

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Renuka Tipirneni, M.D., M.Sc., assistant professor of internal medicine, Department of Internal Medicine, Medical School, is recommended for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.Sc.	2014	University of Michigan
M.D.	2009	University of California, San Francisco
B.S.	2003	Cornell University

Professional Record:

2018-present	Assistant Professor of Internal Medicine, University of Michigan
2013-2017	Clinical Lecturer of Internal Medicine, University of Michigan
2009-2013	Clinical Instructor, Harvard Medical School

Summary of Evaluation:

Teaching: Dr. Tipirneni values her roles in clinical teaching, classroom instruction related to health policy and social determinants of health, and research mentorship. This is evidenced by the consistently positive feedback she receives from learners noting that their experience working with her was extremely beneficial and helpful in their growth as healthcare professionals. Since her appointment in 2018, she continues to serve as the general internal medicine teaching service attending, supervisor to internal medicine residents in both outpatient and inpatient settings, and teacher to postdoctoral fellows for the National Clinician Scholars Program, and currently serves as the co-director of this fellowship program. This demonstrates both her expertise and leadership in the field as she will lead the health policy courses and aid in new curriculum design. She also serves as a faculty advisor to the Institute for Healthcare Policy and Innovation Policy Engagement Team. Through this role, she assists researchers across campus to translate their research findings into health policy and practice. Additionally, Dr. Tipirneni is dedicated to research mentorship and focuses on developing research and academic skills in her mentees. Her mentees include medical students, graduate students, and early career faculty, many more than typical for an early career faculty member. Her commitment to teaching has been recognized on numerous occasions institutionally with awards such as the H. Marvin Pollard Award for Outstanding Teaching of Residents and the Dr. Roland Alexander Blackwood Award for Excellence in Mentorship. She has been invited to speak on mentorship in several venues, including the American College of Physicians Internal Medicine Meeting. Dr. Tipirneni has given numerous institutional presentations while also being recognized nationally and internationally.

Research: Dr. Tipirneni has three main focus areas for her research and scholarly activities. Her first mission is investigating aspects of health insurance policy including Medicaid and Medicare

and informing efforts at health care reform. Second, she aims to improve the quality of health care by identifying and addressing patients' social needs that drive health outcomes. Lastly, she focuses on improving the measurement of health equity and the use of such measures to advance equity in health care and public health. Her critical research findings have led to national recognition and have informed national and state-level policies. Dr. Tipirneni has an impressive 64 peer-reviewed publications, many of which are in prominent journals such as *JAMA Internal Medicine*, the *Journal of General Internal Medicine*, and *Health Affairs*. Her publication entitled "Employment Status and Health Characteristics of Adults with Expanded Medicaid Coverage in Michigan" helped inform Medicaid work requirements around the country. She built on this policy-relevant body of work with a publication in the *New England Journal*, "Mitigating the Risks of Medicaid Work Requirements." Many of her subsequent publications continue to deal with this essential theme of Medicaid coverage and its effects on health, a topic on which she has become a recognized national expert.

Dr. Tipirneni has an established record of securing external funding from the National Institutes of Health (NIH) and Blue Cross Blue Shield of Michigan. Her expertise and excellence have been recognized institutionally and nationally. In 2019, she received the Department of Internal Medicine Grace H. Elta MD Early Career Endowment Award and the Jerome W. Conn Award for Excellence in Research in 2022. Nationally, she has received awards such as the Seema S. Sonnad Emerging Leader in Managed Care Research Award in 2020 and the Central Society of Clinical and Translational Research Early Career Development Award in 2021. Her national reputation is further evidenced through multiple invited extramural presentations on topics ranging from the impacts of health disparities in relation to insurance and identifying and addressing social detriments of health in the clinic. These invitations include those to numerous conferences and institutes such as the University of Texas, the University of Pennsylvania, the National Academies of Sciences, the World Non-communicable Diseases Congress, and the Heartlife Hospital in Okinawa, Japan.

Recent and Significant Publications:

- Tipirneni R, Karmakar M, O'Malley M, Prescott HC, Chopra V, "Contribution of Individual- and Neighborhood-level Social, Demographic, and Health Factors to COVID-19 Hospitalization Outcomes," *Ann Intern Med* 2022;175(4):505-512. PMID: 35188790
- Karmakar M, Lantz PM, Tipirneni R, "Association of Social and Demographic Factors with COVID-19 Incidence and Death in the US," *JAMA Netw Open* 2021;4(1):e2036462. PMID: 33512520
- Tipirneni R, Levy HG, Langa KM, McCammon RJ, Zivin K, Luster J, Karmakar M, Ayanian JZ, "Changes in Health Care Access and Utilization for Low-SES Adults Age 51-64 after Medicaid Expansion," *J Gerontol B Psychol Sci Soc Sci* 2020;76(6):1218-1230. PMID: 32777052
- Tipirneni R, Politi MC, Kullgren JT, Kieffer EC, Goold SD, Scherer AM, "Association Between Health Insurance Literacy and Avoidance of Health Care Services Owing to Cost," *JAMA Netw Open* 2018;1(7):e184796. PMID: 30646372
- Tipirneni R, Goold SD, Ayanian JZ, "Employment Status and Health Characteristics of Adults with Expanded Medicaid Coverage in Michigan," *JAMA Intern Med* 2018 Apr 1;178(4):564-567. PMID: 29228069

Service: Dr. Tipirneni has a strong record of service and has made an impact institutionally and beyond through her leadership, expertise, and dedication to improving health and health care for low socioeconomic status, racial/ethnic minorities, aging, and other vulnerable populations. At an institutional level, she has served as a member of the Primary Care Innovation Working Group and the General Medicine Division Chief Search Committee. Her institutional commitment has been recognized through awards such as an invitation to join the Gold Humanism Honor Society and receiving the University of Michigan Institute for Healthcare Policy and Innovation Impact Accelerator award. Nationally, Dr. Tipirneni has been involved in numerous leadership roles, including co-chair of the 2021-2022 Scientific Abstracts Committee for the Society of General Internal Medicine Annual Meeting. She is currently an associate editor for the *Journal of General Internal Medicine*. She is an ad hoc journal reviewer for 11 journals, such as the *Journal of the American Medical Association* and the *New England Journal of Medicine*. Nationally, she served as a grant reviewer for the Robert Wood Johnson Foundation, focusing on their Research in Transforming Health and Health Care Systems program. She is also an active member of multiple professional organizations, including the Society of General Internal Medicine, the Academy of Health, and the Physicians for Human Rights Asylum Network. Dr. Tipirneni is a general internist who cares for and treats patients at the Taubman Health Center and the Veterans Affairs Ann Arbor Healthcare System (VAAHS). In 2020, she also dedicated her time to volunteer 100% of her effort to aid in outpatient urgent care and inpatient settings to serve some of the first patients suffering from COVID-19. It is evident that Dr. Tipirneni's professional and service contributions have made a tremendous impact and will continue to do so.

External Reviewers:

Reviewer A: "Her work largely centers around the forces that shape clinical outcomes, particularly insurance structure...In many respects, this work is most notable for providing a contrast to the state before insurance expansion, revealing not that expansion successfully addresses past problems, but how much the prior lack of insurance hurts health and the receipt of health care services. Often we learn the value of something when we lose it, but here Dr. Tipirneni demonstrates the value of something once it is gained."

Reviewer B: "Several national committees have sought out her talents, including the Robert Wood Johnson Foundation, Academy Health, and our own Society of General Internal Medicine. She has been generous with her time as a reviewer and editor for many journals, and of course has served with distinction for the journal I edit. Funding agencies have also recognized her talents, the NIH with a KO8 and an RO1 corresponding PI award among others."

Reviewer C: "Dr. Tipirneni's level of scholarly productivity has been remarkable for this stage in her career. She has published 62 peer-reviewed journal articles, 58 since arriving at the University of Michigan in 2015. Among these publications, she is lead author on 18. Most of her publications appear in important top tier journals with high impact factors."

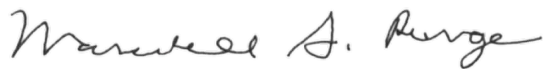
Reviewer D: "While I have not observed Dr. Tipirneni's teaching directly, it is notable that she has received several teaching awards from the University of Michigan. In reviewing her CV, she mentors quite a number of residents, postdoctoral fellows, medical students, and junior faculty. She is regularly invited to present her work to medical students and residents. This year she is serving on a dissertation committee for PhD candidate as well."

Reviewer E: “Her work has also been high-impact by any metric – awards, citations, tier of journals, and (most importantly) contributions to policy discussions and decisions Dr. Tipirneni is a national leader in her field, has developed a stellar reputation, and is most deserving of the rank of Associate Professor with tenure. Our field is better with her in it, and I am excited to see what she does with the next phase of her impressive career.”

Reviewer F: “Further evidence of her independence comes from her grant awards. She is Co-PI of a recently awarded R01 seeking to improve equity in Medicare. She has second R01 where she is also a PI. This second R01 appears to be on the verge of being awarded as well. This one also focuses on aging populations and coverage, but this project focuses on ACA coverage expansions for the near elderly. The tight thematic focus of the projects she leads suggests Dr. Tipirneni is a disciplined, passionate scholar seeking impact for the populations she studies.

Summary of Recommendation:

Dr. Tipirneni has made substantive and meaningful contributions to the field in her research work. She is an outstanding physician-scientist who is nationally recognized for her tremendous impact on healthcare policy, with additional contributions to teaching and service. I am pleased to recommend Renuka Tipirneni, M.D., M.Sc. for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.



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

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