

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF OTOLARYNGOLOGY-HEAD AND NECK SURGERY

Steven B. Chinn, M.D., M.P.H., assistant professor of otolaryngology-head and neck surgery, Department of Otolaryngology-Head and Neck Surgery, Medical School, is recommended for promotion to associate professor of otolaryngology-head and neck surgery, with tenure, Department of Otolaryngology-Head and Neck Surgery, Medical School.

Academic Degrees:

M.D.	2008	University of Southern California, Los Angeles, CA
M.P.H.	2004	University of Michigan, School of Public Health, Ann Arbor, MI
B.S.	2001	University of California, Irvine, CA

Professional Record:

2016 – Present	Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, University of Michigan, Ann Arbor, MI
----------------	--

Summary of Evaluation:

Teaching: Dr. Chinn is actively engaged in didactic teaching and mentoring. He teaches learners at all levels both as a head and neck surgical oncologist and microvascular surgeon and as a surgeon-scientist in the lab. Learners include clinical fellows, residents, post-doctoral fellows, medical students, graduate students, and undergraduate students. Institutionally, has given lectures or seminars in multiple forums, including at the Head and Neck Oncology Program retreats and faculty research conferences, Head and Neck Dissection Course, and an M1 Otolaryngology course as well as courses for the School of Public Health. Teaching evaluations are very good to excellent. Trainees commented on his passionate, approachable, and methodical teaching style with several residents describing his instruction as ‘unparalleled.’ Dr. Chinn received an Otolaryngology Mentorship Award and the Charles J. Krause Teaching Award in recognition of the high quality of his teaching and mentoring. He is the resident education lead and was recently appointed as the associate program director of the Head and Neck Fellowship.

Research: Dr. Chinn has a multi-faceted research program with a primary goal of understanding head and neck tumors and immune microenvironment and the plasticity of cancer stem cells. He has been successful in obtaining funding support. His current research has been funded by the National Institutes of Health (NIH), society, and industry sources. He has a number of collaborative efforts with members of the Rogel Cancer Center and also conducts clinical research. He has successfully completed a mentored K08 Career Development award and has several grants in submission including an R01 that is anticipated to be funded. He has authored 96 peer-reviewed manuscripts in specialty journals in his field such as *JAMA Otolaryngology Head and Neck Surgery*, *Head Neck*, and *Oral Oncology*. He has been invited on 12 occasions to present his work nationally and internationally including in Mexico, and seminars at Baylor and the University of Washington. He also served as a panelist at several national meetings.

Recent and Significant Publications:

Heath BR, Gong W, Taner HF, Broses L, Okuyama K, Cheng W, Jin M, Fitzsimmonds ZR, Manousidaki A, Wu Y, Zhang S, Wen H, Chinn SB, Bartee E, Xie Y, Moon JJ, Lei YL, “Saturated

fatty acids dampen the immunogenicity of cancer by suppressing STING,” *Cell Rep.* 42(4): 112303, 03/2023. PM 36952431.

Chang CM, Chen MM, Bellile EL, Rozek LS, Carey TE, Spector ME, Wolf GT, Taylor JM, Chinn SB, “Impact of Nodal Metastases in HPV-negative Oropharyngeal Cancer,” *Cancer Epidemiology, Biomarkers and Prevention.* 31(8):1554-1563, 08/2022.

Farlow JL, Park PK, Sjoding MW, Kay SG, Blank R, Malloy KM, Washer L, Napolitano LM, Rajajee V, Brenner MJ, De Cardenas J, Chinn SB, “Tracheostomy for COVID-19 respiratory failure: timing, ventilatory characteristics, and outcomes,” *J Thorac Dis.* 2021 Jul;13(7):4137-4145. doi: 10.21037/jtd-21-10. PubMed PMID: 34422343; PubMed Central PMCID: PMC8339767.

Gong W, Donnelly CR, Heath BR, Bellile E, Donnelly LA, Taner HF, Broses L, Brenner JC, Chinn SB, Ji R, Wen H, Nor JE, Wang J, Wolf GT, Xie Y, Lei YL, “Cancer-specific type-I interferon receptor signaling promotes cancer stemness and effector CD8+ T-cell exhaustion,” *OncoImmunology.* 10(1): 11/2021.

Chandrasekharappa SC, Chinn SB, Donovan FX, Chowdhury NI, Kamat A, Adeyemo AA, Thomas JW, Vemulapalli M, Hussey CS, Reid HH, Mullikin JC, Wei Q, Sturgis EM, “Assessing the spectrum of germline variation in Fanconi anemia genes among patients with head and neck carcinoma before age 50,” *Cancer.* 123(20): 3943-3954, 10/2017. PM28678401.

Service: Dr. Chinn has been actively engaged in service endeavors at the institutional, national, and international levels. Internationally, he serves on three committees including the NRG Oncology Head and Neck Cancer International Group Scientific Committee, and the Surgical Quality Assurance Committee for the National Clinical Trials Network and Canadian Institutes of Health Research. Nationally, Dr. Chinn has served on numerous committees including committees for the American Academy of Otolaryngology-Head and Neck Surgery and American Head and Neck Society, and he currently serves as the chair or co-chair for two NRG Oncology-NCI clinical trial review committees. He is an ad hoc reviewer for 13 scientific journals and is an assistant editor for the *Journal for the Sciences and Specialties of the Head and Neck*. He is a standing member of the American Academy of Otolaryngology CORE grant program study section and is a member of 13 professional societies. Institutionally, he currently serves on many departmental or Medical School committees, including leadership positions as the chair of the Head and Neck Oncology Clinical Translational Research Trials Committee, co-chair of the COVID-19 Tracheostomy Program, and chair of the Resident Research Committee. Dr. Chinn is the director of the Rogel Center Head and Neck Oncology Program. He volunteers as a consultant physician for the National Basketball Players Association, Otolaryngology and Neck Conditions at the University of Michigan, and the Hope Clinic.

External Reviewers:

Reviewer A: “Since joining the faculty at Michigan, Dr. Chinn has had a very productive career. He now has 103 publications in print in addition to several reviews, book chapters, and other publications. Some of these manuscripts are as senior author in very high impact factor journals. He has grown in national stature due to over 100 national and international level presentations and service/engagement in our national societies.”

Reviewer B: “...Dr. Chinn has demonstrated significant service toward our field. A review of his CV reveals numerous committees, panels, and lectures in which he has been engaged at a national or international level and worked to help achieve the goals of the American Head and Neck Society and the American Academy of Otolaryngology-Head and Neck Surgery. In addition, he is a member of the Triologic Society, the American Society of Clinical Oncology, and the American College of Surgeons, among others. His membership and service in these multiple organizations puts him, in my mind, well ahead of the typical amount of service seen in his colleagues around the country.”

Reviewer C: “He currently holds several administrative positions including: Resident Education Lead, Surgical Director of Head and Neck Anesthesia Fellowship, Chair of the Resident Research Committee, Director of the Rogel Center Head & Neck Program, and Co-Director of Head and Neck Clinical Research Trial Committee. In addition to this, Dr. Chinn is a reviewer for several journals, is an associate editor for a journal, and has served as a mentor to residents, clinical fellows, postdoctoral fellows, medical students, graduate students, and undergraduate students. This demonstrates Dr. Chinn’s commitment and recognition as a leader in the local, regional, and national communities through his efforts in education, mentorship, and service contributions.”

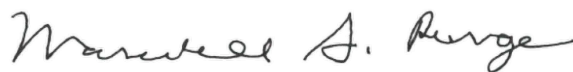
Reviewer D: “Dr. Chinn is a Principal Investigator on a K08 grant of \$1,187,500 over four years. He is a co-investigator with Maureen Sartor on an R01 grant of \$2,887,324 over five years and also with Emily Jane Marchiano on an AHNS grant of \$10,000...At six years in rank as Assistant Professor, Dr. Chinn is amongst the most productive academic head and neck oncologists of his cohort (72 peer-reviewed publications; funded K08) with a promising future of continued impact.”

Reviewer E: “Dr. Chinn was awarded an NIH K08 grant to study this subject and examine how these patients differ from the more traditional older, high-risk population. That accomplishment by itself, especially by an MD-only physician-scientist, who did not go through a traditional MD-PhD training program, is a testament to Dr. Chinn’s determination and aptitude for scientific investigation. He has also significantly contributed to multiple other grants as a co-investigator at the University of Michigan, demonstrating his value and the collaborative spirit by which his peers regard him.”

Reviewer F: “His curriculum vitae shows a consistent track record of mentorship to medical students, graduate students, residents [sic], clinical fellows, and postdoctoral fellows. I am impressed as well with the quality of individuals he has mentored; some of the names are among the most promising of young faculty in our field. He is an effective mentor since the work that he does with some of them results in publication.”

Summary of Recommendation:

Dr. Chinn is a prominent and productive surgeon-scientist and prolific educator. He is recognized as one of the few individuals in our field to have achieved such a high level of recognition, academic achievement and contributions, funding, and clinical expertise. He has developed a regional and national reputation as an outstanding clinician, a dedicated educator, and a thoughtful researcher. Therefore, I am pleased to recommend Steven B. Chinn, M.D., M.P.H. for promotion to associate professor of otolaryngology-head and neck surgery, with tenure, Department of Otolaryngology-Head and Neck Surgery, Medical School.



Marschall S. Runge, M.D., Ph.D.
Executive Vice President for Medical Affairs
Dean, Medical School

May 2024