

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF UROLOGY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH MANAGEMENT AND POLICY

John M. Hollingsworth, M.D., associate professor of urology, with tenure, Department of Urology, Medical School, and associate professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health, is recommended for promotion to professor of urology, with tenure, Department of Urology, Medical School, and professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health.

Academic Degrees:

2006	M.S.	Health and Health Care Research, University of Michigan
2002	M.D.	Georgetown University
1997	B.S.	Chemistry – University of Michigan

Professional Record:

2016 – present	Associate Professor of Urology, University of Michigan
2016 – present	Associate Professor of Health Management and Policy, University of Michigan
2010 – 2016	Assistant Professor of Urology, University of Michigan,
2008 – 2010	Clinical Lecturer of Urology, University of Michigan,

Summary of Evaluation:

Teaching: Dr. Hollingsworth is involved in the education of medical students, residents, fellows, graduate students in sociology, statistics, and health policy and management, faculty as well as practicing physicians. He also provides clinical and health services research (HSR) instruction to residents and fellows. Dr. Hollingsworth is the co-director of the Department of Urology's National Institute of Diabetes and Digestive and Kidney Diseases funded T32 grant that involves mentoring fellows with an interest in benign disease. He is the co-director of the Michigan Urological Surgery Improvement Collaborative's (MUSIC) Reducing Operative Complications from Kidney Stones (ROCKS) initiative. His most important teaching contribution is resident and graduate student mentoring in HSR, having strongly mentored 18 since 2010, fostering critical scientific thinking and innovative problem-solving.

Research: Dr. Hollingsworth's main research interests encompass a broad range of health services disciplines within three areas: examining the effects of Medicare ACOs on specialty care; understanding the role of physician teamwork in surgical care safety, quality, and costs; and assessing prevention strategies for kidney stones. He is the principal investigator of three grants and co-investigator on two grants, with three additional grants submitted. As the co-director of MUSIC ROCKS, his principal research focus is implementing solutions to quality problems surrounding the care of patient with urinary stones. Dr. Hollingsworth has published more than

125 peer-reviewed articles, and has been invited to present his research on 37 occasions regionally, nationally, and internationally.

Recent and Significant Publications:

Hollingsworth JM, Nallamothu BK, Yan P, Ward S, Lin S, Colla CH, Lewis VA, Ayanian JZ, Hollenbeck BK, Ryan AM: Medicare Accountable Care Organizations Are Not Associated with Reductions in the Use of Low-Value Coronary Revascularization. *Circulation: Cardiovascular Quality and Outcomes* 11(6):e004492, 2018.

Funk RJ, Owen-Smith J, Kaufman S, Brahmajee K, Nallamothu BK, Hollingsworth JM: Association of Informal Clinical Integration of Physicians with Cardiac Surgery Payments. *JAMA Surgery* 153(5):446-453, 2018.

San Juan J, Hou H, Ghani KR, Dupree JM, Hollingsworth JM: Variation in Spending Around Surgical Episodes of Urinary Stone Disease: Findings from Michigan. *Journal of Urology* 199(5):1277-1282, 2018.

Ryan AM, Krinsky S, Adler-Milstein J, Damberg CL, Maurer KA, Hollingsworth JM: Association Between Hospitals' Engagement in Value-Based Reforms and Readmission Reduction in the Hospital Readmission Reduction Program. *JAMA Internal Medicine* 177(6):862-868, 2017.

Hollingsworth JM, Canales BK, Rogers MA, Sukumar S, Yan P, Kuntz GM, Dahm P. Alpha Blockers for Treatment of Ureteric Stones: Systematic Review and Meta-Analysis. *BMJ* 355:i6112, 2016.

Service: Dr. Hollingsworth has served as a National Institutes of Health reviewer for PAR-15-162: Pilot and Feasibility Clinical Research Grants in Urology Disorders and the special emphasis panel of the Scientific Review Group. In the Department of Urology, he serves as a member of the Clinical Quality Committee, is co-chair of the Quality Training Steering Committee, and co-chair of the Inpatient Prioritization Committee. Institutionally for Michigan Medicine, he serves as the medical director for quality, as well as for Clinical Quality and Training, in addition to serving as co-chair of the Quality Council. Dr. Hollingsworth is a reviewer for 22 journals.

Dr. Hollingsworth is an endourologist with a robust clinical practice providing comprehensive care to patients with complex stone disease. Previously he launched the multidisciplinary stone clinic in collaboration with the Division of Nephrology. In this clinic, patients with kidney stones receive surgical, medical, and nutritional counseling all in the same visit in one location. He has since developed a cloud-based software that automatically registers patients who undergo placement of a temporary medical device (e.g. ureteral stent) called "Asset Tracker." The medical device is entered into the software's database, which keeps track of the patients' follow-up to ensure timely removal.

External Reviewers:

Reviewer A: “Based on my extensive interactions with Dr. Hollingsworth, I would consider him a colleague with an excellent reputation, who is regarded as a leader in the field of endourology and quality improvement/outcomes research...Dr. Hollingsworth has significantly contributed to the field of health economics and quality improvement through his research on the cost associated with surgical outcomes specifically in stone disease. Based on some of the research presented by Dr. Hollingsworth, he has helped to change practice at my institution, as well as others, in regard to the need for tight control of spending and appropriate selection of location to perform surgical procedures.”

Reviewer B: “John has been well funded over the years primarily in the area of health services research...he is considered a well-spoken and well respected academic urologist.”

Reviewer C: “Dr. Hollingsworth has secured a niche nationally and internationally as *the* best physician-scientist focused on Health Services and Outcomes research in the field of stone disease. The years spent as a Robert Wood Johnson scholar at the University of Michigan provided him the foundation and mentorship that is unmatched. His determination and hard work has done the rest...Dr. Hollingsworth is one of the brightest stars in the field of Endourology and Stone Disease...Dr. Hollingsworth is a humble, unassuming individual who approaches all interactions with a collaborative teams [sic] and supportive spirit.”

Reviewer D: “Dr. Hollingsworth is one [of a] few individuals with health services/outcomes expertise who has focused his research efforts on stone disease, and as such provides a valuable and unique perspective to our field...As Secretary General of the Endourological Society, I have regularly called upon Dr. Hollingsworth to participate in courses and programming for the Society, for which his contributions are novel, clinically useful and impactful...I have no doubt that if Dr. Hollingsworth was being considered for promotion on a tenure track here at [my institution] where our standards are quite rigorous, he would be readily promoted. He is a highly valuable asset to your institution, to our subspecialty and to the urologic community.”

Reviewer E: “...it is quite clear that his scholarship has impacted the field and has significantly advanced our understanding of numerous topics in health services research in urology...his work around the comparative effectiveness of treatment for urinary stones and around the noninfectious complications of indwelling urethral catheters has been very important and has certainly significantly impacted our understanding of how to care for patients with these urologic conditions.”

Reviewer F: “John is considered a national and international leader in the field of health services research, especially within the realm of nephrolithiasis...Dr. Hollingsworth’s insights into the effect of financial incentives associated with physician ownership on procedure utilization, the relationship between variation in provider practice and the quality and costs of urological care, especially as related to kidney stone management, are considered some of the foundations on which the Urologic community bases much of its clinical practice.”

Summary of Recommendation:

Dr. Hollingsworth is an outstanding clinician, educator, citizen, and an internationally recognized health services researcher. He is a strong investigator and mentor to research trainees, and contributor to institutional and national service in his field. I am please, therefore, to recommend John M. Hollingsworth, M.D. for promotion to professor of urology, with tenure, Department of Urology, Medical School, and professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health.



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



F. DuBois Bowman, Ph.D.
Dean, School of Public Health

May 2020