

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF OTORHINOLARYNGOLOGY

Douglas B. Chepeha, M.D., associate professor of otorhinolaryngology, with tenure, Department of Otorhinolaryngology, Medical School, is recommended for promotion to professor of otorhinolaryngology, with tenure, Department of Otorhinolaryngology, Medical School.

Academic Degrees:

M.S.	1997	University of Michigan
M.D.	1988	University of Alberta, Canada
B.S.	1986	University of Alberta, Canada

Professional Record:

2005-present	Associate Professor of Otorhinolaryngology, University of Michigan
1998-2005	Assistant Professor of Otorhinolaryngology, University of Michigan
1995-1998	Lecturer, Department of Otorhinolaryngology, University of Michigan

Summary of Evaluation:

Teaching: Dr. Chepeha has proven himself to be a dedicated educator who is highly committed to providing the very best training possible. He has been involved with teaching undergraduate students, medical students, residents and fellows. He has successfully mentored numerous students, residents and fellows who have gone on to academic appointments at leading universities in the United States and Canada. In recognition of his contributions as an educator, Dr. Chepeha has been an invited participant and speaker at educational programs at numerous universities including the University of Pittsburgh, the University of Toronto, and Beth Israel in New York, as well as in Greece and the Netherlands. In his role as fellowship director for the head and neck surgical oncology and microvascular fellowship, Dr. Chepeha commits approximately 10 hours per week to instructing fellows. He is also an important member of the otolaryngology faculty in training residents and medical students, contributing 10-15 hours of clinical teaching a week. A significant portion of his teaching efforts occur in clinical settings, in addition he gives lectures and leads discussion groups with residents, fellows and medical students. He regularly participates in an annual weekend dissection laboratory attended by 15-20 residents and demonstrates the head and neck examination to medical students in their first year. He has organized and led the Otorhinolaryngology Journal Club. Dr. Chepeha has authored or co-authored several chapters in educational textbooks.

He is innovative in his teaching methods, for example a resident and student favorite is his modeling clay laryngeal anatomy class where he and the students build a larynx with modeling clay. Dr. Chepeha was recognized this year by the otorhinolaryngology residents with the "Frank Ritter Award for Resident Teaching," given by the graduating residents to the faculty member felt to have made the most significant educational contributions to their training.

Research: Dr. Chepeha has made significant contributions to the field of otorhinolaryngology. Currently he has authored or been a co-author for 86 manuscripts published in peer reviewed journals with five additional papers in press and 15 chapters in textbooks. His current research support includes collaborative funding from an R01 investigating biomarkers to guide treatment and improve survival in oral and oropharyngeal cancer. He co-directs the Tissue Core for the Specialized Program of Research Excellence (SPORE) in Head and Neck Cancer. Dr. Chepeha is participating in a multicenter trial evaluating new techniques for sentinel lymph node detection in the head and neck. He is the principal investigator of a seed grant project under the Head and Neck SPORE analyzing matted lymph nodes as a prognostic marker in oropharyngeal squamous cell cancer. He is an active investigator or collaborator on numerous departmental and institutional protocols investigating head and neck cancer and novel treatment regimens. Dr. Chepeha's work has led to improvements in the treatment of patients with head and neck cancer. He has been particularly influential in the field of head and neck reconstructive surgery where his work has resulted in a more liberal application of head and neck reconstructive techniques which have improved patient function and quality of life. His publications have reported new and novel treatment approaches for patients with head and neck cancer and the impact they have on patients' quality of life and outcome. Dr. Chepeha has been appointed as the chair of the American Academy of Otolaryngology Microvascular Surgery Committee in recognition of his leading role in this field of study. He has been invited to make presentations regarding his research at numerous national and international meetings. He has been asked to participate as an expert on educational panels at many highly regarded national and international meetings, and is widely recognized as a leader in his field.

Recent and Significant Publications:

Feng F, Kim HM, Lyden TH, Haxer MJ, Worden FP, Feng M, Moyer JS, Prince ME, Wolf GT, Bradford CR, Chepeha DB, Eisbruch A: Intensity-modulated chemo-radiotherapy aiming to reduce dysphagia in patients with oropharyngeal cancer: clinical and functional results. *JCO* 28:2732-2738, 2010.

Chepeha DB, Khariwala SS, Chanowski EJ, Zumsteg JW, Malloy KM, Moyer JS, Prince ME, Sacco AG, Lee JS: Thoracodorsal artery scapular tip autogenous transplant: vascularized bone with a long pedicle and flexible soft tissue. *Arch Otolaryngol Head Neck Surg* 136:958-964, 2010.

Chepeha DB, Teknos TN, Fung K, Shargorodsky J, Sacco AG, Nussenbaum B, Jones L, Eisbruch A, Bradford CR, Prince ME, Moyer JS, Lee JS, Wolf GT: Lateral oromandibular defect: when is it appropriate to use a bridging reconstruction plate combined with a soft tissue revascularized flap? *Head & Neck Surgery* 30:709-717, 2008.

Chepeha D, Teknos T, Shargorodsky J, Sacco A, Lyden T, Prince M, Bradford C, Wolf G: Rectangle tongue template for reconstruction of the hemiglossectomy defect. *Archives of Otolaryngology – Head & Neck Surgery* 134:993-998, 2008.

Fung K, Teknos TN, Vandenberg CD, Lyden TH, Bradford CR, Hogikyan ND, Kim J, Prince ME, Wolf GT, Chepeha DB: Prevention of wound complications following salvage laryngectomy using free vascularized tissue. *Head and Neck* 29:425-430, 2007.

Service: Dr. Chepeha holds a number of important leadership positions nationally and within the institution. He is currently the chair of the Microvascular Committee of American Academy of Otolaryngology-Head and Neck Surgery. This committee helps define and implement educational and research initiatives related to microvascular surgery on a national basis. Prior to his appointment as chair, he was an important member of this committee for many years. He is also a current member of the Advanced Training Council of the American Head and Neck Society. As part of his responsibilities he has reviewed several microvascular and head and neck oncologic surgery fellowships on their behalf. In addition, Dr. Chepeha has served on several other committees within the American Head and Neck Society, and been recognized for his work. Dr. Chepeha currently leads the Head and Neck Cancer Destination Program at the University of Michigan. He is a member of the Bed Utilization Committee, an essential committee to the efficient functioning of the University Hospital. He also serves on the Medical School Admissions Committee. In recognition of his expertise and leadership skills in the area of research project design and student mentoring, Dr. Chepeha was appointed co-chair of the Department of Otorhinolaryngology Research Committee, which directs resident, medical student and undergraduate student research activities.

External Reviewers:

Reviewer A: “He has advanced the field of head and neck oncology with his work on sentinel node biopsy for head and neck tumors and involvement with the SPORE in head and neck cancer at the University of Michigan in both basic science and clinical projects.”

Reviewer B: “Dr. Chepeha is known nationally for his work in microvascular surgery. He is recognized both for his technical expertise and for his scholarship in the field of microvascular reconstruction and general head and neck reconstruction....His scholarship, coupled with his leadership and as the committee chair of the Academy Reconstruction Committee, has resulted in a national influence and prominence that would be expected of a professor from a distinguished university.”

Reviewer C: “His contributions in the field of microvascular surgery are remarkable and well known to the majority of head and neck surgeons around the country. He has been a guest speaker at many national and international society meetings and is considered to be one of the authorities in the field of head and neck surgery.”

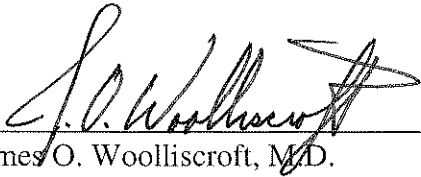
Reviewer D: “He is a recognized educator of both residents and fellows in their acquisitions of skills in head and neck ablative and reconstructive surgery. He has successfully mentored numerous residents and fellows who have gone on to advanced training in head and neck

surgical oncology and microvascular reconstruction and to academic appointments at leading universities both in the United States and Canada...”

Reviewer E: “As an educator, Dr. Chepeha has stood out. He leads a world-class fellowship that is highly sought and in my view, is among the top three such fellowships in the world....Dr. Chepeha is well-recognized as among the most multitalented academics with an international standing as a world-class microvascular reconstructive surgeon.”

Summary of Recommendation:

Dr. Chepeha has a strong record of success and excellence as a clinician, researcher and teacher. His abilities are recognized nationally and internationally. He currently fills several national leadership positions in his field. Dr. Chepeha has tremendous potential for continued success as an academic surgeon and leader. I am therefore pleased to recommend Douglas B. Chepeha, M.D. for promotion to professor of otorhinolaryngology, with tenure, in the Department of Otorhinolaryngology, Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2012