD, MS
Instructor in Clinical Otolaryngology (primary appointment)
MD Tulane University 1987
MS Tulane University 1988
BS Tulane University 1981

Jianxin Bao, PHD
Adjunct Associate Professor of Otolaryngology (primary appointment)
PHD University of Florida 1992

Lynda Cheryl Berkowitz, MS
Instructor in Otolaryngology (primary appointment)
Instructor in Audiology and Communication Sciences
BS University of Illinois 1981
MS Washington Univ in St. Louis 1983

Pablo M Blazquez Gamez, PHD
Associate Professor of Otolaryngology (primary appointment)
PHD University of Seville 1998

Andrew E Bluher, MD
Assistant Professor of Otolaryngology (primary appointment)
BS Princeton University 2009
MD University of Maryland 2014

Joseph P Bradley, MD
Assistant Professor of Otolaryngology (primary appointment)
MD University of Kansas Medical 2008
BS Washington Univ in St. Louis 2003

Gregory Harris Branham, MD
Professor of Otolaryngology (primary appointment)
BS University of South Carolina 1979
MD University of South Carolina 1983

Craig Alan Buchman, MD
Lindburg Professor of Otolaryngology (primary appointment)
Head of the Department of Otolaryngology
BA University of Georgia 1986
MD University of Florida 1990

John Jeonhwan Chi, MD, MS
Associate Professor of Otolaryngology (primary appointment)
MD SUNY DOWNSTATE MED BROOKLYN 2007
MS City College 2003
BS Columbia University 2001

John N Chiapel
Instructor in Clinical Otolaryngology (primary appointment)

Richard A Chole, MD, PHD
Professor of Otolaryngology (primary appointment)
Professor of Audiology and Communication Sciences
Professor of Developmental Biology
MD University of Southern Calif 1969
PHD University of Minnesota 1977

William W. Clark, PHD, MS, PHD1
Professor of Otolaryngology (primary appointment)
Professor of Audiology and Communication Sciences
Professor of Education
BA University of Michigan 1969
PHD University of Michigan 1975
MS University of Michigan 1973
PHD1 University of Michigan 1975

Sheldon C Cohen, DDENT
Instructor in Clinical Otolaryngology (primary appointment)
BS Washington Univ in St. Louis 1973

DDENT Southern Illinois University 1976

Lisa S. Davidson, PHD, MS
Associate Professor of Otolaryngology (primary appointment)
Associate Professor of Audiology and Communication Sciences
PHD Washington Univ in St. Louis 2003
MS Washington Univ in St. Louis 1987
BS East Tennessee State Universi 1985

Sheldon L Davis
Assistant Professor of Clinical Otolaryngology (primary appointment)

Andrew J. Drescher, MD
Associate Professor of Otolaryngology (primary appointment)
BS Yale University 1998
MD University of Michigan 2002

Norman Steven Druck, MD
Assistant Professor of Clinical Otolaryngology (primary appointment)
MD University of Illinois 1970
BA Washington Univ in St. Louis 1967

Katherine Dunsky, MD
Assistant Professor of Otolaryngology (primary appointment)
MD Saint Louis University 2010

Nedim Durakovic, MA, MD
Assistant Professor of Otolaryngology (primary appointment)
BA Brown University 2007
MA Brown University 2012
MD Brown University 2012

Nyssa F Farrell, MD
Assistant Professor of Otolaryngology (primary appointment)
BS University of South Carolina 2010
MD University of South Carolina 2014

Charles Coleman Finley
Adjunct Research Associate Professor of Otolaryngology (primary appointment)

Jill B Firszt, PHD, MS
Professor of Otolaryngology (primary appointment)
Professor of Audiology and Communication Sciences
BS University of Illinois 1978
PHD University of Illinois 1998
MS University of Illinois 1982

Debra Ann Gonzalez, MD
Assistant Professor of Otolaryngology (primary appointment)
BS Wellesly College 1982
MD Cornell University 1987

James Dean Gould, MD
Assistant Professor of Otolaryngology (primary appointment)  
BA Saint Louis University 2004  
MD Saint Louis University 2009

Arnold Scott Jacobson, MS, DDENT  
Instructor in Clinical Otolaryngology (DMD) (primary appointment)  
MS University of Missouri 1977  
BA University of Missouri 1970  
DDENT Washington Univ in St. Louis 1976

Susan Jerger  
Adjunct Research Professor of Otolaryngology (primary appointment)

K

Dorina Kallogjeri, M PH, MD  
Assistant Professor of Otolaryngology (primary appointment)  
M PH Saint Louis University 2007  
MD University of Tirana 1997

Eugenia Kardaris  
Instructor in Clinical Otolaryngology (DDS) (primary appointment)

L

Carl Wesley Lee, MD  
Instructor in Clinical Otolaryngology (primary appointment)  
MD Case Western Reserve Univ 1992  
BA Stanford University 1998

David Seamus Leonard, MBCHB, MHA  
Associate Professor of Otolaryngology (primary appointment)  
BA Dartmouth College 1995  
MBCHB National University of Irelan 2000  
MHA Harvard University 2012

Jeffery Lichtenhan, MSSH, BAS, PHD  
Assistant Professor of Otolaryngology (primary appointment)  
Assistant Professor of Audiology and Communication Sciences  
MSSH University of Kansas Medical 2002  
BAS University of Kansas 2000  
PHD University of Kansas 2006

Judith E Lieu, MD  
Professor of Otolaryngology (primary appointment)  
Vice Chairman Education Department of Otolaryngology  
BS University of CA Davis 1988  
MD Washington Univ in St. Louis 1992

M

Richard W Maack, MD  
Instructor in Clinical Otolaryngology (primary appointment)
BS Muhlenberg College 1981
MD University of Maryland 1985

Marshall S Manne, DDENT, MS
Instructor in Clinical Otolaryngology (DDS) (primary appointment)
DDENT Washington Univ in St. Louis 1960
BA Washington Univ in St. Louis 1956
MS Indiana University Bloomington 1964

Sean Massa, MD
Assistant Professor of Otolaryngology (primary appointment)
BS Northwestern University 2008
MD University of Pennsylvania 2013

Claire Matthews, MA, PHD
Adjunct Assistant Professor of Otolaryngology (Speech Pathology) (primary appointment)
BA University of Kansas 1969
MA University of Kansas 1978
PHD University of Kansas 1980

Angela Liu Mazul, MS, PHD
Assistant Professor of Otolaryngology (primary appointment)
Assistant Professor of Surgery (Public Health Sciences)
MS Tulane University 2010
PHD University of North Carolina 2016
BS Georgia Tech 2009

Murray D McGrady, MD
Instructor in Clinical Otolaryngology (primary appointment)
BS University of Illinois 1982
MD University of Illinois 1986

Jonathan L McJunkin, MD
Associate Professor of Otolaryngology (primary appointment)
BS Northwestern University 2001
MD Jefferson Medical College 2005

Maithilee D Menezes, MD
Associate Professor of Otolaryngology (primary appointment)
BS Grinnell College 1997
MD Grinnell College 2002

David W. Molter, MD
Professor of Otolaryngology (primary appointment)
MD Duke University 1988
BS Duke University 1980

Gerald William Moritz, MD
Instructor in Otolaryngology (primary appointment)
MD Saint Louis University 1970
BS University of California 1965

Nancy Tye Murray, PHD, MS
Professor of Otolaryngology (primary appointment)
Professor of Audiology and Communication Sciences
PHD University of Iowa 1979
BS Texas Christian University 1977
MD University of Gothenburg 2007

**Gerald Raymond Popelka**
Adjunct Professor of Otolaryngology (primary appointment)

**Lisa Gayle Potts, MS, PHD**
Assistant Professor of Otolaryngology (primary appointment)
Assistant Professor of Audiology and Communication Sciences
MS Washington Univ in St. Louis 1991
PHD Washington Univ in St. Louis 2006
BS Southern Illinois University 1988

**Sidharth Venkata Puram, MD, PHD**
Assistant Professor of Otolaryngology (primary appointment)
MD Harvard University 2013
BS Mass Inst of Technology (MIT) 2005
PHD Harvard University 2011

**Casey Krauss Reimer, PHD**
Assistant Professor of Otolaryngology (primary appointment)
PHD Washington Univ in St. Louis 2019

**Jason T. Rich, MD**
Associate Professor of Otolaryngology (primary appointment)
BS Brigham Young University 2000
MD Ohio State University 2004

**Mark A Rutherford, PHD**
Assistant Professor of Otolaryngology (primary appointment)
BS University of MO St Louis 1999
PHD University of Oregon 2005

**Alec N Salt, PHD, MS**
Professor of Otolaryngology (primary appointment)
PHD University of Birmingham 1977
BS University of East Anglia 1973
MS University of Birmingham 1974

**John Stone Schneider, M PP, BBA, MD**
Associate Professor of Otolaryngology (primary appointment)
M PP University of Chicago 2007
BBA University of Chicago 1997
MD University of Chicago 2007

**Allen Sclaroff, DDENT**
Professor of Clinical Otolaryngology (Oral Surgery) (primary appointment)
BA University of Colorado Boulder 1968
DDENT Temple University 1972

**Karl Shanker, DDENT**
Instructor in Clinical Otolaryngology (DDS) (primary appointment)
BA Washington Univ in St. Louis 1975
DDENT University of Missouri 1978

**Lavinia Sheets, PHD**
Assistant Professor of Otolaryngology (primary appointment)
Assistant Professor of Developmental Biology
BS Pacific University 1996
PHD Oregon Health Science Univers 2007

**Emily A. Spataro, MD**
Assistant Professor of Otolaryngology (primary appointment)
MD Washington Univ in St. Louis 2012
BS Duke University 2007

**T**

**Isoide E Thalmann, MA, PHD**
Professor Emeritus of Otolaryngology (primary appointment)
MA Washington Univ in St. Louis 1973
BS Washington Univ in St. Louis 1968
PHD California Western 1982

**U**

**Rosalie May Uchanski, MS, PHD**
Assistant Professor of Otolaryngology (primary appointment)
Assistant Professor of Audiology and Communication Sciences
MS Mass Inst of Technology (MIT) 1981
BS University of Illinois Chicago 1978
PHD Mass Inst of Technology (MIT) 1988

**W**

**Mark Edward Warchol, PHD**
Professor of Otolaryngology (primary appointment)
Professor of Audiology and Communication Sciences
Professor of Neuroscience
BS University of Washington 1981
PHD Northwestern University 1989

**Cameron Connelly Wick, MD**
Assistant Professor of Otolaryngology (primary appointment)
MD Wright State University 2010
BS Washington & Lee 2006

**Y**

**Tatyana Aleksandrovna Yakusheva, MS, PHD**
Assistant Professor of Otolaryngology (primary appointment)
MS Saratov State University 1997
PHD Russian U of Friendship of Ppl 2002

**Z**

**Jose Pedro Zevallos, MD, MPH**
Dr Joseph B Kimbrough Chair for Maxillofacial Surgery and Prosthodontics in the Washington University Department of Otolaryngology (primary appointment)
MD Rutgers University 2005
MPH Univ of Texas Med Sch Houston 2014
BS Middlebury College 2000
Research Electives

Otolaryngology Research Electives

During the fourth year, opportunities exist for many varieties of advanced clinical or research experiences. The type of research will depend upon the current phase of the research program in each laboratory. Students should contact the director of each laboratory to negotiate.

Pablo M. Blazquez, PhD
East McDonnell Science Building
4566 Scott Avenue
Phone: 314-362-1013

This lab studies the role of the vestibulocerebellum and its target nuclei for eye movement control and spatial orientation. We use a range of methodologies, including single and multiunit recordings, electrical brain stimulation, computational methods, pharmacology and behavioral studies. Our main lines of research are as follows: (1) signal transformations carried out by the vestibulocerebellum during visual and vestibular stimulation; (2) neuronal computations performed by the anterior and posterior cerebellar vermis for spatial navigation in mice; and (3) the role of the cerebellum-brainstem loop in motor learning in the vestibulo-ocular reflex.

Students will be instructed in one or several techniques and are expected to contribute significantly to the development of specific lab projects.

Judith E.C. Lieu, MD, MSPH
3S35 Children's Hospital; and McMillan, 9th Floor
Phone: 314-747-8205

Our focus is clinical outcomes research in pediatric otolaryngology. The Clinical Outcomes Research Office performs clinical epidemiology and health services research. (Please refer to the research elective offered by Dr. Jay Piccirillo for more details.) These techniques and methodologies are applied to investigate clinical problems in children. Projects currently underway include the evaluation of the quality of life of young children with hearing loss, the evaluation of hearing loss on the perception of fatigue in children, and the use of MRI to investigate the effects of hearing loss in children. Potential studies include evaluating changes in the quality of life of children who begin using hearing amplification devices. Other projects of the student's choosing that would utilize these research techniques may also be pursued.

Jay F. Piccirillo, MD
McMillan, 9th Floor
Phone: 314-362-8641

The Clinical Outcomes Research Office performs clinical epidemiology and health services research. Clinical epidemiology is the study of diagnosis, prognosis and the evaluation of treatment. Health service research is the study of the delivery of health care. The scientific methodology of clinical epidemiology is based on the architecture of clinical research, biostatistics and data processing. Current projects include studying the impact of comorbidities on the treatment and outcomes of patients with cancer. We also conduct research into the neurobiology, treatment and outcomes of patients with tinnitus. One method that we employ is the use of smartphone
technology to capture ecological momentary assessments of tinnitus. Additional projects include exploiting neuroplasticity as part of olfactory training for patients with anosmia. With the use of clinical epidemiology methodology, we can also study a variety of other diseases.

Courses


M55 Oto 660B Clinical Topics In Otolaryngology
This course consists of nine introductory lectures on common diseases of the head and neck, including voice disorders, head and neck cancer, hearing loss, management of vertigo, pediatric otolaryngology, salivary gland disorders, sinusitis, otolaryngologic emergencies and facial trauma. Additionally, there is a case-based roundtable focusing on otolaryngology disorders affecting the geriatric population and the involvement of allied health care disciplines in the evaluation and management of these patients. Each lecture is highlighted by case presentations and treatment options in addition to pathophysiology. This course follows the physical examination practicum given earlier in the academic year. Credit 9 units.

M55 Oto 801 Otolaryngology Subinternship
Four-week rotation includes evaluation of ENT problems presented to specialist for diagnosis and treatment. The student participates in the clinic, hospital, and operating room. This may also include time on the Pediatric ENT Service, Audiology, Voice Laboratory, and Vestibular Evaluation Laboratory. Option of rotation on the ENT Service at VAMC is possible.

M55 Oto 803 Pediatric Otolaryngology
The student will actively participate in the clinical office, inpatient consultations, and surgery with the attending staff at St. Louis Children's Hospital. Care would be taken to provide experience in the common problems one would see in primary care pediatrics or family practice. Participation in sub-specialty/multidisciplinary clinics such as the Cleft and Craniofacial clinic is encouraged. Opportunity will be provided to learn the fundamentals of audiological evaluation. Students participating in this elective will attend academic conferences in both the pediatric and adult divisions.

M55 Oto 833 Ambulatory Otolaryngology for the Primary Care Physician
This course offers a four-week exposure to ambulatory care of patients with diseases of the head and neck. Eight half-day sessions per week will be offered in attending clinics for general otolaryngology, head and neck cancer, otology, and pediatric otolaryngology. Two half-day sessions are reserved for audiology, vestibular lab, and voice lab experience. Surgical exposure is available for selected cases as identified by the student and attending physician, but the main goal of this rotation is outpatient diagnosis and management.

M55 Oto 900 Research Elective - Otolaryngology
Research opportunities may be available. If interested, please contact the Department of Otolaryngology.