

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF UROLOGY

Chandy Ellimoottil, M.D, M.S., assistant professor of urology, Department of Urology, Medical School, is recommended for promotion to associate professor of urology, with tenure, Department of Urology, Medical School.

Academic Degrees:

M.S.	2014	University of Michigan
M.D.	2009	Loyola University Stritch School of Medicine
B.A.	2004	Northwestern University

Professional Record:

2016 – present	Assistant Professor, Department of Urology, University of Michigan
2015-2016	Clinical Lecturer, Department of Urology, University of Michigan

Summary of Evaluation:

Teaching: Dr. Ellimoottil is an outstanding clinical teacher and research mentor. His clinical teaching activities take place in the clinic, operating room, and classroom, and are primarily focused on medical students and residents. Throughout the academic year, Dr. Ellimoottil teaches residents about outpatient urologic management, procedures, and surgery. This teaching occurs in his outpatient clinic at the Livonia Center for Specialty Care and the University of Michigan's main operating room at University Hospital. In addition to direct clinical teaching, he also participates in journal clubs, resident research lectures, and mock oral boards. Dr. Ellimoottil has served as a primary research mentor to medical students, residents, and post-doctoral fellows. In this role, he lectures his mentees about study design and data analysis as well as manuscript and grant writing. Along with direct mentorship, he is also an active participant in the weekly Dow Division Health Services Research Seminar where students and fellows present research for feedback and guidance. Dr. Ellimoottil has received excellent reviews from medical students and residents for his teaching efforts.

Research: Dr. Ellimoottil is a nationally renowned leader in the field of telehealth. His research lab focuses on evaluating the impact of telehealth on healthcare access, costs, and quality as well as disseminating these findings to key stakeholders. He is currently funded through two National Institutes of Health grants (R01 and K08) and has received past funding from foundations, and institutional grants. Dr. Ellimoottil has authored 109 peer-reviewed articles, with many in high-impact journals such as *Health Affairs* and *JAMA*. Evidence of his national reputation is demonstrated by the large number of presentations that he has been invited to give including those at national and regional conferences (American Urological Association, Academy Health, American Telemedicine Association), urology grand rounds (University of California Los Angeles, University of California Irvine, New York University, Medical University of South Carolina, University of Southern California, University of North Carolina), governmental meetings (Department of Health and Human Services, Physician-Focused Payment Model Technical Advisory Committee, Michigan Legislative Forum), research organizations

(Mathematica, Arbor Research Collaborative), and community organizations (Birmingham Senior Men's Club).

Recent and Significant Publications:

- Liu X, Goldenthal S, Li M, Nassiri S, Steppe E, Ellimoottil C, "Comparison of Telemedicine versus In-Person Visits on Impact of Downstream Utilization of Care," *Telemed J E Health*: 27(10): 1099-1104, 2021. PMID: 33513056
- Chao GF, Li KY, Zhu Z, McCullough J, Thompson M, Claflin J, Fliegner M, Steppe E, Ryan A, Ellimoottil C, "Use of Telehealth by Surgical Specialties During the COVID-19 Pandemic," *JAMA Surg* 156(7): 620-626, 2021. PMID: 33769434
- Chen J, Li KY, Andino J, Hill CE, Ng S, Steppe E, Ellimoottil C, "Predictors of Audio-Only versus Video Telehealth Visits during the COVID-19 Pandemic," *J Gen Intern Med* 17: 1-7, 2021. PMID: 34791589
- Li KY, Zhu Z, Ng S, Ellimoottil C, "Direct-to-Consumer Telemedicine Visits for Acute Respiratory Infections Linked to More Downstream Visits," *Health Affairs (Millwood)* 40(4): 596-602, 2021. PMID: 33819099
- Portney DS, Ved R, Nikolian V, Wei A, Buchmueller T, Killaly B, Alam HB, Ellimoottil C, "Understanding the Cost Savings of Video Visits in Outpatient Surgical Clinics," *mHealth*: 6: 32, 2020. PMID: 33437830

Service: Dr. Ellimoottil has a clinical practice that is focused on advanced techniques for prostate cancer detection and the surgical management of men with benign prostatic hyperplasia. He has an outpatient clinic at the Livonia Center for Specialty Care and he performs surgery at the University of Michigan's main operating room at the University Hospital. Dr. Ellimoottil is one of the few urologists in the state of Michigan who performs freehand trans-perineal fusion prostate biopsy and he receives referrals from around the state for this procedure. A large part of his practice includes the use of virtual care. In 2018, he became the medical director of telehealth for the Department of Urology, and in August 2022, Dr. Ellimoottil was selected to become the University of Michigan Medical Group's associate medical director of virtual care. In this role, he leads the strategic advancement of the use of virtual care services across the entire clinical enterprise. He serves on the Editorial Board for Urology Practice, and is an ad hoc peer-reviewer for many journals, including *Urology*, *New England Journal of Medicine*, and *JAMA Surgery*. He is an ad hoc grant reviewer for the Michigan Institute for Clinical and Health Research (MICHR). His contributions in various settings have been recognized through three institution-level awards (Making A Difference, Champion for Change, and Faculty Catalyst).

External Reviewers:

Reviewer A: "Early on, he demonstrated academic independence with some of his most high-profile papers published in top-tier journals, such as *JAMA Surgery*, *Health Affairs*, and *Journal of General Internal Medicine*. His 2016 first-author paper in *Health Services Research*, arguably one of the top 2 methodological health policy journals... His oeuvre of translational research in health services, outcomes, and implementation science has contributed substantially to our current understanding of how telemedicine impacts health care access, cost, and quality."

Reviewer B: "Dr. Ellimoottil has, in my estimation, already surpassed the UM expectations for the rank of Professor in this regard. I would argue that no other individual in our field has more

recognition as a national thought leader in this incredibly important area. Alongside multiple invited presentations on his work to prestigious Departments in our field around the country, he was invited to present to the United States Department of Health and Human Services, reflecting the policy relevance of his research. Further, and no less important in my view, he has brought along dozens of mentees with productive and substantial contributions to this exceptionally important work.”

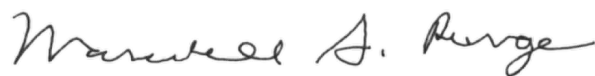
Reviewer C: “...Dr. Ellimoottil’s work makes him a leader in the field relative to his peers. He has obtained federal R-01 grant funding and has made significant contributions to the field.”

Reviewer D: “He has published in high quality specialty journals, a few high quality general audience journals and in specialty journals focused on his area of primary research, telemedicine. His work evaluating the use of subsequent clinical services after direct to consumer telehealth visits was an important addition to this field, adding critical evidence regarding the quality and cost implications of DTC use of this modality. Other papers, including a time driven activity based cost accounting of different types of telehealth visits, were also innovative.”

Reviewer E: “In addition to his scholarly productivity, he has established an exceptionally strong record of regional and national leadership roles...His selection as the prestigious and highly competitive Faculty Catalyst Research Award at the University of Michigan is one among many examples of his extraordinary service to the discipline...holds numerous notable national positions one would more commonly see for an individual at the rank of Full Professor...also provides service to his institution through quality and safety committee membership, countless teaching lectures and mentorship of trainees at all levels.”

Summary of Recommendation:

Dr. Chandy Ellimoottil has developed a successful career as an independently funded and prolific academic urologist. He is highly regarded by his peers and has garnered a national reputation as a leader in telehealth. Further, he has been an effective leader and educator at our institution and beyond. I enthusiastically recommend Chandy Ellimoottil, M.D., M.S. for promotion to associate professor of urology, with tenure, Department of Urology, Medical School.



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

May 2023