

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF UROLOGY

Ted A. Skolarus, M.D., 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.P.H.	2010	University of Michigan
M.D.	2003	Wayne State University
B.S.	1997	University of Michigan

Professional Record:

2008-2011	Clinical Lecturer, Department of Urology, University of Michigan
2011-present	Assistant Professor of Urology, University of Michigan

Summary of Evaluation:

Teaching: Dr. Skolarus teaches the practice of urology and urologic surgery to medical students, urology and internal medicine residents, and Urologic Oncology fellows both at UMHS and the VA Ann Arbor Healthcare System. This includes didactic and bedside teaching focused on relevant medical literature and research, in addition to at least 15 hours of weekly clinical supervision and instruction in the clinic and operating room. His operating room teaching includes surgical instruction for complex open, laparoscopic, and robotic-assisted urologic cancer surgery. Evaluations from clinical and research trainees indicate substantial to superior contributions. As part of the American Urological Association's Annual Oral Board Review Course Faculty, he helps prepare practicing urologists for Part II of the American Board of Urology Certifying Examination, and brings this experience to bear during annual mock oral board testing for UM urology residents. Dr. Skolarus gives regional and national talks annually, including webinars, focused on the primary care of prostate cancer survivors, health services and implementation research. He led the American Cancer Society's prostate cancer survivorship guideline efforts directed towards primary care clinicians. In addition, Dr. Skolarus has provided longitudinal research mentorship to undergraduate, medical, and graduate students, residents, pre- and post-doctoral fellows, resulting in first author, peer-reviewed publications for trainees at each level. He was the primary mentor for a UM medical student participating in the 2015-2016 Master of Science Degree in Clinical Health Research (MSCR) Program in the School of Public Health, now a urology resident, and will mentor another UM medical student for the same program during 2016-2017. He is a dissertation committee member for an Industrial and Operations Engineering Ph.D. candidate and primary mentor for a current three-year urologic oncology and health services research NIH T32 fellow. He leads the Dow Division of Health Services Research Weekly Seminar in the Department of Urology which hosts several regional and national leaders in health services research during the academic year, as well as works-in-progress sessions, to teach faculty, fellows and students about the latest research findings and approaches. He has organized several courses as co-chair including the 2015 Urologists for Veterans Forum at the American Urological Association Annual Meeting, the 2014 Ann Arbor Health Services Research Symposium, the 2014 Veterans Health Administration VISN 11 Urology

for Primary Care Providers Conference, and is the chair of the Health Services Session for the 2016 Annual Society of Urologic Oncology Winter Meeting in San Antonio, Texas.

Research: Dr. Skolarus' research aims to understand and improve the delivery of prostate cancer survivorship care and support the ongoing needs of prostate cancer survivors and their providers while advancing the field of implementation research. His productivity and interdisciplinary science is evidenced by his 84 peer-reviewed publications, 10 non-peer-reviewed publications, three book chapters, one other media, and 49 abstracts. His grant funding includes a VA HSR&D Career Development Award as the principal investigator and two VA HSR&D Merit Awards as a co-investigator centered on prostate cancer. He is an ad hoc grant reviewer for the Michigan Institute for Clinical and Health Research (MICHR) Mentored Clinical Scientist Career Development (KL2) Award and VA HSR&D Quality Enhancement Research Initiative (QUERI) and HSR&D Scientific Merit Review - HSR1 study sections. As part of an AHRQ grant as co-investigator, Dr. Skolarus also co-led five RAND appropriateness panels examining urinary catheter use and CAUTI after major surgery providing him further expertise in this technique and informing practice change after major surgery. He has developed three main areas of expertise: 1) Prostate cancer survivorship: Dr. Skolarus has conducted both observational and intervention-related research in prostate cancer survivorship with particular attention to primary care provider roles in survivorship care, guidelines addressing the long term and late effects of treatment, and self-management support. He led both the American Cancer Society and Michigan Cancer Consortium efforts to develop and publish prostate cancer survivorship guidelines. Dr. Skolarus co-leads a 4-site randomized self-management trial of Veteran prostate cancer survivors which has accrued over 440 patients during 15 months with a goal of 600. This will be one of the largest trials of its kind in survivorship and was a direct result of his pilot grant efforts to design and test an interactive voice response tool and tailoring strategies (Blue Cross Blue Shield of Michigan Foundation as the PI). Finally, Dr. Skolarus has resubmitted a VA HSR&D Merit Award to de-implement low value prostate cancer care and will lead a 2017 R01 submission with Dr. Sales as part of an NCI Program Project in prostate cancer. 2) Implementation Research: Dr. Skolarus recently completed a two-year National Cancer Institute Mentored Training in Dissemination and Implementation Research Fellowship program. This program is designed to prepare post-doctoral faculty for independent funding in implementation research, an evolving, transdisciplinary field that is critically relevant to translating research to practice. 3) Understanding and reducing readmissions after major cancer surgery: Dr. Skolarus leads a multi-disciplinary team of urologists, both at UM and the University of Pittsburgh, urologic oncology fellows, PhD, medical and undergraduate students, and Industrial and Operations Engineering (IOE) faculty at UM and Indiana University since 2012. The group seeks to inform readmission reduction interventions by taking into consideration the spectrum of timing and reasons for readmission, as well as opportunities to identify high-risk individuals for targeted strategies, using IOE approaches and a variety of administrative and clinical data. This continuing collaboration has led to six manuscripts.

Recent and Significant Publications:

Skolarus TA, Dunn RL, Sanda MG, Chang P, Greenfield TK, Litwin MS, Wei JT, and the PROSTQA Consortium: Minimally important difference for the expanded prostate cancer index composite short form. *Urology* 85:101-105, 2015.

Skolarus TA, Wolf AM, Erb NL, Brooks DD, Rivers BM, Underwood W 3rd, Salner AL, Zelefsky MJ, Aragon-Ching JB, Slovin SF, Wittmann DA, Hoyt MA, Sinibaldi VJ, Chodak G, Pratt-Chapman ML, Cowens-Alvarado RL: American Cancer Society prostate cancer survivorship care guidelines. *CA Cancer J Clin* 64:225-249, 2014.

Hu M, Jacobs BL, Montgomery JS, He C, Ye J, Zhang Y, Brathwaite J, Morgan TM, Hafez KS, Weizer AZ, Gilbert SM, Lee CT, Lavieri MS, Helm JE, Hollenbeck BK, Skolarus TA: Sharpening the focus on causes and timing of readmission after radical cystectomy for bladder cancer. *Cancer* 120:1409-1416, 2014.

Skolarus TA, Wittmann D, Northouse L, An LC, Olson KG, Rew K, Jimbo M, Heidelbaugh J, Phillips J, Holmes-Rovner M: Recommendations for prostate cancer survivorship care: An update to the 2009 Michigan cancer consortium guidelines for the primary care management of prostate cancer post-treatment sequelae. *Journal of Men's Health* 11:95-107, 2014.

Skolarus TA, Chan S, Shelton JB, Antonio AL, Sales AE, Malin JL, Saigal CS: Quality of prostate cancer care among rural men in the Veterans Health Administration. *Cancer* 119:3629-3635, 2013.

Service: Dr. Skolarus continues to contribute service internal and external to UM. He serves on the UM Senate Assembly as a Medical School faculty representative. He is responsible for coordination of the bi-weekly urologic pathology lecture series for residents at the VA Ann Arbor Healthcare System. He also coordinates and evaluates the PGY-2 internal medicine urology clinic experience at the VA Ann Arbor Healthcare System. He is a member of the Department of Urology Mock Oral Boards Committee. Dr. Skolarus is responsible for coordinating the adult urology on call schedule for 24 faculty. He provides peer-review for the *Journal of Urology*, *European Urology*, *Urology*, *Cancer*, *Seminars in Urologic Oncology*, *British Journal of Urology*, and *Medical Care*. He is the chair of the Health Services Session for the 2016 Winter Society of Urologic Oncology Meeting. Dr. Skolarus is the University of Michigan Comprehensive Cancer Center Representative to the National Comprehensive Cancer Network's Prostate Cancer Panel. He is also a co-chair of the Michigan Cancer Consortium's Prostate Cancer Action Committee.

Dr. Skolarus serves as the attending a minimum of two days per week on VA inpatient urology and consult services. He spends one to two days per week operating on urologic and complex cancer patients at the VA Ann Arbor Healthcare System. This includes surgical instruction for complex open, laparoscopic, and robotic-assisted urologic cancer surgery, as well as general urology cases. He also serves as the clinic attending one day per week in the VA Urology Clinic. He routinely conducts video visits and electronic consultations for appropriate patients and exposes trainees to these next generation telehealth modalities for healthcare delivery. In October 2016, Dr. Skolarus became the Urology Section chief at the VA Ann Arbor Healthcare System. He provides on call coverage at UM approximately 2.5 weeks per year. During this time, he takes outside hospital calls for urology transfers/management as well as provides in-person evaluation at UM and the VA Ann Arbor Healthcare System. He provides weekend rounding coverage for urologic oncology inpatients at UM every one in ten weekends.

External Reviewers:

Reviewer A: "...Dr. Skolarus has been impressively productive and a thought leader for assessing quality of urologic oncology care... At this early stage of his career, he has already established a reputation that when I see one of his publications, I feel compelled to dive further into the nuances and details."

Reviewer B: “Dr. Skolarus has distinguished himself in the area of prostate cancer survivorship care and research. This is a timely topic and he has helped propel the field forward with the significance of his scientific work and his leadership on committees.”

Reviewer C: “Dr. Skolarus has focused his research work in the area of health outcomes and he is becoming recognized as one of the experts in a specific area of health services research looking at fragmentation of care and causes of readmission. He has also made significant contributions in examining quality of care and quality of life in men undergoing treatment for prostate cancer... Dr. Skolarus could easily be considered one of the emerging national leaders in the area of health services research and outcomes in urology... believe Dr. Skolarus is an extremely accomplished rising star in the area of academic urology who will do great things in the future.”

Reviewer D: “...his contributions in the area of cancer survivorship are unique and have helped forge his reputation as a national leader in this subject matter... Compared to his peer group I would consider Dr. Skolarus a star in the field well above those as a similar stage of career in academic medicine.”

Reviewer E: “Not only has he successfully competed for grant funding, he has initiated his own research initiatives as well as served as a collaborator with several significant national groups in our field.”

Summary of Recommendation:

Dr. Skolarus has been a major contributor in the arenas of teaching/mentorship, health services research, and the clinic. I wholeheartedly recommend Ted A. Skolarus, M.D. 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 2017