

XXXII Panamerican Congress of Otorhinolaryngology: Head and Neck Surgery

Eugene N. Myers, MD, FACS, FRCS Edin (Hon)

Distinguished Professor and Emeritus Chair

Department of Otolaryngology - Head and Neck Surgery

University of Pittsburgh Medical Center



¡Bienvenidos Colegas y Amigos!

- **International Visiting Scholar Programs**
- **Fellowship Programs**

INTERNATIONAL VISITING SCHOLAR PROGRAMS – TOTAL 53

	Institution	Allergy	Broncho- esophagology	Facial Plastic & Reconstructive	General Oto	H & N Surgery	Laryngology/ Voice	Otology/ Neurotology	Pediatric Oto	Rhinology	Sleep	Microvascular	SkullBase	Other
1	Albany Medical College		Y			Y	Y		Y					Y
2	Baylor College of Medicine					Y	Y	Y						
3	Case Western Reserve University Hospital				Y	Y								
4	Columbia University							Y	Y	Y				
5	Emory University			Y		Y	Y	Y	Y	Y				
6	Geisinger Medical Ctr	Y			Y	Y	Y	Y	Y	Y				
7	Georgetown University			Y	Y	Y	Y		Y	Y				
8	House Ear Clinic/USC School of Medicine	Y		Y	Y	Y	Y	Y	Y	Y				
9	Indiana University School of Medicine		Y	Y	Y	Y	Y	Y	Y	Y			Y	
10	Johns Hopkins Hospital					Y	Y	Y	Y					
11	Loyola University Medical Ctr					Y		Y						
12	Massachusetts Eye and Ear Infirmary					Y	Y	Y		Y				
13	Medical College of Virginia			Y	Y	Y	Y	Y	Y	Y				
14	Montefiore Medicine Ctr A E Medcl Ctr	Y	Y	Y	Y	Y	Y	Y	Y	Y				
15	Naval Hospital San Diego					Y		Y	Y	Y				
16	Northwestern University Medical Ctr				Y	Y		Y	Y					Y
17	NY Eye and Ear Infirmary/NY Medical College			Y	Y	Y		Y	Y					
18	Ohio State University Hospitals			Y	Y	Y	Y	Y	Y	Y				
19	Rush-Presb-St Lukes Medical Ctr						Y							
20	Saint Louis University				Y	Y	Y	Y						
21	Stanford University Medical Ctr					Y		Y	Y	Y				
22	State University of New York	Y			Y	Y	Y	Y		Y				
23	State University of New York Buffalo					Y	Y	Y	Y	Y				
24	SUNY-Upstate Medical Ctr				Y	Y	Y		Y	Y				
25	Tulane University Medical Ctr			Y	Y	Y	Y	Y	Y	Y				

	Institution	Allergy	Broncho- esophagology	Facial Plastic & Reconstructive	General Oto	H & N Surgery	Laryngology/ Voice	Otology/ Neurotology	Pediatric Oto	Rhinology	Sleep	Microvascular	SkullBase	Other
26	University of Alabama at Birmingham			Y	Y	Y	Y	Y	Y					Y
27	University of CA, Irvine				Y									
28	University of California Davis			Y	Y	Y	Y	Y	Y	Y				Y
29	University of California-San Diego		Y	Y	Y	Y		Y	Y	Y				
30	University of Cincinnati Medical Ctr			Y	Y	Y								
31	University of Miami Medical Ctr			Y	Y	Y	Y	Y						
32	University of Nebraska Medical Ctr			Y	Y	Y		Y						
33	University of Oklahoma Health Science Ctr			Y		Y		Y		Y				
34	University of Puerto Rico Medicine School			Y		Y	Y	Y	Y	Y				
35	University of Utah College of Medcn					Y		Y	Y	Y				
36	University of Vermont College of Medicine					Y		Y						
37	University of Virginia Sch of Med			Y	Y	Y	Y	Y						
38	University of Wisconsin-Madison				Y	Y		Y	Y					
39	University of Colorado Medical Ctr							Y						
40	University of Kentucky	Y				Y		Y	Y	Y				
41	University of Louisville					Y	Y	Y		Y				
42	University of Maryland					Y	Y			Y				
43	University of Michigan Medical Ctr	Y		Y	Y					Y				
44	University of Missouri Medical Ctr					Y	Y	Y	Y	Y				
45	University of North Carolina Medcl Ctr				Y									
46	University of Pittsburgh	Y		Y			Y	Y	Y					
47	University of Texas Medical Branch				Y	Y	Y		Y	Y				
48	UT Southwestern Medical School	Y				Y	Y	Y	Y	Y				
49	Vanderbilt University	Y	Y	Y	Y	Y	Y	Y		Y		Y		
50	Wake Forest University Sch of Medicine					Y			Y					Y
51	Washington University Medical Ctr				Y	Y		Y		Y				
52	West VA University Medcl Ctr	Y						Y						
53	Yale University Medical School	Y					Y	Y						

**CONTACT INDIVIDUAL
PROGRAM DIRECTORS
THROUGH
DEPARTMENT WEBSITE**

Department of Otolaryngology

University of Pittsburgh School of Medicine

- 552 International Visiting Scholars (IVS) since 1990
- 61 countries since 1990
- 46 International Visiting Scholars in 2009 from 23 countries
- Length of Program – weeks → years
- Expenses usually paid by IVS, Institution or Government
- For stay of less than 90 days, a tourist visa is sufficient

FELLOWSHIPS

- **ACGME Approved**
 - Otolaryngology – Neurotology - Match
 - Pediatric Otolaryngology - Match
- **Officially approved by specific society**
 - Head and Neck-Approved by American Head and Neck Society-Match
 - Rhinology-Approved by American Rhinological Society--- Match
 - -Voice-Approved by

Number of ACGME Accredited Programs for the Current Academic Year (2009-2010)

Alpha Code	Numeric Code	Name	Number of Programs	Number of Positions Filled
CN	187	Clinical neurophysiology	91	229
ESS	182	Endovascular surgical neuroradiology	1	2
NM	183	Neuromuscular medicine	23	30
ND	186	Neurodevelopmental disabilities	9	20
VN	188	Vascular neurology	65	68
NM	200	Nuclear medicine	56	169
OBG	220	Obstetrics and gynecology	247	4916
OPH	240	Ophthalmology	118	1410
ORS	260	Orthopaedic surgery	155	3391
OAR	261	Adult reconstructive orthopaedics	21	43
OFA	262	Foot and ankle orthopaedics	10	21
HSO	263	Hand surgery	58	126
OMO	270	Musculoskeletal oncology	10	15
OSM	268	Orthopaedic sports medicine	93	205
OSS	267	Orthopaedic surgery of the spine	17	34
OTR	269	Orthopaedic trauma	10	18
OTO	280	Otolaryngology	103	1426
NO	286	Neurotology	16	25
PDO	288	Pediatric otolaryngology	8	15

**List of programs within a particular specialty for current academic year and
those newly accredited programs with future effective dates
(Year ending June 30th, 2010)**

Neurotology

Program Number / Name / Address	Specialty	Director	Phone / Fax / Email
[2860512016] Stanford University Program Stanford University 801 Welch Road Stanford, CA 94305	Neurotology (OTO)	Robert K. Jackler, MD	(650)725-6500 (650)725-8502
[2860521008] University of Southern California Program House Ear Clinic, Inc. 2100 West Third Street, Suite 111 Los Angeles, CA 90057	Neurotology (OTO)	William H. Slattery, MD	(213)483-9930 (213)484-5900 pjavier@hei.org
[2860521014] University of California (San Diego) Program University of California (San Diego) 200 W Arbor Drive, # 8895 San Diego, CA 92103	Neurotology (OTO)	Joni K. Doherty, MD, PhD	(619)543-2120 (619)543-5521 jkdohertry@ucsd.edu
[2861113009] Jackson Memorial Hospital/Jackson Health System Program University of Miami PO Box 016960 (D48) Miami, FL 33101	Neurotology (OTO)	Thomas J. Balkany, MD	(305)585-8776 (305)326-7610 mruiz@med.miami.edu

Neurotology

Program Number / Name / Address	Specialty	Director	Phone / Fax / Email
[2861821003] University of Iowa Hospitals and Clinics Program University of Iowa Hospitals and Clinics Dept of Otolaryngology-Head & Neck Surgery 200 Hawkins Drive (21201 PFP) Iowa City, IA 52242-1078	Neurotology (OTO)	Bruce J. Gantz, MD	(319)356-2173 (319)356-3967 bruce-gantz@uiowa.edu
[2862321012] Johns Hopkins University Program Johns Hopkins University School of Medicine Department of Otolaryngology-Head and Neck Surgery 601 N Caroline Street, Room 6221 Baltimore, MD 21287	Neurotology (OTO)	John P. Carey, MD	(410)955-7381 (410)955-0035 cstansb3@jhmi.edu
[2862411007] Massachusetts Eye and Ear Infirmary/Harvard Medical School Program Massachusetts Eye and Ear Infirmary 243 Charles Street Boston, MA 02114	Neurotology (OTO)	Michael J. McKenna, MD	(617)573-3654 (617)573-3939
[2862521001] University of Michigan Program University of Michigan Medical Center 1500 East Medical Center Drive Ann Arbor, MI 48109-5312	Neurotology (OTO)	H. Alexander Arts, MD	(734)936-8006 (734)936-9625
[2862531006] Providence Hospital/Michigan Ear Institute/Wayne State Program Michigan Ear Institute - Providence Hospital 30055 Northwestern Highway, #101 Farmington Hills, MI 48334	Neurotology (OTO)	Michael J. LaRouere, MD	(248)865-4444 (248)865-6161

Neurotology

Program Number / Name / Address	Specialty	Director	Phone / Fax / Email
[2862631019] University of Minnesota Program University of Minnesota Otolaryngology Department, MMC 396 420 Delaware St SE Minneapolis, MN 55455	Neurotology (OTO)	Samuel C. Levine, MD	(612)626-0486 (612)624-3989 levin001@umn.edu
[2863521004] New York University School of Medicine Program New York University School of Medicine Department of Otolaryngology 550 First Avenue New York, NY 10016	Neurotology (OTO)	J. Thomas Roland, MD	(212)263-6344 (212)263-8257
[2863821002] Ohio State University Hospital Program Ohio State University Hospital The Ohio State Eye and Ear Institute 915 Olentangy River Road, Suite 4000 Columbus, OH 43212	Neurotology (OTO)	D. Bradley Welling, MD, PhD	(614)293-8706 (614)293-7292
[2864121017] UPMC Medical Education Program University of Pittsburgh Medical Center Eye & Ear Institute, Suite 500 200 Lothrop Street Pittsburgh, PA 15213	Neurotology (OTO)	Barry E. Hirsch, MD	(412)647-2115 (412)647-2080

Neurotology

Program Number / Name / Address	Specialty	Director	Phone / Fax / Email
[2864713013] Vanderbilt University Program 7209 Medical Center East-South Tower 1215 21st Avenue South Nashville, TN 37232	Neurotology (OTO)	David S. Haynes, MD	(615)343-6972 (615)343-9725 Elizabeth.L.Warner@vanderbilt.edu
[2864831015] Baylor College of Medicine Program Baylor College of Medicine One Baylor Plaza NA-102 Houston, TX 77030	Neurotology (OTO)	Jeffrey T. Vrabec, MD	(713)798-5118 francesc@bcm.edu
[2865121005] University of Virginia Program University of Virginia Health System P.O. Box 800713 Charlottesville, VA 22908	Neurotology (OTO)	George Hashisaki, MD	(434)924-2040 (434)982-3965

**List of programs within a particular specialty for current academic year and
those newly accredited programs with future effective dates
(Year ending June 30th, 2010)**

Pediatric otolaryngology

Program Number / Name / Address	Specialty	Director	Phone / Fax / Email
[2880712008] University of Colorado Denver Program The Children's Hospital 13123 East 16th Avenue Aurora, CO 80045	Pediatric otolaryngology (OTO)	Kenny H. Chan, MD	(720)777-8675 (720)777-7269 chan.kennyh@tchden.org
[2881031007] George Washington University/Children's National Medical Center Program Children's National Medical Center 111 Michigan Avenue NW Washington, DC 20010	Pediatric otolaryngology (OTO)	Diego Preciado, MD, PhD	(202)476-2821
[2881821003] University of Iowa Hospitals and Clinics Program University of Iowa Hospitals Head and Neck Surgery 21151 PFP Iowa City, IA 52242	Pediatric otolaryngology (OTO)	Richard J. H. Smith, MD	(319)356-3612 (319)356-4547
[2882421009] Massachusetts Eye and Ear Infirmary/Harvard Medical School Program Massachusetts Eye and Ear Infirmary 243 Charles Street Boston, MA 02114	Pediatric otolaryngology (OTO)	Christopher J. Hartnick, MD	(617)573-3654 (617)573-3939

Pediatric otolaryngology

Program Number / Name / Address	Specialty	Director	Phone / Fax / Email
[2883821004] Cincinnati Children's Hospital Medical Center/University of Cincinnati College of Medicine Program Cincinnati Children's Hospital Medical Center 3333 Burnet Avenue ML 2018 Cincinnati, OH 45229	Pediatric otolaryngology (OTO)	Jay Paul Willging, MD	(513)636-2287 (513)636-8133 tricia.davis@cchmc.org
[2884113006] Children's Hospital of Philadelphia Program The Children's Hospital of Philadelphia 34th Street & Civic Center Boulevard ENT, 1 Wood Center Philadelphia, PA 19104	Pediatric otolaryngology (OTO)	Ralph F. Wetmore, MD	(215)590-1582 (215)590-3986
[2884121001] UPMC Medical Education Program Children's Hospital of Pittsburgh of UPMC Department of Pediatric Otolaryngology One Children's Hospital Dr., 4401 Penn Avenue Pittsburgh, PA 15224	Pediatric otolaryngology (OTO)	Cuneyt M. Alper, MD	(412)692-8577 (412)692-6074 marsha.clark@chp.edu
[2884821005] Baylor College of Medicine Program Baylor College of Medicine Texas Children's Hospital 6701 Fannin, Suite 610.25 Houston, TX 77030	Pediatric otolaryngology (OTO)	Carla M. Giannoni, MD	(832)822-3267 (832)825-3251 pediotoffellowship@bcm.tmc.edu



American Head and Neck Society Fellowship Programs

**The Advanced Training Council
For Approval of Training in
Head and Neck Oncologic Surgery**

CURRENT TRAINING PROGRAMS

Cancer Care Manitoba, University of Manitoba
Johns Hopkins University
M.D. Anderson Cancer Center
Medical University of South Carolina
Memorial Sloan-Kettering Cancer Center
Ohio State University
Roswell Park Cancer Institute
Stanford University
University of Alabama: Birmingham
University of Alberta
University of California- Davis
University of Cincinnati
University of Iowa

University of Kansas
University of Miami
University of Michigan
University of Nebraska
University of Oklahoma
University of Pennsylvania
University of Pittsburgh
University of South Florida
University of Toronto
University of Washington
Wayne State University

For fellowship match information and application, please go to the
American Head and Neck Society website at:

www.ahns.info

or contact:

Aaron Goodman

American Head & Neck Society

11300 W. Olympic Blvd #600

Los Angeles, CA 90064

aaron@ahns.info

**2009 Fellowships in Advanced Training in
Head & Neck Oncologic Surgery**
Sponsored by The American Head & Neck Society

- These fellowships are available to candidates who are eligible to take the examination of the American Board of Surgery, Otolaryngology, or Plastic Surgery. All fellowships have a duration of one to two years. Having a carefully structured evaluation system, these programs are site visited, reviewed, and approved by the Executive Council of the American Head and Neck Society. A diploma is awarded by the Society to those candidates who follow the rigid criteria and successfully complete the fellowship. The applications and appointments for fellowships are processed through a central matching program.
- Interested candidates may contact program directors for application deadlines. Fellowship match information and application forms may be downloaded from the Fellows' Corner of the AHNS website.
- Program directors interested in applying for establishment of a fellowship program for their institution may contact Aaron Goodman at the American Head and Neck Society office at aaron@ahns.info

William M. Lydiatt, M.D., Secretary
Advanced Training Council
981225 Nebraska Medical Center
Omaha, NE 68198
T: (402) 559-8007 F: (402) 559-8940

Ashok R. Shaha, M.D., Chairman
Advanced Training Council
Memorial Sloan-Kettering Cancer Ctr
1275 York Avenue
New York, NY 10021
T: (212)639-7649 F: (212-717-3302

Fellowship Programs and Contact Information

Douglas B. Chepeha, M.D.
University of Michigan
1500 E. Medical Center Drive
Ann Arbor, MI 48109-0312
T: (734) 763-4210 F: (734) 641-9691

Jay O. Boyle, M.D. , Ph.D.
Memorial Sloan-Kettering Cancer Center
1275 York Avenue
New York, NY 10021
T: (212) 639-2221 F: (212) 717-3302

Joseph A. Califano , M.D., Ph.D.
Johns Hopkins University
601 N. Caroline Street
Baltimore, MD 21287
T: (410) 955-6420 F: (410) 955-0035

Greg A. Kreml, M.D.
University of Oklahoma HSC
P.O. Box 26901
Oklahoma City, OK 73190
T: (405) 271-5504 F: (405) 271-3248

Wesley L. Hicks, Jr., M.D. , Ph.D.
Roswell Park Cancer Institute
Elm & Carlton Streets
Buffalo, NY 14263
T: (716) 845-3158 F: (716) 845-8646

Gregory S. Weinstein, M.D.
University of Penn Health System
3400 Spruce Street, 5 Ravdin
Philadelphia, PA 19104
T: (215) 349-5390 F: (215) 349-5977

Keith M. Wilson, M.D.
University of Cincinnati Medical Center
P.O. Box 670528
Cincinnati, OH 45267-0528
T: (513) 558-0017 F: (513) 558-3231

Robert L. Ferris, M.D., PhD
University of Pittsburgh Medical Center
203 Lothrop Street, Suite 500
Pittsburgh, PA 15213
T: (412) 647-2100 F: (412) 647-2080

Fellowship Programs and Contact Information (Continued)

Amit Agrawal , M.D.
Arthur G. James Cancer Hospital and Richard J. Solove Research Institute
The Ohio State University
456 West Tenth Avenue
Cramblett Hall, Suite 4A
Columbus, OH 43210
T: (614) 293-8074 F: (614) 293-3193

Paul J. Donald, M.D.
University of California - Davis
2521 Stockton Boulevard #7200
Sacramento, CA 95817
T: (916) 734-2832 F: (916) 456-7509

John R. Jacobs, M.D.
Wayne State University
Gordon H. Scott Hall
540 East Canfield Avenue
Detroit, MI 48201
T: (313) 577-0804 F: (313) 577-8555

Neal D. Futran, M.D.
University of Washington
1959 NE Pacific Street, Box 356515
Seattle, WA 98195
T: (206) 543-3060 F: (206) 543-5152

Amy C. Hessel, M.D.
U.T.M.D. Anderson Cancer Center
1515 Holcombe Blvd. Box 441
Houston, TX 77030
T: (713) 563-9413 F: (713) 794-4662

Michael J. Kaplan, M.D.
Stanford University Medical Center
801 Welch Road
Stanford, CA 94305-5739
T: (650) 725-6500 F: (650) 725-8502

Gerry F. Funk, M.D.
University of Iowa Hospitals and Clinics
200 Hawkins Drive 21200 PFP
Iowa City, IA 52242
T: (319) 356-2169 F: (319) 356-4547

Jeremy L. Freeman, M.D.
University of Toronto
Mount Sinai Hospital
600 University Avenue #401
Toronto, ON M5G 1X5 Canada
T: (416) 586-3236 F: (416) 586-8600

Fellowship Programs and Contact Information (Continued)

Jeffrey R. Harris, M.D.
University of Alberta
8440-112 Street
1E4.33 Walter C. Mackenzie Health Science Center
Edmonton, Alberta T6G 2B7 Canada
T: (780) 407-7958 F: (780) 407-3885

Francisco J. Civantos, M.D.
University of Miami Hospital and Clinic
1475 NW 12th Avenue #4027
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T: (305) 585-7127 F: (305) 326-7610

Mark El-Deiry, M.D.
University of South Florida
Department of Otolaryngology- HNS
12902 Magnolia Drive, Suite 3057
Tampa, FL 33612
T: (813) 972-8463 F: (813) 979-3830

Terry Day , M.D.
Medical University of South Carolina
135 Rutledge Avenue
P.O. Box 250550
Charleston, SC 29425
T: (843) 792-0719 F: (843) 792-0546

William R. Carroll, M.D.
University of Alabama - Birmingham
BDB Suite 563
1530 3rd Avenue South
Birmingham, AL 35294
T: (205) 934-9766 F: (205) 934-3993

Douglas A. Girod , M.D.
University of Kansas School of Medicine
3901 Rainbow Blvd.
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Kansas City, KS 66160
T: (913) 588-6719 F: (913) 588-4676

Russell B. Smith, M.D., F.A.C.S.
University of Nebraska Medical Center
981225 Nebraska Medical Center
Omaha, NE 68198-1225
T: (402) 559-7775 F: (402) 559-8940

K. Alok Pathak, M.D.
University of Manitoba
GF 440 A, Health Sciences Centre
820 Sherbrook Street
Winnipeg, Manitoba R3A 1R9, Canada
T: (204) 787-8040 F: (204) 787-2768

Applicants Outside the Match:

- Since your training has been outside the U.S., you may not be eligible to participate in the Advanced Training Council fellowship match, which requires American Board of Surgery, Plastic Surgery or Otolaryngology eligibility.

You may, however, contact Program Directors individually for information regarding a fellowship at their institution. International fellowships will be awarded by institutions, with successful candidates receiving a certificate from the Advanced Training Council upon graduation from an approved fellowship program.

- Please contact the Program Director with your application request. The Secretary of the Advanced Training Council will not be responsible for disseminating your application or arranging any correspondence on your behalf.

University of Pittsburgh

Program Director: Robert L. Ferris, M.D., Ph.D., F.A.C.S.
Associate Professor and Chief
Division of Head and Neck Surgery
Departments of Otolaryngology and Immunology
Co-Leader, Cancer Immunology Program

Address: University of Pittsburgh Cancer Center
Suite 500, Eye and Ear Institute
200 Lothrop Street
Pittsburgh, PA 15213

Phone: (412) 647-4679

Fax: (412) 647-2080

Email: ferrisrl@upmc.edu
gigliottim@upmc.edu (Michelle A. Gigliotti-Program Coordinator)

Website: <http://otolaryngology.medicine.pitt.edu/>

Chairman of Department: Jonas T. Johnson, M.D., F.A.C.S.

Faculty involved with the Fellowship

Athanassios E. Argiris, M.D.

E. Leon Barnes, Jr., M.D.

Barton F. Branstetter, IV, M.D.

Uma Duvurri, M.D., Ph.D.

David E. Eibling, M.D.

Robert L. Ferris, M.D., Ph.D.

Jennifer R. Grandis, M.D.

Dwight E. Heron, M.D.

Jonas T. Johnson, M.D.

Eugene N. Myers, M.D.

Robert L. Peel, M.D.

Raja R. Seethala, M.D.

Carl H. Snyderman, M.D.

**Total Number of Positions Available per Year: Three (1 to 2-year)
Positions**

PROGRAM DESCRIPTION:

Overview: The Department of Otolaryngology at the University of Pittsburgh School of Medicine offers Fellowship training in Advanced Oncologic Head and Neck, as well as Cranial Base, Surgery.

History: Fellowship training in advanced oncologic head and neck surgery was begun at the University of Pittsburgh in the Department of Otolaryngology in 1984. This was merged with the Fellowship program in cranial base surgery in subsequent years.

Requirements of Applicants: Applicants must be Board Certified or eligible for certification in Otolaryngology, Plastic Surgery, or General Surgery. All applicants must be eligible for licensure to practice medicine in the State of Pennsylvania. The fellowship is a minimum of one year in duration. Applicants with a potential for a career in academic surgery are preferred.

Duties and Responsibilities of Trainees: The successful applicant will be appointed as in Instructor in Otolaryngology. Active participation in weekly tumor board and patient planning

conference, as well as all aspects of patient care, is anticipated. Training in advanced oncologic head and neck surgery includes teaching head and neck surgery; participating in advanced oncologic head and neck procedures, including surgery of the cranial base; and didactic training in the disciplines of radiation oncology and medical oncology. Currently, the fellow actually participates in a wide variety of surgeries, including cranial base surgery. Many procedures are undertaken in a multidisciplinary environment, including neurosurgery, plastic and reconstructive surgery, and thoracic surgery. The successful applicant must be able to function effectively in a high-volume surgical program with an emphasis on resident training and research. A multitude of opportunities for personal growth are available.

Research Opportunities: Identification of a research project is an essential component of the training program. Laboratory investigation may be pursued in a variety of laboratories affiliated with the University of Pittsburgh Cancer Institute or in the Department of Otolaryngology. Under most circumstances, this would require a commitment to a second year of training.

Strengths: Large surgical volume, including endoscopic laryngeal, endocrine and sinonasal/skull base surgery. Multidisciplinary, state-of-art management of head and neck cancer. Unique clinical and translational research opportunities through NIH funded research and training grants. More information is available on request.

CAREERS OF FORMER FELLOWS

- Aijaz Alvi, M.D. – Mercy Harvard Hospital Clinic, Harvard, Illinois
- Jeffrey Bumpous, M.D. - Professor, University of Louisiana, Louisville, Kentucky
- Johannes Fagan, M.D. – Chairman, Dept Oto. Groote Schuur Hospital, Capetown, South Africa
- Lisa Galati, M.D. – Associate Professor, Albany Medical College, Albany, New York
- Christine Gourin, M.D. – Associate Professor, Johns Hopkins University, Baltimore, Maryland
- Ehab Hanna, M.D. – Professor, MD Anderson Cancer Center, Houston, Texas
- Sefik Hosal, Professor, Hacettepe University, Ankara, Turkey

CAREERS OF FORMER FELLOWS

- Stephen Lai, M.D., Ph.D. – Associate Professor, MD Anderson Cancer Center, Houston, Texas
- Bert O'Malley, M.D. – Professor & Chairman, University of Pennsylvania, Philadelphia, Pennsylvania
- Dan Nuss, M.D. – Professor & Chairman, Louisiana State University, New Orleans, Louisiana
- Karen Pitman, M.D. – Professor, University of Mississippi Medical Center, Jackson, Mississippi
- Alfred Simental, M.D. – Professor & Chief, Dept. Oto. Loma Linda University, Loma Linda, California
- John Song, M.D. – Associate Professor, University of Colorado, Denver, Colorado
- Rohan Walvekar, M.D. – Assistant Professor, Louisiana State University, New Orleans, Louisiana
- Lee Zimmer, M.D. – Associate Professor, University of Cincinnati, Cincinnati, Ohio

INSTITUTIONAL RESPONSIBILITIES FOR RESIDENTS

(ACGME: American Council for Graduate Medical Education)

Resident eligibility: Applicants with one of the following qualifications are eligible for appointment to programs:

- Graduates of medical schools in the United States and Canada accredited by the Liaison Committee on Medical Education (LCME).
- Graduates of colleges of Osteopathic Medicine in the United States accredited by the American Osteopathic Association (AOA).
- Graduates of medical schools outside the United States and Canada who meet one of the following qualifications:
 - Have received a currently valid certificate from the Educational Commission for Foreign Medical Graduates prior to appointment, or,
 - Have a full and unrestricted license to practice medicine in a US licensing jurisdiction in which they are training.

A FEW FACTS

- Some 12,000 IMGs applied to the NRMP in 2008. of the 7,500 active IMG applicants who had certification and submitted a rank order list, 4,500 (55%) were successful in matching.
- The residencies matching the most IMGs were
 - family medicine (66%)
 - categorical internal medicine (45%)
 - psychiatry (44%)
 - rehabilitation medicine (43%)
 - pathology (41%).

State medical licensure is mandatory in order to perform “hands on” patient care and requires the following examinations:

- USMLEs (United States Medical Licensing Examinations) are a set of medical examinations designed to evaluate your readiness to safely enter the American Medical system. The organization that watches over the application of foreign nationals to the American Medical system is the ECFMG (Educational Commission for Foreign Medical Graduates) and they administer the USMLEs outside the United States. The USMLE is in the process of a substantial redesign program that will ultimately see Steps 1 and 2ck merged into a single test.

- **USMLE Step 1** is a multiple choice examination consisting of about 300 questions which covers all of the basic sciences – Anatomy, Biochemistry, Physiology, statistics, behavioral sciences, microbiology, pharmacology, pathology, ethics.
- **USMLE Step 2ck (clinical knowledge) and USMLE Step 2cs (clinical skills)** is the examination that American medical students take before being allowed to graduate from medical school
- 75% of international medical graduates/students pass on the first sitting, while 95% of American medical students do

- TOEFL (Test of english as a foreign language):
- If you take the USMLE step 2cs you do not have to take TOELF. Most failures by IMGs are on the basis of language.
- **USMLE Step 3** is taken by American students during their residency program. International students only need to take the USMLE part 3 if they plan to immigrate on a H-1B visa. This exam is only given in the United States.

RHINOLOGY FELLOWSHIPS (25) APPROVED BY AMERICAN RHINOLOGICAL SOCIETY

California Sinus Centers

Emory University

Georgia Sinus Institute

Johns Hopkins

The Lahey Clinic

Mass Eye and Ear Infirmary (Harvard)

Medical College of Georgia

Medical University of South Carolina

Midwest Sinus Center (Rush Medical Center)

Northwestern University

Oregon Health & Science University

Sinus & Nasal Institute of Florida

St. Paul's Sinus Center

Stanford University

Texas Sinus Institute

Union Memorial

University of Alberta

University of Iowa

University of Miami

University of Nebraska

University of Pennsylvania

University of Pittsburgh

University of Texas Southwestern

Vanderbilt University

Weill Medical College of Cornell

