

HARVARD *Otolaryngology*

NEWSLETTER OF THE DEPARTMENT OF OTOTOLOGY & LARYNGOLOGY OF THE HARVARD MEDICAL SCHOOL



Note from the Chairman

JOSEPH B. NADOL, JR., MD



In this fourth issue of the *Harvard Otolaryngology*, our newsletter for the Department of Otolaryngology at the Harvard Medical School, you will hear what's new at the hospitals, our

research laboratories, and our training programs. In *Otolaryngology News*, new faculty in hospital and non-hospital based staff will be introduced. We are all proud of the promotions of Drs. Trevor McGill, Ralph Metson, Ron Eavey, and John Rosowski to the rank of Professor of Otolaryngology and Laryngology at the Harvard Medical School. In addition, recent and upcoming courses and symposia sponsored by the Department, books published by staff and alumni, and news about our graduating residents will be presented.

Last year, the directorship of the Harvard/MEEI residency program in otolaryngology has been assumed by Dr. Michael Cunningham, a member of the Pediatric Otolaryngology Service at the Infirmary. In addition to his busy clinical and administrative responsibility, Michael is President-elect of the American Society of Pediatric Otolaryngology.

Progress towards achievement of the funding required to create the Harold F. Schuknecht Professorship of Otolaryngology and Laryngology at the Infirmary will be highlighted and Dr. Charles Liberman tells us of the development of a new facility, the Neil

and Louise Tillotson Laboratory at the Infirmary and the James Wiggins Professorship of Otolaryngology and Laryngology.

I hope that this latest edition of the newsletter will provide you with a sense of what's new in your training program and its hospitals and provide a forum for closer interaction among us all. ■

Note from the Program Director

Not Your Father's (or Even Your) Residency

MICHAEL J. CUNNINGHAM, MD



The Harvard Residency Program in Otolaryngology, just like all of us, continues to change with age. Recent changes over the past several years have been fairly significant, prompted by policies established

by the Accreditation Council for Graduate Medical Education (ACGME).

In July 2003, the ACGME instituted common duty hour standards for resident physicians across all medical and surgical programs with the goal of promoting higher quality learning and safer patient care. These standards include an 80-hour work week limit, a 24+ up to 6-hour limit on continuous duty, a minimal 10-hour rest period between duty shifts, in-house call no more frequent than once every three nights, and one in seven days free from patient care and educational obligations. In response to these

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“Our residency program, like all others, has been required to identify competency-based learning objectives and to develop methods of assessing resident attainment in these respects.”

duty hour standards, we now have one senior resident in-house at night on call at the Infirmary, our more senior residents take call from home while on the adult Longwood rotation, and our most junior residents work long days but no longer take in-house call while on their Infirmary rotations. These changes I believe have resulted in a more humane residency experience. They have, however, challenged us as faculty to provide as adequate an operative and clinical care experience as has been the case in the past.

In 2004, the ACGME officially endorsed an educational outcome assessment process germane to all accredited residency and fellowship training programs. Six general competencies were identified as “the logical building blocks” of professional development. These six competencies are patient care, medical knowledge, professionalism, systems-based practice, practice-based learning and improvement, and interpersonal and communication skills. Our residency program, like all others, has been required to identify competency-based learning objectives and to develop methods of assessing resident attainment in these respects. We have responded to this challenge in several ways. A 360° assessment of resident performance now takes place in which not only faculty assess resident performance, but senior residents assess their junior residents and vice versa on our multi-resident rotations. Along these lines we also solicit the evaluative opinions of nursing and other ancillary staff. The annual American Board of Otolaryngology written in-service examination is now supplemented by a yearly structured oral examination of our two most senior resident classes with a focus on five subspecialties—head and neck, otology, facial plastic and reconstructive, pediatrics, and general otolaryngology. The time-honored logging of operative case numbers is no longer in and of itself considered to be an adequate reflection of surgical competence. Objective surgical assessments of technical skills, so-called OSATS, have been developed for a wide variety of otolaryngologic procedures and are beginning to be used for assessing our residents’ progressive capabilities of performing requisite procedures.

Finally, monthly morbidity and mortality (M&M) conference presentations are being

formalized as a reflection of the residents’ interactive knowledge of systems-based practice and practice-based learning. The latter is of crucial importance in this new era of “maintenance of certification” once our residents complete their training.

To further meet both our own education objectives as well as ACGME Residency Review Committee mandates, we are in the process of revamping our didactic resident education program. The revised program will be directed at all four years of residency training, will run on a two-year biannual cycle so that each resident is exposed twice to the same topic over his or her four years of training, will be partially taught by the resi-

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HARVARD *Otolaryngology*

Harvard Otolaryngology is the newsletter of the alumni and staff of the Department of Otology and Laryngology of Harvard Medical School. Additional copies or subscription requests may be sent to: Ms. Barbara Beckman-Beard, Administrator for Medical Education, Massachusetts Eye and Ear Infirmary, 243 Charles Street, Boston, MA 02114, Phone 617-573-3654, Fax 617-573-3939.

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WHAT'S NEW AT MEEI

by JOSEPH B. NADOL, JR., MD



With retirement and other faculty comings and goings, there have been significant changes in each of the clinical divisions of otolaryngology and, in fact, the addition of a new division - Thyroid and Parathyroid Surgery.

Head and Neck Surgical Oncology Service

With the retirement of Dr. Richard Fabian, Dr. Daniel G. Deschler has assumed the role of director of the service and also serves as Acting Director of the Norman Knight Hyperbaric Medicine Center. Dr. Derrick T. Lin, with fellowship training in skull base surgery and microvascular reconstruction, joined the service in 2004. His research interest is the area of chemo-prevention of head and neck cancer. Dr. James Rocco was successful in competing for peer-reviewed funding for his research on the molecular biology of head and neck tumors.

Division of Laryngology and Voice and Speech Laboratory

Dr. Steven Zeitels and Dr. Robert Hillman left the division last year. Dr. Ramon Franco has done an admirable job as the acting director, and has in fact increased clinical services provided. Dr. Glenn Bunting has been appointed Clinical Director of the Voice and Speech Laboratory. Under Dr. Franco's leadership, the Boston Laryngology Society has been formed which includes participation from the Infirmary, Children's Hospital, Lahey Clinic, Bos-

ton University/Tufts, and Brigham & Women's Hospital. Following a national search for a new director, our search committee has wisely chosen Ramon Franco to serve as the Director of the Laryngology Service. The division plans a search for a senior investigator to serve as the Director of the Mosher Laryngology Research Laboratory and also a search for a clinical associate with special training in neurology.

Facial Plastic and Reconstructive Surgery

The Facial Nerve Clinic under the direction of Dr. Tessa Hadlock has increased the number of patients' visits both regionally and internationally. Collaborative arrangements with MGH allow provision of physical therapy services, and computer-assisted video documentation and analysis of facial movement is planned. Dr. Hadlock has received a five-year Clinical Investigator Development Award (KO8) from the NIH for research directed towards improvement in surgical outcomes in facial nerve injuries. Dr. Mack Cheney was honored with the annual humanitarian award by the American Academy of Facial Plastics and Reconstructive Surgery in recognition of his surgical missions in Latin American. Dr. Richard Gliklich has received funding for evaluation of a new minimally invasive procedure in facial plastic surgery. In conjunction with the Division of Laryngology, plans for a new otolaryngology laser center are being formulated.

Pediatric Otolaryngology

This service, as measured by surgical volume, is the busiest in the Department and has grown in the last year. Unique subspecialty services are offered including the Vascular Malformations Clinic organized by Dr. Michael Cunningham and the Pediatric Voice, Airway, and Swallowing Clinic, an interdepartmental effort with Pediatric Gastroenterology and Pulmonary Services at MGH directed by Dr. Christopher Hartnick. The service welcomes Dr. Donald G. Keamy, Jr. as the sixth and newest member of the team.

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Head and Neck
Surgical
Oncology

Division of
Laryngology and
Voice and Speech
Laboratory

Facial Plastic &
Reconstructive
Surgery

Pediatric
Otolaryngology

Otology,
Neurotology,
Audiology,
Cochlear Implant
Research Labora-
tory, and Vestibu-
lar Laboratory

General Otolaryn-
gology, Thyroid
and Parathyroid
Surgery

Basic Research

MEEI, continued from page 3

Otology, Neurotology, Audiology, Cochlear Implant Research Laboratory, and Vestibular Laboratory

Dr. Steven Rauch is the principal investigator of a new, NIDCD-funded clinical study for the management of sudden hearing loss. We welcome as a new member of the clinical team Dr. Jennifer Smullen, who completed clinical fellowship training in otology and neurotology at the University of Miami. Dr. Michael McKenna in conjunction with Drs. Sharon Kujawa and William Sewell and the Draper Laboratories has successfully competed for a newly funded grant to develop a drug delivery system for the inner ear. The Jenks Vestibular Physiology Laboratory under the direction of Dr. Daniel Merfeld added 1200 square feet of new laboratory space on the third floor of the Connecting Building, allowing successful competition for approximately 2.5 million dollars of new research grants from NASA. The Audiology Department under the direction of Dr. Sharon Kujawa provides an outstanding and comprehensive diagnostic and rehabilitative service to patients of all ages at three clinical sites, including newborn screening at four area hospitals. The yearly public forum "Have You Heard" was last held in 2005 and was well attended by members of the lay public.

General Otolaryngology and Thyroid & Parathyroid Surgery

Dr. Salah Salman's second book "Atlas of Diagnostic Nasal Endoscopy" was published in 2004.

Because of a significant increase in surgical volume, a new service, the "Division of Thyroid and Parathyroid Surgery" under the direction of Dr. Gregory Randolph, was created this year and includes a fellowship in thyroid and parathyroid surgery which will alternately accept as candidates individuals with a general surgical and otolaryngology training backgrounds.

Basic Research

Dr. Albert Edge of the Tillotson Laboratory will soon publish an article in the Journal of Neurobiology describing an in vitro system in which progenitors of neural cells form neuroprojections and connections with hair cells. Dr. Sharon Kujawa and Dr. Charles Liberman have demonstrated that in an animal model noise damage to the inner ear early in life renders the ear more vulnerable to age-related deterioration. Drs. Michael McKenna, Saumil

Merchant, Joe Adams, and their co-workers have identified that osteoprotegerin controls bone remodeling around the inner ear and that malformations of this mechanism may underlie disease states such as otosclerosis. Haobing Wang working with Dr. Merchant and other investigators in the Eaton-Peabody Laboratory developed an interactive, virtual three-dimensional model of human temporal bone which holds promise for both teaching and for research. A paper describing the development and application has been accepted for publication in *Otology & Neurotology*. A five-year grant from NIDCD to Dr. Bertrand Delgutte has been approved to study responses of cells in the auditory central nervous system. Dr. Stefan Heller recently moved to Stanford University to establish a new laboratory studying regeneration of the inner ear. Dr. Ruth Ann Eatock from Baylor College of Medicine has been recruited as a new investigator in the Eaton-Peabody Laboratory. Her special interest is biophysics of hair cells both in hearing and vestibular endorgans. ■



MEEI Enters 2006 Boston Marathon

The Infirmary is excited to be able to take part in the 110th running of the Boston Marathon, which will be held on Monday, April 17, 2006. John Hancock, lead sponsor of the Boston Marathon and sponsor of MEEI's Reynolds Society Dinner, has generously donated 50 numbers to the Infirmary for the upcoming event. Each person who runs with an MEEI number will be required to raise at least \$2,500 for MEEI. If you'd like to join the MEEI marathon team or know someone who would, please contact Special Events and Research Coordinator Courtney Hudson at 617-573-3347 or e-mail courtney_hudson@meei.harvard.edu ■

"Because of a significant increase in surgical volume, a new service, the "Division of Thyroid and Parathyroid Surgery" under the direction of Dr. Gregory Randolph, was created this year..."

WHAT'S NEW AT CHILDREN'S



by GERALD B. HEALY, MD

Children's Hospital Boston is the nation's largest pediatric medical center and is the major pediatric teaching facility affiliated with Harvard Medical School. Housing over 350 beds and the largest pediatric research facility in the world, the Hospital not only serves the children of greater Boston, but also all of New England as well as many international patients.

The Department of Otolaryngology & Communication Disorders was founded in the 1930's by Drs. Charles Ferguson and Carlyle Flake, pioneers in Pediatric Otolaryngology. Since that time, the department has continued its excellent care of children with otolaryngologic problems.

Dr. Gerald Healy continues in his position of Otolaryngologist-in-Chief and in addition serves as the Regent for Otolaryngology and Chair of the Board of Regents of the American College of Surgeons. Dr. Healy was invited to give the 2005 Ogura Lecture for the annual meeting of the Triological Society in Boca Raton, Florida.

Dr. Trevor McGill serves as Associate Chief of the Department and Professor of Otolaryngology and Laryngology at the Harvard Medical School.

Laboratory for Cellular and Molecular Hearing Research

The department's basic science research program is centered in the Laboratory for Cellular and Molecular Hearing Research and is overseen by Douglas Cotanche, PhD. The research focus of the laboratory is hair cell regeneration in the zebrafish ear and the avian cochlea and neural stem cell transplantation into the mammalian cochlea.

Dr. Cotanche was recently elected to a three-year term on the Council of the Associa-

tion for Research in Otolaryngology. He was also named as a Section Editor for Hearing Research in the area of biochemistry, genetics, development, regeneration and molecular biology.

Communication Disorders

This section of the department has recently undergone a major reorganization. Howard Shane, Ph.D., serves as the Director of Communication Disorders for the department and oversees five specific programs which include:

- 1) Speech and Language Pathology, 2) Communication Enhancement Center, 3) Diagnostic Audiology, 4) Habilitative Audiology, and 5) Boston Center for Deaf and Hard of Hearing.

Education

The department's training program serves to educate stu-

dents, residents, and fellows and is overseen by 11 full-time attending staff. The various divisions of the clinical program had in excess of 35,000 ambulatory patient visits during the year. In addition, more than 5,000 surgical procedures were performed by members of the department. This provides an immense educational experience for our trainees.

Pediatric ORL Hospitalist Program

The department also supports an advanced program in Pediatric Otolaryngology which was begun in 1978. This program has grown into one of the most respected programs in the world with 80% of graduates going on to academic practice.

Faculty News

Trevor J. McGill, M.D. was recently the Guest of Honor at the Royal Society of Medicine,



Gerald B. Healy, MD
Professor of Otolaryngology
and Laryngology



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section of Laryngology, in London where he lectured on “*Vignettes in Pediatric Otolaryngology*.” He was invited to be the William Wilde Discourser at the Irish Otolaryngological Society where he was presented with the “William Wilde Medal.” Past Wilde discoursers have included the late Professor Harold F. Schuknecht.

Margaret Kenna, M.D. serves as Director of Clinical Research in the department. Although she continues to see patients and direct her own research, she is in the process of building an infrastructure for clinical research for all the members of the department. Dr. Kenna’s own research continues to involve sensorineural hearing loss with an emphasis on the genetics of hearing loss.

David Roberson, M.D. has been named as the second physician faculty member of the newly formed Children’s Hospital Boston Program for Patient Safety and Quality.

Space - Expansion

The Children’s Hospital Boston purchased the site of the Waltham Hospital approximately two years ago. The institution has expanded a major clinical ambulatory facility in this location and will open a new Center for Communication Disorders at the Waltham site in the near future. This area will house the majority of our programs related to the diagnosis and treatment of disorders of human communication including the Communication Enhancement Center, the Cochlear Implant Center, and the Boston Center for Deaf and Hard of Hearing Children. There will also be a major ambulatory facility for otolaryngology in this location as well.

The department recently moved into nearly 14,000 square feet of new and renovated space at 333 Longwood Avenue. This will bring the entire department together in one location on the main campus. ■

dents themselves in addition to attendings’ supervision, and will hopefully more greatly integrate the basic sciences with clinical application in case presentation format where appropriate. A “protected” multi-hour education block time is envisioned which will be inclusive of certain traditional CME activities such as M&M conference and grand rounds. As such, it is hoped that this revised program would be educationally attractive to subspecialty full-time and general part-time faculty as well.

Finally, to prepare for the future, Drs. Nadol, Healy, and the other members of the academic department’s Executive Committee arranged for a faculty retreat focused on resident education which took place in December 2005. Specific topics addressed included mentoring for both faculty and residents, how to better incorporate the six ACGME-mandated core competencies mentioned previously, how to maximize resident education within the constraints of the 80-hour work week, and how specific we as a program should be in terms of choosing/directing our residents relative to their future career choices. Dr. Ajit K. Sachdeva, Director of the Division of Education from the American College of Surgeons, oversaw this session.

In summary, the Harvard Residency Program in Otolaryngology is in a period of change, but expectedly change for the better. The foundation of the program has two definite constants. One is the quality of our residents and resident applicants. The other is the educational devotion of both our full-time and part-time faculty at the Infirmary, the Brigham and Women’s Hospital, the Beth Israel Deaconess, and the Children’s Hospital. ■

“The institution has expanded a major clinical ambulatory facility in this location and will open a new Center for Communication Disorders at the Waltham site in the near future.”

Request for Alumni Notes & News

Help us make it better! I hope that you have enjoyed this issue of our newsletter. For our next alumni newsletter, I hope that you will provide feedback and information on your latest accomplishments, both personal and professional. Send your news to Ms. Barbara Beckman-Beard, Administrator for ENT Education, Massachusetts Eye and Ear Infirmary, 243 Charles Street, Boston, Massachusetts 02114. Phone 617-573-3654, Fax 617-573-3939, E-mail: Barbara_BeckmanBeard@meei.harvard.edu

WHAT'S NEW AT BRIGHAM & WOMEN'S

by Jo SHAPIRO, MD



The Division of Otolaryngology at Brigham and Women's Hospital (BWH) continues to expand its clinical, research, and teaching activities. At the end of July 2005 we moved our clinical operations into the main hospital at 45 Francis Street. This will give us closer access to our sickest hospitalized patients at BWH, which is a 735-bed, tertiary care hospital. Our surgical and clinic volume is rapidly increasing. BWH is constructing a new building across the street from the current hospital. There will be multiple new operating rooms, several of which will be dedicated to otolaryngology-head and neck surgery, and we are working closely with the nurses and architects to design the rooms to our specifications. We are actively recruiting faculty to further deepen and broaden our clinical, educational, and research endeavors.

We have an extremely active teaching service, providing teaching to medical students, surgical interns, medical residents, oral medicine fellows, allergy fellows, and faculty. We have the pleasure of working with and training the Harvard otolaryngology residents at all postgraduate levels.

Regarding our own faculty, we were fortunate to recently recruit Don Annino, M.D., D.M.D. Dr. Annino comes to us from Tufts-New England Medical Center where he was on staff for the past 10 years. He brings with him an extremely busy practice. He received his dental and medical education at Boston University. His residency was through the combined Boston University/Tufts University program. Following the completion of residency, he did a craniomaxillofacial and reconstructive fellowship in Bern, Switzerland. His interests include skull base surgery, head and neck oncologic surgery, and head and neck reconstruction, including microvascular reconstruction. In conjunction with Dong

Kim, M.D. of the BWH Neurosurgery Service, he has established an Endoscopic Skull Base Center at BWH. He recently had two papers presented at the North American Skull Base Society, which included his experience with endoscopic treatment of clival lesions. He had three papers presented at this year's Eastern Section of the Triological Society.



Jo Shapiro, MD

Dr. Neil Bhattacharyya is continuing his research on symptom-based diagnosis and surgical outcomes for chronic rhinosinusitis. His Triological thesis will be on the accuracy of diagnosis of chronic rhinosinusitis. He has recently published an article characterizing the clinical diagnosis and behavior of chronic recurrent rhinosinusitis. He was invited to give grand rounds on chronic rhinosinusitis and sinonasal malignancies at Stanford University Medical Center and Boston Medical Center. He maintains a clinical practice focused on chronic rhinosinusitis, voice disorders, and surgical therapy for obstructive sleep apnea. Dr. Bhattacharyya was recently promoted to Associate Professor of Otolaryngology and Laryngology.

Dr. Laura Goguen continues her clinical work in general otolaryngology as well as head and neck surgery. She is a key member of the multidisciplinary head and neck oncology service at the BWH/DFCI. She has recently submitted a paper on the role of neck dissections in patients treated with chemoradiation therapy. She presented a paper at the American Academy of Otolaryngology-Head and Neck Surgery meeting on dysphagia in patients treated with chemoradiation. She

The Division of Otolaryngology at Brigham and Women's Hospital continues to expand.

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Tillotson Unit for Cell Biology of the Inner Ear

M. Charles Liberman, Ph.D.

The new Tillotson Unit for Cell Biology of the Inner Ear was formally dedicated on May 10, 2005. The new facility, which represents the latest research addition to the Eaton-Peabody Laboratory (EPL) and the Department of Otolaryngology, will be home for the research activities of two new departmental investigators: Dr. Albert Edge and Dr. Huawei Li.



Albert Edge, Ph.D.

Dr. Edge is a biochemist and immunologist by training with considerable experience in the development of cell-based therapies for neurodegenerative diseases, including Parkinson's. He has now dedicated his research talents to the study of regenerative approaches to sensorineural hearing loss. Working in both an *in vitro* system and with animal models, he is studying the fates of transplanted progenitor cells. He and his colleagues

have already shown that transplanted neural precursors can survive and grow to recontact hair cells which have lost their normal sensory innervation.

Dr. Huawei Li is a molecular biologist who, in collaboration with other EPLers, discovered the presence of stem cells in the adult inner ear and showed that they could be coaxed to differentiate into hair cells and nerve fibers *in vitro*. He will be joining the department as a junior faculty member next spring and will concentrate his research efforts on the study of normal cochlear development and hair cell regeneration.

Construction and equipping of this new facility was made possible through the generous donations of a number of individuals. Special thanks go to Neil and Louise Tillotson, Jim Wiggins, and Ron and Janet Zwanziger.

The departmental research efforts in the area of hair cell degeneration and regeneration were provided with enduring financial support thanks to the funding of the James Wiggins Professorship of Otology and Laryngology at the Harvard Medical School. In the near term, the funds generated by this endowment will be used to support aspects of the work in the Edge and Li laboratories, and to help in the recruitment of an additional junior researcher to join the team. ■

continues her role as a faculty member on the Academy's Patient of the Month Program

Dr. Carl Norris is the surgical director of the DFCI/BWH Head and Neck Oncology Program, which has experienced considerable growth and expansion over the past five years. He participates in the many clinical trials generated by that group. He is the Associate Director the Harvard Otolaryngology Residency Training Program. He has been instrumental in implementing the ACGME Duty Hours Regulations for our trainees.

Dr. Jo Shapiro, Division Chief, is involved in educational leadership at all levels of training. She is part of the Medical Education Reform Initiative at Harvard Medical School, and she was the Co-chair of the Pedagogy Working Group for this effort. She was appointed as the Associate Director of Graduate Medical Education for Partners Healthcare, which is the department responsible for all of the more than 1400 residents and fellows in over 70 programs at BWH and Massachusetts General Hospital and their affiliates. In this capacity, she is working to help all programs incorporate the ACGME Core Competencies. Dr. Shapiro is also the Chair of the Continuing Medical Education Committee for the Society of University Otolaryngologists (SUO), in which capacity she is responsible for designing the management seminar for the annual SUO meeting. She maintains her clinical work and clinical research on dysphagia. Her clinical research is currently focused on studying the neuromyopathology of patients with cricopharyngeal dysfunction, including patients with Zenker's diverticuli.

Lynn Kepnes, NP, sees general adult otolaryngology patients. She participates in research with Dr. Bhattacharyya; they most recently published a study on the benefits of tonsillectomy for adults with chronic tonsillitis.

Christine Clarke, MS, CCP, Pam Harvey, CCC-SLP, and Adele Gagne, CCC-SLP ably lead the Divisions of Audiology, Voice, and Speech/Swallowing respectively. Our audiology division oversees the hearing screening of all the newborns at BWH.

None of our clinical, teaching or research efforts would be nearly as successful without the dedicated staff in our division under the guidance of our division administrator, Michele Keaney. ■

Names and Faces



Sherif M. Ammar, M.D.

Sherif M. Ammar, M.D. has joined the South Suburban Center in Quincy. He completed his residency training at the University of Medicine and Dentistry of New Jersey (UMDNJ) - New Jersey Medical School in Newark and a fellowship in facial plastic and reconstructive surgery at the Mount Sinai School of Medicine. Prior to coming to the Boston area, he was a clinical Assistant Professor at UMDNJ.



Brian J. Fligor, Sc.D.

Brian J. Fligor, Sc.D. has been appointed the Clinical Director of Audiology at Children's Hospital Boston. Brian joined the audiology staff upon completion of his doctoral degree at Boston University in 2002. His special research interest is recreational noise and hearing loss.



Stacey T. Gray, M.D.

Stacey T. Gray, M.D. joined the General Otolaryngology Service at MEEI this year. She completed her residency training at the Harvard Medical School and MEEI followed by a clinical fellowship in rhinology. Her clinical interests are chronic sinusitis and endoscopic approaches to the anterior skull base.



Eric H. Holbrook, M.D.

Eric H. Holbrook, M.D. joined the General Otolaryngology Service at MEEI in 2003. He completed his residency training and research at Virginia Commonwealth University. Prior to coming to Boston, he completed a fellowship in Rhinology/Sinus Surgery at the University of Nebraska in Omaha. Dr. Holbrook is a clinician-scientist with a special interest in olfaction and diseases of the sinuses.



Donald G. Keamy, Jr., M.D.

Donald G. Keamy, Jr., M.D. joined the Pediatric Otolaryngology Service at MEEI in 2005. He completed his residency training in otolaryngology and a clinical fellowship in pediatric otolaryngology at the University of Pittsburgh.



Derrick T. Lin, M.D.

Derrick T. Lin, M.D. joined the Head and Neck Surgical Oncology Service at MEEI in 2004. He completed his residency training at the Harvard Medical School and MEEI, a research fellowship in head and neck oncology at the Memorial Sloan Kettering Cancer Center in New York, and a fellowship in head and neck oncology, skull base surgery, and microvascular reconstruction at Vanderbilt University Medical Center in Nashville.



Michael B. Rho, M.D.

Michael B. Rho, M.D. joined the General Otolaryngology Service at the MEEI North Suburban Center in Stoneham this year. He completed his residency training at the Harvard Medical School and MEEI and a two-year fellowship as an NRSA research trainee on the department's training grant. His research involved head and neck oncology. His clinical interests are in otology, laryngology, rhinology, allergy, and sleep apnea.



Jennifer L. Smullen, M.D.

Jennifer L. Smullen, M.D. joined the Otolaryngology Service at MEEI in 2005. She completed her otolaryngology residency training at Tulane University School of Medicine in New Orleans and a neurotology and skull base surgery fellowship at the University of Miami. Her research interests include improving performance with cochlear implants and bilateral cochlear implantation.

ALUMNI & FACULTY NEWS

Promotions

On the Move

Richard Fabian Retires to Florida

Events

In Memoriam

PROMOTIONS

Professor

Ralph Metson, M.D. - 9/03
Trevor J. McGill, M.D. - 2/04
Roland D. Eavey, M.D. - 10/04
John R. Rosowski, Ph.D. - 5/05

Associate Professor

Neil Bhattacharya, MD - 04/04
Daniel Deschler, MD - 10/04
Carl Norris, MD - 10/02
Christopher Shera, PhD - 07/04
Jo Shapiro, MD - 12/03
Dennis Poe, MD - (FT) - 04/05

Assistant Professor

Albert Edge, PhD - 04/05
Ramon Franco, MD - 04/05
Barbara Fullerton, PhD - 10/02
Tessa Hadlock, MD - 04/05
Christopher Hartnick, MD - 7/03
David Kieff, MD - 04/04
Roger Nuss, MD - 04/05
James Rocco, MD, PhD - 01/05
Lionel Zupan, PhD - 04/05

Instructor

Huawei Li, PhD - 01/04
Stephane Maison, PhD - 10/02

New Appointments:

Donald Annino, Jr., MD - BWH, 4/05
Brian Fligor, ScD - Children's, 4/05
Stacey T. Gray, MD - MEEI, 11/05
Eric Holbrook, MD - MEEI, 7/03
Jennifer Smullen, MD - MEEI, 9/05
Donald Keamy, Jr., MD - MEEI, 9/05
Derrick Lin, MD - MEEI, 8/04
Michael B. Rho, MD - Stoneham, 11-05
Sherif Ammar, MD - Quincy, 7/05

ON THE MOVE

Dennis Poe, MD - to Children's
Mark Volk, MD - to Children's
David Vernick, MD - to part-time faculty
Harsha Gopal, MD - to part-time faculty
Seth Dailey, MD - to Wisconsin
Christopher Sullivan, MD - to NC
Steven Zeitels, MD - to MGH
James Heaton, PhD - to MGH
Robert Hillman, PhD - to MGH
James Kobler, PhD - to MGH

RICHARD FABIAN, M.D. RETIRES TO FLORIDA

On October 15, 2004, over 300 individuals attended a party in celebration of Dr. Richard Fabian's many contributions to oto-

laryngology. After completing his residency in otolaryngology at Harvard, Richard joined the Infirmary staff in 1971. He served as Director of the Plastic Surgery Service at the Infirmary, then joined a private practice in head and neck surgical oncology with the late Dr. Daniel Miller. In 1986 he was appointed Director of the Head and Neck Surgical Oncology Division at MEEI and at MGH. As Director he strove to improve the quality of medical care provided head and neck patients at the Infirmary. In 1993 the Intermediate Care Unit was opened providing a four-bed unit for more intensive postoperative care for head and neck patients. In the same year the Norman Knight Hyperbaric Medicine Unit was opened providing the advantages of hyperbaric medicine for troublesome head and neck wounds. Richard also was the founding President of the Massachusetts Society of Otolaryngology. Over the course of his career, he introduced several innovations including mid-line mandibulotomy for approach to the skull base, use of myocutaneous flap for reconstruction of the floor of the mouth and neo-esophagus, the use of adjuvant chemotherapy in advanced and high risk head and neck tumors, and photodynamic therapy and confocal microscopy as an adjunct to more conventional surgery. Richard is admired and beloved by several generations of residents. In 1979 he received the Golden Apple Award and in 1995 the Montgomery Award for Excellence in Resident Teaching.

Most of all, Richard is a generous man, generous of his time, talents, and heart. He, as a member of the staff, was someone whom one could always count on for sage advice and with no second agenda. He is a consummate teacher and role model for students and residents and a dedicated family man. He is a friend to us all. We wish Dick and his wife Lucy the very best in their retirement years in Florida.

EVENTS

Harvard CME Courses

Voice Surgery, September 2002 (Zeitels/Hillman)

Reconstruction & Wound Healing Problems in Head and Neck Surgery, November 2002 (Fabian)

Update in Otolaryngology & Otologic Surgery for the General Otolaryngologist, June 2003 (Nadol)

Surgery of the Thyroid & Parathyroid Glands,
November 2003 (Randolph)

Surgery of the Thyroid & Parathyroid Glands,
November 2004 (Randolph)

Voice Disorders Update, April 2005 (Franco)

Surgery of the Thyroid and Parathyroid
Glands, November 2005 (Randolph)

Graduation Speakers:

2005 Ernest A. Weymuller, Jr., MD

2004 Jeffrey Harris, MD, PhD

2003 Mark A. Varvares, MD

Lectureships

6/03/04 Grinspoon-Montgomery Lectureship
- Allen D. Hillel, M.D.; Prof., Dept. of ORL-
HNS, U. of Washington Medical Ctr.,
Seattle, WA

IN MEMORIAM

J. Grant Davis, M.D. (1957 - 2005)

We were saddened by the passing of J. Grant Davis. Grant completed his residency training at Harvard/MEEI in 1990. He died on August 4, 2005, as a result of an accident.

William Wayne Montgomery, M.D. (1923 - 2003)

The profession and our department lost a giant in our field with the passing of William Wayne Montgomery on November 7, 2003. Monty joined the faculty of the department at the Massachusetts Eye and Ear Infirmary in 1955 and was appointed professor in 1970. Following his appointment there were 48 years of remarkable contributions to the department and to the profession. As a clinician, Monty was clearly a renaissance man who made lasting and important contributions to all subspecialty areas of our profession, including otology, skull base surgery, general otolaryngology, head and neck surgical oncology, reconstructive surgery, and laryngology. Any one of us would have been proud to contribute what Monty did for one subspecialty, but he made them for all. His innovations were imminently practical, how to make procedures better, safer, more reliable. As a result, he was the "go to person" for his colleagues for difficult problems in all subspecialty areas. Equally important to his clinical contributions were Monty's contributions to teaching and mentoring; he captivated the admiration and imagination of generations of residents and fellows.

His ability to accomplish so much was a product of his unique personality, including ingenuity, innovation, and an uncanny sense of what would work and what would not in a marriage of innovation and craftsmanship, whether it be wood working or surgery, and a personal humility that never let ego get in the way. His humanistic qualities, including being

a good judge of character, a way of finding and promoting personal strengths in others, will be greatly missed. Innovator, teacher, role model, mentor, and friend. His contributions to our patients, to the professional skill set, and to the department and to his many students and friends will continue to influence how we treat our patients and how we treat each other. At the request of his family, the Development Office is in the process of fund raising to support a William W. Montgomery, M.D. Fellowship. A permanent endowment is planned to provide financial support to allow young physicians to pursue specialized clinical or research fellowship training in laryngology and head and neck surgery. A memorial minute written by Nelson Kiang, Mark Varvares, Hermes Grillo, and J.B. Nadol was published by the Harvard Medical School in October, 2005.

Michael John Murray, M.D. (1942 - 2004)

We were saddened to learn of the passing of Michael Murray. Mike completed his residency training at Harvard/MEEI in 1972. He died on January 1, 2004 after a long illness. ■

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The Harvard Medical School has a Web page (<http://www.med.harvard.edu/>). By clicking on "Teaching Hospitals and Affiliated Institutions" one will access the Harvard Medical Center (HMC) Net. There one may use cyberspace to learn more about the doings at BI-Deaconess, Children's, Brigham and Women's, and MEEI, as well as the other clinical affiliates of the Harvard Medical School. ■



<http://www.med.harvard.edu>

CAMPAIGN FOR THE HAROLD F. SCHUKNECHT PROFESSORSHIP

A campaign to fund a professorship in the Department in honor of the late Harold F. Schuknecht was begun on September 2003. Hal Schuknecht served as Chief of Otolaryngology and Chairman of the Department between 1961 and 1984. His many contributions include a number of surgical innovations, particularly in stapes surgery, and insisting upon a scientific basis for otologic diagnosis and treatment including temporal bone histopathology. The Harold F. Schuknecht Professorship of Otolaryngology and Laryngology will be endowed at the Harvard Medical School and be permanently based at the Infirmary and will support a clinician or scientist in the area of otology. We are grateful to the following friends and alumni who to date generously supported the HFS Professorship. If you would like to join them in paying tribute to Dr. Schuknecht by making a gift, you may contact Melissa Paul in the Development Office at 617-573-4168.

BENEFACTORS



*The Late Harold F. Schuknecht, MD
circa 1989*

Schuknecht Leadership Circle: \$50,000+

Michael M. Paparella, M.D.
Mrs. Frederic N. Schwartz

Benefactor: \$10,000 - \$24,999

Mr. & Mrs. Harold Danser
Edward D. Donovan, M.D.
Jon B. Liland, M.D.
Robert H. Lofgren, M.D.
Trevor J.I. McGill, M.D.
Mr. & Mrs. Richard Prouty

Patron: \$5,000 - \$9,999

Anonymous (1)
Fred G. Arrigg, Jr., M.D.
Wayne Barber, M.D.
Barry J. Benjamin, M.D.
Nicolas Bu-Saba, M.D.
Collin S. Karmody, M.D.
Herbert J. Koops, M.D.

Massachusetts ENT Associates
Yoshihiko Murakami, M.D., D.M.Sc.
Joseph B. Nadol, Jr., M.D.
Syed S. Rizvi, M.D.
Temporal Bone Foundation
Britt A. Thedinger, M.D.
Eugene G. Tudor, M.D.
Pa-Chun Wang, M.D.
Michael Zoller, M.D.

Friend: \$2,000 - \$4,999

Anonymous (2)
Robert S. Kimura, Ph.D.
Alastair M. Pettigrew, M.D.
Neil Bhattacharyya, M.D.
Donald G. Keamy, M.D.
Alan G. Kerr, M.D.
H.C. Patterson, III, M.D.
Edward J. Reardon, M.D.
Feodor Ung, M.D.
Makoto Igarashi, M.D.
Jose D. Angeles, M.D.
Francisco Antoli-Candela, Jr., M.D.
Yale J. Berry, M.D.
David M. Bowling, M.D.
Daniel G. Deschler, M.D.
Thomas L. Eby, M.D.

Frank P. Fehner, M.D.
Bruce A. Feldman, M.D.
Mr. Rufus L. Grason
Koji Hozawa, M.D.
Tetsuo Ishii, M.D.
Roger S. Kaufman, M.D.
Umang Khetarpal, M.D.
Ken Kitamura, M.D.
Arthur Octavio Kós, M.D.
Saumil N. Merchant, M.D.
Joseph A. Moretti, M.D.
Tetsuo Morizono, M.D.
Yasuya Nomura, M.D.
Iwao Ohtani, M.D.
James J. Pappas, M.D.
Jay T. Rubinstein, M.D.
Ralph R.F. Ruby, M.D.
Haruo Saito, M.D.
Isamu Sando, M.D., D.M.Sc.
Hideichi Shinkawa, M.D.
Herbert Silverstein, M.D.
Terence J. Steward, F.R.C.S.
Tadahiko Takahashi, M.D.
Tomonori Takasaka, M.D.
Robert L. Witt, M.D.
Toshio Yamashita, M.D.
Supporter: \$25 - \$1,999
John F. Ansley, M.D.
Mr. & Mrs. Frank J. Barresi
Charles W. Cummings, M.D.
Seth H. Dailey, M.D.
Claes H. Dohlman, M.D.
William S. Fisher, III, M.D.
Ms. Constance Grillo
Mrs. Mabel J. Jannini
John A. Kirchner, M.D.
Thomas R. Klein, M.D.
Taeko Okuno, M.D.
Dennis S. Poe, M.D.
Professor Michel Portmann
Leonard R. Proctor, M.D.
Dr. & Mrs. Gregory W. Randolph
Mr. Norman Samel
Robert A. Sofferman, M.D.
Joseph H. Traxler, M.D.

Class of 2003



Residents

Jeannie H. Chung, M.D.

2003-04 - Clinical Fellow, Facial Plastic & Reconstructive Surgery, Albany Medical Center, Albany, NY; currently - private practice, Salem and Melrose, MA

Frank P. Fechner, M.D.

2003-04 - Fellow, Facial Plastic & Reconstructive Surgery, NYU Medical Center, NY; currently - private practice, Worcester, MA

Derrick T. Lin, M.D.

2003-04 - Clinical Fellow, Head & Neck Surgical Oncology/Skull Base Surgery and Microvascular Free Flap Reconstruction, Vanderbilt University, Nashville, TN; currently - full-time staff, MEEI

L. Mike Nayak, M.D.

2003-04 - Clinical Fellow, Facial Plastic & Reconstructive Surgery, Highland Park, NJ; currently - Director, Div. of Facial Plastic & Reconstructive Surgery, Dept. of Otolaryngology, St. Louis University, MO

Research Fellows

Thongchai Bhongmakapat, M.D.

2002-03 - Research Fellow, Otolaryngology, MEEI; currently - Staff, ENT Dept., Ramathibodi Hospital, Bangkok, Thailand

Gabor Keresztes, Ph.D.

2002-03 - Research Fellow, Otolaryngology, MEEI; currently - Staff, Research Institute of Innovative Technology for the Earth, Japan

Aayesha M. Khan, M.D.

2001-03 - Research Fellow, Otolaryngology, MEEI; currently - Resident in Otolaryngology, St. Louis University, MO

Thongchai Luxameechanporn, M.D.

2002-03 - Research Fellow, Head & Neck, MEEI; currently - Staff, ENT Dept., Ramathibodi Hospital, Bangkok, Thailand

Sukyung Park, Ph.D.

2002-03 - Research Fellow, Otolaryngology, MEEI; currently - Assistant Professor, Dept. of Mechanical Engineering, KAIST, Daejeon, Korea



Left to Right: Frank Fechner, Jeannie Chung, Derrick Lin, Mike Nayak

Yongyuth Wasinwong, M.D.

2002-03 - Research Fellow, Otolaryngology, MEEI; currently - Instructor, Dept. of Otolaryngology, Srinakharinwirot University, Thailand

Clinical Fellows

Babak Azizzadeh, M.D.

2002-03 - Clinical Fellow, Facial Plastic & Reconstructive Surgery, MEEI; currently - private practice, Beverly Hills, CA

James A. Burns, M.D.

2002-03 - Clinical Fellow, Laryngology, MEEI; currently - Staff, Dept. of Surgery (Laryngology), MGH, Boston, MA

Raj Sindwani, M.D.

2002-03 - Clinical Fellow, Rhinology, MEEI; currently - Staff, Div. of Rhinology & Sinus Surgery, St. Louis University, MO

M. Beatriz Silveira, M.D.

2002-03 - Clinical Fellow, Otolaryngology, MEEI; currently - private practice, Denver, CO

Kenneth R. Whittemore, Jr., M.D.

2002-03 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Boston, MA; currently - Staff, Pediatric Otolaryngology Dept., Westfall Surgery Center, Rochester, NY



Left photo (L-R): Aayesha Khan, Thongchai Luxameechanporn, Yongyuth Wasinwong

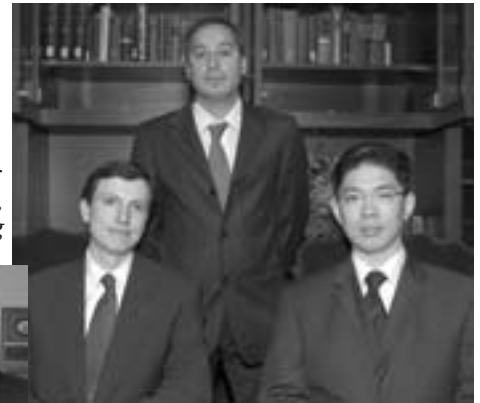


Right photo (L-R): James Burns, Babak Azizzadeh, Raj Sindwani

Class of 2004



Left Photo - Standing (L-R): Ron de-Venecia, Anh Nguyen-Huynh; Sitting: Carlos Ayala, Stacey Gray



Right Photo - Standing: Syed Kamil; Sitting (L-R): Anthony Mikulec, Feo Ung



Left to Right: Ophir Handzel, Heidi Nakajima, Karen Watters, Andreas Zehnder

Residents

Carlos Ayala, M.D.

Currently - Chief, Division of ENT, USAF, Tampa, FL

Ronald K. deVenecia, M.D., Ph.D.

Currently - Clinical Fellow, Neurotology, MEEI

Stacey T. Gray, M.D.

2004-05 - Clinical Fellow, Rhinology, MEEI; currently - Full-time Staff, MEEI

Anh T. Nguyen-Huynh, M.D., Ph.D.

Currently - Clinical Fellow, Neurotology, Stanford Univ., CA

Research Fellows

Kuo-Ping Chang, M.D.

2003-04 - Research Fellow, Otolaryngology, MEEI; currently - Staff, Kaohsiung Veterans General Hospital, Taiwan

Ophir Handzel, M.D., L.L.B.

2003-04 - Research Fellow, Otolaryngology, MEEI; currently - Clinical Instructor, Hebrew University & Hadassah School of Medicine, Jerusalem, Israel

Hideko Heidi Nakajima, M.D., Ph.D.

2003-04 - Research Fellow, Otolaryngology, MEEI; currently - Resident in Otolaryngology, MEEI

Mitsuru Sugawara, M.D.

2002-04 - Research Fellow, Otolaryngology, MEEI; currently - Faculty, Dept. of Otolaryngology, Tohoku University School of Medicine, Sendai, Japan

Karen F. Watters, MB, BCH

2003-04 - Research Fellow, Otolaryngology, MEEI; currently - Specialist Registrar, Dept. of Otolaryngology, Royal College of Surgeons, Ireland

Andreas Zehnder, M.D.

2003-04 - Research Fellow, Otolaryngology, MEEI; currently - Oberarzt, ENT Clinic, University Hospital, Basel, Switzerland

Clinical Fellows

Scott E. Brietzke, M.D.

2003-04 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Boston, MA; currently - Staff, Dept. of Otolaryngology, Walter Reed Army Medical Center, Washington, DC

David J. Brown, M.D.

2003-04 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Boston, MA; currently - Assistant Professor, Johns Hopkins Medical Center, Baltimore, MD

Rajesh K. Chopra, M.D.

2003-04 - Clinical Fellow, Facial Plastic & Reconstructive Surgery, MEEI; currently - Staff, Harbor-UCLA Medical Center, Los Angeles, CA

Adriane I. DeWitt, M.D.

2003-04 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Boston, MA; currently - Assistant Professor, University of Kansas Medical Center, Kansas City, KS

Syed Kamil, M.D.

2002-04 - Clinical Fellow, Pediatric Otolaryngology, MEEI; currently - Private practice, Worcester, MA

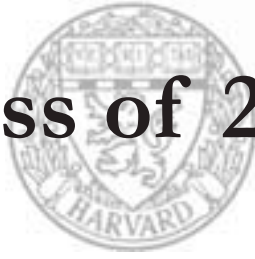
Anthony A. Mikulec, M.D.

2002-04 - Clinical Fellow, Neurotology, MEEI; currently - Full-time staff (Otolaryngology & Neurotology), St. Louis University, MO

Feodor Ung, M.D.

2003-04 - Clinical Fellow, Rhinology, MEEI; currently - Private practice, Lombard, IL

Class of 2005



Residents

Adele K. Evans, M.D.

Currently - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Philadelphia, PA

Vijay K. Nayak, M.D.

Currently - Private practice, Chelmsford, MA

Vicente A. Resto, M.D., Ph.D.

Currently - Clinical Fellow, Head & Neck Oncology/Skull Base and Microvascular Reconstructive Surgery, MEEI

Michael B. Rho, M.D.

Currently - Full-time staff, North Suburban Ctr., Stoneham, MA

Research Fellows

Math Cuajungco, Ph.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Research Fellow, Stanford University, CA

Christian Grimm, Ph.D.

2004-04 - Research Fellow, Otolaryngology, MEEI; currently - Research Fellow, Stanford University, CA

Ming-ye Lin, M.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Medical Staff, Dept. of Otolaryngology, Veterans General Hospital, Kaohsiung, Taiwan

Angelo Monroy, M.D.

2004-05 - Research Fellow, Pediatric Otolaryngology, MEEI; currently - ENT Clinical Fellow, Children's Hospital, Buffalo, NY

Hideki Mutai, Ph.D.

2002-05 - Research Fellow, Otolaryngology, MEEI; currently - Staff Scientist, National Hospital Organization, Tokyo Medical Center, Japan

Kazuo Oshima, M.D., Ph.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Research Fellow, Stanford University, CA

Qingwei Ruan, M.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Postdoctoral Fellow, ENT Dept., Jiaotong University, Shanghai, China

Pascal Senn, M.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Research Fellow, Stanford University, CA

Faramarz Shabdiz, M.D.

2004-05 - Research Fellow, Pediatric Otolaryngology, MEEI; currently - General Surgery Resident, U Mass Medical Center, Worcester, MA



Left to right: Chitsuda Wacharasindhu, Faramarz Shabdiz, Angelo Monroy, Mehmet Somdas



Left to right: Vicente Resto, Michael Rho, Vijay Nayak, Adele Evans

Mehmet A. Somdas, M.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Assistant Professor, Dept. of Otorhinolaryngology-Head and Neck Surgery, Erciyes University Medical School, Kayseri, Turkey

Chitsuda Wacharasindhu, M.D.

2003-05 - Research Fellow, Otolaryngology, MEEI; currently - Director, Wing 23 Hospital, Royal Thai Air Force, Bangkok, Thailand

Zhiang Xu, Ph.D.

2004-05 - Research Fellow, Otolaryngology, MEEI; currently - Research Fellow, Stanford University, CA

Clinical Fellows

Manali Amin, M.D.

2004-05 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital Boston, MA; currently - Staff, Children's Hospital, Boston, MA

Paul Digoy, M.D.

2004-05 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Boston, MA; currently - Staff, University of Oklahoma Medical Center, Oklahoma City, OK

Stacey T. Gray, M.D.

2004-05 - Clinical Fellow, Rhinology, MEEI; currently - Otolaryngology staff, MEEI

Johannes Grimmer, M.D.

2004-05 - Clinical Fellow, Pediatric Otolaryngology, Children's Hospital, Boston, MA; currently - Staff, Div. of Otolaryngology (Pediatrics), University of Utah, Salt Lake City, UT

Christian M. Slough, M.D.

2004-05 - Clinical Fellow, Thyroid & Parathyroid Surgery, MEEI; currently - Resident in Otolaryngology, Oregon Health Sciences University, Portland, OR



Christian Slough and Stacey Gray



Meet the New Professors

Ralph W. Metson, M.D.

Ralph Metson first joined the Department as a Research Fellow at the Massachusetts Eye and Ear Infirmary in 1985. Following this, he entered private practice and



over the years he has become one of the world's experts in the area of endoscopic sinus surgery. He has been involved in the advancement of intraoperative image-guided techniques for sinus surgery, the study of surgical lasers and the measurement of the quality of life as a result of sinus surgery. He has also helped

in the development of endoscopic orbital surgery for dacryocystorhinostomy and orbital decompression for Grave's orbitopathy. In addition to over 60 original articles, Ralph has been an author and co-author of 18 chapters on various aspects of endoscopic surgery and has been an effective educator for residents and in a wide variety of professional symposia on an international level.

Trevor J. I. McGill, M.D.

Trevor McGill began his career in the Department in 1974 as a Research and Clinical Fellow at MEEI. Upon the completion of his fellowship, he joined the full-time faculty at Children's Hospital. He has a special clinical interest in airway disorders, tumors, and congenital head and neck anomalies in the pediatric population. He has been a willing and able contributor to the Department's teaching programs over the years. He has been honored for his many contributions by several senior otolaryngology societies. In addition to his many peer-reviewed articles, Dr. McGill is a co-editor for the popular textbook "Pediatric Otolaryngology—Principle and Practice Pathways".



Roland D. Eavey, M.D.

Ron Eavey joined the Department as a Resident in Otolaryngology at the Harvard/MEEI program in 1978. Upon completion of residency, he became the first full-



time faculty member in Pediatric Otolaryngology at the Infirmary and under his leadership it has become the busiest clinical division. His special clinical interest is pediatric otology. He has contributed techniques for reconstruction of the atretic ear including collaboration on novel tissue engineering and molecular biology efforts. In addition, he has

over the years developed a successful and ongoing collaboration with the Department of Genetics at the Harvard Medical School including cloning the gene for Bjornstadt syndrome. He is known on an international basis for his teaching efforts, particularly in Latin America, receiving recognition from the World Health Organization.

John J. Rosowski, Ph.D.

John Rosowski first joined the Department as a Research Fellow at the Eaton-Peabody Laboratory in 1979. He is a full-time laboratory investigator at the Eaton-Peabody Laboratory and a Faculty Affiliate at the Harvard/MIT Division of Health Sciences and Technology. He is known internationally for his investigative work in auditory physiology both in comparative anatomy of hearing and the mechanics of the middle ear and most recently how this may be applied to the understanding of surgical techniques for reconstruction of the middle ear in human patients. He has been heavily involved over the years in the Speech, Hearing, Bioscience and Technology Program at Harvard/MIT, not only as an effective teacher but as a co-director of the program, member of the Curriculum Committee, Student Tracking Committee, and Executive Committee. ■

