

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF SURGERY

Rishindra M. Reddy, M.D., associate professor of surgery, with tenure, Department of Surgery, Medical School, is recommended for promotion to professor of surgery, Department of Surgery, Medical School.

Academic Degrees:

M.D.	2000	Northwestern University
B.S.	1996	Northwestern University

Professional Record:

2018 - Present	Jose Jose Alvarez Research Professor of Thoracic Surgery, University of Michigan
2016 - Present	Associate Professor of Surgery, University of Michigan
2009 - 2016	Assistant Professor of Thoracic Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Reddy has served as the clerkship director for surgery for the past six years, and has been an assistant program director in thoracic surgery for the past four years. He has served as the primary faculty career advisor for surgery and thoracic surgery, and has provided guidance for all students going into those fields. He has mentored numerous medical students and residents in research and career counseling. Dr. Reddy has worked to improve the teaching of all faculty within the Department of Surgery, and has taken extra coursework to become a better educator through the University of Toronto. He gives regular lectures to medical students, surgery residents, but also nursing staff in the operating room and on patient care floors. He has been a national educator in robotic thoracic surgery, leading a national society supported training program, but then also visiting other academic sites and hosting academic surgeons to learn how to teach robotic thoracic surgery.

Research: Dr. Reddy's research focuses on translational oncology, thoracic surgery outcomes, with a focus on new technology (robotic surgery, etc.) and health disparities, and medical education. He has also supported other research groups by helping to obtain lung tissue for a variety of research projects. His collaborations on circulating tumor cells in lung cancer has shown that even early stage cancer patients are shedding cancer cells. He has recently published on the benefits, or lack of benefits, of the robotic platform on surgical outcomes. Dr. Reddy has published more than 112 peer reviewed articles, with 47 of them since 2017, and 27 of those as first or senior author. He has been invited to present his research both nationally and internationally, at the International Society of Diseases of the Esophagus, and the International Association for the Study of Lung Cancer. He has been funded in the past on multiple grants as the principal investigator for an international lung cancer vaccine trial from industry, an internal surgery research grant, a Blue Cross Blue Shield Foundation Grant, an internal Microbiome Explorer program grant, and a multi-institutional robotic surgery grant from industry. Dr. Reddy has been a co-investigator with

effort on three NIH grants, and on a separate grant from industry. He is currently local-principal investigator with effort, on a multi-institutional grant from industry, a co-investigator on an internal innovations grant from the Department of Surgery, and as a co-principal investigator on an internal M-Cubed grant

Recent and Significant Publications:

Paniagua Cruz A, Haug KL, Zhao L, Reddy RM: Association Between Marital Status and Racial Disparities in Esophageal Cancer Care. *JCO Oncol Pract* 16(6): e498-e506, 2020.

Reddy RM, Gorrepati ML, Oh DS, Mehendale S, Reed MF: Robotic-Assisted Versus Thoracoscopic Lobectomy Outcomes from High Volume Thoracic Surgeons. *Ann Thorac Surg* 106-902: 8, 2018.

Reddy RM, Weir WB, Barnett S, Heiden BT, Orringer MB, Lin J, Chang AC, Carrott PW, Lynch WR, Beer DG, Fenno JC, Kapila Y: Increased Variance in Oral and Gastric Microbiome Correlates with Esophagectomy Anastomotic Leak. *Ann Thorac Surg* 105(3): 865-870, 2018.

Murlidhar V, Reddy RM, Fouladdel S, Zhao L, Ishikawa MK, Grabauskiene S, Zhang Z, Lin J, Chang AC, Carrott P, Lynch WR, Orringer MB, Kumar-Sinha C, Palanisamy N, Beer DG, Wicha MS, Ramnath N, Azizi E, Nagrath S: Poor Prognosis Indicated by Venous Circulating Tumor Cell Clusters in Early-Stage Lung Cancers. *Cancer Res* 77(18): 5194-5206, 2017.

(ref 60) Sandhu G, Robinson AB, Magas CP, Purkiss JA, Reddy RM: Teaching across the continuum: variations in rankings and valued teaching components between surgery residents and medical students. *American Journal of Surgery* 212(5): 1005-1010, 2016.

Service: Dr. Reddy has played important roles in many institutional programs and professional organizations. He is the current Medical Affairs Advisory Committee chair for the Faculty Senate and the chair of the Comprehensive Robotic Surgery Program at the University of Michigan. He is the Medical Alumni Association Board president for Northwestern University, and he is also the current chair of the Surgery Clerkship Director's Committee, and a board member in the Association of Surgical Education. Dr. Reddy has completed a two year role as the co-chair of the Thoracic In-Service Training Exam, writing the General Thoracic half of the exam in 2019, and 2020. He is also now a consultant for the American Board of Thoracic Surgery, writing questions for their qualifying exam. He is currently a member of the American College of Surgeons, American Association of Thoracic Surgery, and the Society of Thoracic Surgeons, and holds positions of leadership in different committees and taskforces. Dr. Reddy is a reviewer for 10 journals in surgery, thoracic surgery, oncology, and medical education.

External Reviewers:

Reviewer A: "[Dr. Reddy] has published important scholarly work in circulating tumor cells, the importance of the microbiome as well as disparities in access to care...He is widely recognized for scholarship in education and teaching as well as his own excellence in teaching...Dr. Reddy fulfils the requirements for promotion to Professor based on his sustained scholarly activity, excellence in education and teaching as well as his commitment to service to his university, his community, his profession and his students at all levels."

Reviewer B: “Dr. Reddy has distinguished himself through his ability to teach and his interest in curriculum development and the education of students, residents, and others in the medical profession. I would say that he is nationally most recognized as an expert in education.”

Reviewer C: “From a merely clinical standpoint, Dr. Reddy’s interest in esophageal disease confirms a commitment to continue the pioneering work that has distinguished the University of Michigan from other institutions in this country and worldwide...Dr. Reddy’s contribution to our specialty shows maturity and depth of knowledge.”

Reviewer D: “It is very clear to me that Dr. Reddy has become, without a doubt, one of the most respected Thoracic Surgeons and surgical educators in the country. I certainly believe that Dr. Reddy would be promoted to the rank of Professor with Tenure, not only in the three institutions in which I have spent my own academic career...but also in most institutions with which I am familiar.”

Reviewer E: “[Dr. Reddy] has an eclectic [sic] portfolio which is quite remarkable and reflects significant activity in teaching and education, disparities in healthcare, the microbiome of the gut and how it influences esophageal surgery...He is arecognized a [sic] national epert [sic] in robotic surgery as evidenced by his numerous invitations to teach other thoracic surgeons throughout the country and at national Thoracic Surgery Society meetings.”

Summary of Recommendations:

Dr. Reddy is nationally renowned in the field of thoracic surgery and surgical education. He is a highly skilled scientist physician with clinical and research expertise. I am pleased to recommend Rishindra M. Reddy, M.D. for promotion to professor of surgery, with tenure, Department of Surgery, Medical School.



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

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