

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF UROLOGY

David C. Miller, M.D., associate professor of urology, with tenure, Department of Urology, Medical School, is recommended for promotion to professor of urology, with tenure, Department of Urology, Medical School.

Academic Degrees:

M.P.H.	2005	University of Michigan
M.D.	1999	Washington University, St. Louis, MO
B.S.	1995	University of Michigan

Professional Record:

2013-present	Associate Professor of Urology, University of Michigan
2008-2013	Assistant Professor of Urology, University of Michigan
2006-2008	Clinical Instructor in Urology, University of California, Los Angeles
2005-2007	Clinical Lecturer, Department of Urology, University of Michigan

Summary of Evaluation:

Teaching: Dr. Miller devotes at least 10% of his time to teaching. Yet in a sense one can argue persuasively that Dr. Miller is teaching in every moment of his work day. Dr. Miller supervises M3 and M4 students on the wards and in the operation room as attending surgeon during their elective rotation (100 hours/year). In addition, he has a very strong commitment to the instruction of our residents in the Comprehensive Cancer Center Clinic where he focuses on diagnosis of urologic cancers, counseling patients regarding options for therapy, and management of the long-term sequelae of cancer and its treatment. He additionally instructs in the operating room on urologic cancer surgery and principles of post-operative management (300 hours/year). He mentors health services research fellows and is the primary mentor for three post-doctoral fellows on project-based learning and journal article reviews (300 hours/year). In addition he lectures regionally, nationally, and internationally to physicians on prostate and kidney cancer. Dr. Miller's teaching also includes urology faculty and practicing physicians (25 hours/year), health services researchers (20 hours/year), nursing and allied health (five hours/year), and patient education (five hours/year). His most important teaching contribution is the urology health services research fellow curriculum development and mentoring. One mentee commented, "Dr. Miller has been the single most influential mentor that I have had in the last 10 years of my clinical and research training."

Research: Dr. Miller has produced 146 peer-reviewed publications (44 since 2013), seven non-peer-reviewed publications, seven book chapters, and 71 abstracts. His academic productivity is extraordinary. His interests are in the areas of quality of care in urological oncology, policy evaluation for specialty care, and clinical quality improvement. Dr. Miller currently serves as the principal investigator on an R01 grant targeted to understanding optimal delivery systems for cancer care. He is the founding director of a Michigan Urological Surgery Improvement Collaborative (MUSIC) for Blue Cross Blue Shield (BCBS), the director of Michigan Value Collaborative for

BCBS of Michigan Foundation as well as a co-investigator of Myriad Genetics, totaling an estimated \$2.5 million in annual funding. Of note, the Dr. Miller's MUSIC program received a 2015 Best of Blue Clinical Distinction Award from the Blue Cross Blue Shield Association. Dr. Miller has another submitted grant as a co-principal investigator from the Center for Medicare and Medicaid Services for over \$41M.

Recent and Significant Publications:

Gadzinski AJ, Dimick JB, Ye Z, Miller DC: Utilization and outcomes of inpatient surgical care at critical access hospitals in the United States. *JAMA Surgery* 148:589-596, 2013.

Miller DC, Ye Z, Gust C, Birkmeyer JD: Anticipating the effects of accountable care organizations for inpatient surgery. *JAMA Surgery* 148:1-6, 2013.

Ellimoottil C, Miller S, Ayanian JZ, Miller DC: Effect of insurance expansion on utilization of inpatient surgery. *JAMA Surgery* 149:829-836, 2014.

Ghani KR, Miller DC: Variation in prostate cancer care. *JAMA* 313:2066-2067, 2015.

Womble PR, Linsell SM, Gao Y, Ye Z, Montie JE, Gandhi TN, Lane BR, Burks FN, Miller DC: A statewide intervention to reduce hospitalizations after prostate biopsy. *J Urol* 194:403-409, 2015.

Service: Dr. Miller is a member of seven professional societies and serves as the director of Michigan Urological Surgery Improvement Collaborative as well as the director of Michigan Value Collaborative. He serves as a peer reviewer for 18 journals. At the University of Michigan, Dr. Miller serves on the Faculty Group Practice Revenue Cycle Advisory Committee RVU Subcommittee, the Comprehensive Cancer Center, and the Oncology Council for UMHS/Mid-Michigan Health currently serving as the vice chair. Nationally, he serves on the American Urological Association (AUA) Annual Meeting Abstract Review Committee and the AUA Data and Registry Committee. He served as director of the national AUA Grant Program Review Panel from 2013-2014. Dr. Miller has received significant national and regional awards.

Dr. Miller's clinical practice involves managing patients with urologic cancers at the University of Michigan Comprehensive Cancer Center while his surgical practice is focused on prostate and kidney cancer. He has a rare genius for building relationships with patients and referring providers alike. Several comments received from internal reviewers: "He is a great leader in the implementation of research to better the lives of patients." and "David is uniformly polite, attentive and meticulous in his clinical practice...He was not on call, it was the weekend, he didn't know the patient, and yet that patient went away feeling that he had gotten superb advice and care. The 'Michigan Difference' in action."

External Reviewers:

Reviewer A: "Evidence of his interdisciplinary achievements rests in the ~\$6.8 million in grants to study health care delivery systems, hospital collaboration, physician organizations and quality improvement...Evidence for his national and international volunteerism rests in his service as peer reviewer for 18 journals, one of which is the Journal of Health Care for the Poor and Underserved, and his service on multiple committees of the American Urological Association...He represents the necessary next step for great thinkers in medicine: Apply what we know to quality care models,

expand access to health care, and continue the application of interprofessional education and collaboration to patient care.”

Reviewer B: “...Dr. Miller has achieved a high level of accomplishment within the urologic community and in particular in all aspects of healthcare delivery. He has demonstrated a high level of scientific and personal integrity which is recognized by members locally at the University as well as regionally and nationally.”


Reviewer C: “He most certainly has a national and international academic reputation in both urologic oncology and the science of health care delivery, as evidenced by his leadership roles in national cancer organizations and the American Urological Association. His publication and research funding track record are stellar, and his teaching activities are extensive and first rate, both within the University of Michigan system, and at the national level. He is extensively involved in institutional and national teaching roles and has received formal recognition for his work in these areas...He is one of the outstanding urologic oncologists and urologic health services researchers in the United States and is greatly deserving of promotion.”

Reviewer D: “Dr. Miller is a nationally and internationally [regarded] expert in the area of healthcare delivery and health sciences....It is my feeling that he is among the very elite physicians in urology who have the types of abilities and expertise to work in this important area of research.”

Reviewer E: “He has achieved a reputation in the area of health services research not only in uro-oncology but also in health care delivery that exceeds many other urologists who have entered the health services research arena recently.”

Summary of Recommendation:

Dr. Miller is a widely respected and superb clinician, educator, citizen, and is an international authority in health services research and policy making. He directs the Dow Health Services Research Division which includes leadership of MUSIC, the Collaborative Quality Initiative funded by BCBSM, and the Michigan Value Collaborative. I wholeheartedly recommend David C. Miller, M.D. for promotion to 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

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