

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF SURGERY

Michael J. Englesbe, M.D., associate professor of surgery, with tenure, Department of Surgery, Medical School, is recommended for promotion to professor of surgery, with tenure, Department of Surgery, Medical School.

Academic Degrees:

M.D.	1997	University of Medicine and Dentistry of New Jersey
B.A.	1993	Yale University

Professional Record:

2011-present	Associate Professor of Surgery, University of Michigan
2006-2011	Assistant Professor of Surgery, University of Michigan
2004-2006	Lecturer, Department of Surgery, University of Michigan

Summary of Evaluation:

Teaching: Teaching is a very important part of Dr. Englesbe's career and is evidenced by the recognition he has received locally and nationally over many years. Dr. Englesbe's teaching activities include undergraduate and graduate medical education, residents, fellows and faculty. He served as the surgery clerkship director from 2011-2015. He is currently the director of the Academic Surgeon Development Program, a program that facilitates academic development among University of Michigan medical students. This program has more than 14 curricular offerings that range from clinical skills, research, communication, and leadership development. He is the director of the Surgery Student Leadership Program, a three-day career development program for medical students entering surgery. In 2015, Dr. Englesbe was appointed to be the director of branches, the new Medical School 3rd and 4th year curriculum. As the director, he has led efforts to develop an administrative structure, stakeholder engagement, and the creation of new education offerings. Efforts in this role have resulted in close collaboration across all teams within undergraduate medical education and all clinical science departments at UMMS. As a faculty sponsor, Dr. Englesbe has facilitated the development and launch of a student-run, peer reviewed medical journal at UMMS – the *Michigan Journal of Medicine*. Dr. Englesbe also serves as the associate director of the Michigan Surgical Quality Collaborative, a quality collaborative initiative funded by Blue Cross Blue Shield of Michigan. In this role, Dr. Englesbe leads practicing physicians throughout the State of Michigan focusing on surgical quality improvement and best practices. He has received several prestigious teaching awards, recently from the University of Michigan Medical School including the League of Education Excellence, Kaiser-Permanente Award for Excellent in Teaching, and Class of 2013, 2014, and 2015 Graduation Marshall. These awards are evidence of his important contribution to surgical education

Research: In addition to his active clinical responsibilities, Dr. Englesbe has proven to be a highly productive researcher. His primary research interest includes understanding the high-risk surgical patient and testing strategies at the patient and population level to improve outcomes. Dr. Englesbe's earlier work in surgical frailty developed analytic morphomics to assess patient risk. The foundational work in frailty and analytic morphomics led to the development of the Michigan Surgical Home and Optimization Program (MSHOP). MSHOP is funded by the Center for Medicare and Medicaid – Health Care Innovation Award (\$6,687,474 from 4/2014 thru 3/2017) through a grant entitled “Michigan Surgical and Health Optimization Program” in which Dr. Englesbe is the principal investigator. The MSHOP program has provided faculty collaborators with the research and administrative infrastructure to submit over 10 additional grant applications based on this program. Dr. Englesbe is the co-investigator on a grant titled “Enhanced Recovery Protocols and the Cost and Quality of Inpatient Surgery” funded by the NIH-DHHS (\$640,945 from 9/2015 thru 4/2020). He is also significantly involved in three other projects focused on quality improvement. Dr. Englesbe has had continuous grant support on an annual basis since 2007. Since his last promotion, he has had seven visiting professorships at leading academic medical centers and 35 national and international presentations as extramural invited speaker. He has 148 peer-reviewed publications, three books, 10 book chapters, and numerous presentations. Dr. Englesbe has served as an ad hoc reviewer for 17 prestigious journals such as the *American Journal of Gastroenterology* and the *American Journal of Transplantation*.

Recent and Significant Publications:

Englesbe MJ, Lee JS, He K, Fan L, Schaubel DE, Sheetz KH, Harbaugh CM, Holcombe SA, Campbell DA, Sonnenday CJ, Wang SC: Analytic morphomics, core muscle size, and surgical outcomes. *Ann. Surg* 256:255-261, 2012.

Englesbe MJ, Terjimanian MN, Lee JS, Sheetz KH, Harbaugh CM, Hussain A, Holcombe SA, Sullivan J, Campbell DA, Wang SC, Sonnenday CJ: Morphometric age and surgical risk. *J Am Coll Surg* 216:976-985, 2013.

Kim EK, Sheetz KH, Bonn J, DeRoo S, Lee C, Stein I, Zarinsefat A, Cai S, Campbell DA Jr, Englesbe MJ: A statewide colectomy experience: the role of full bowel preparation in preventing surgical site infection. *Ann Surg* 259:310-314, 2014.

Sheetz KH, Waits SA, Girotti ME, Campbell DA, Englesbe MJ: Patients' perspectives of care and surgical outcomes in Michigan: An analysis using the CAHPS hospital survey *Ann. Surg.* 260:5-9, 2014.

Englesbe MJ, Lussiez AD, Friedman JF, Sullivan JA, Wang SC: Starting a Surgical Home. *Ann Surg* 262:901-903, 2015.

Service: Dr. Englesbe's interest and dedication to medical education has been outstanding. His administrative responsibilities within the Department of Surgery include serving as surgery clerkship director from 2011-2015, as associate director for the Michigan Surgical Quality Collaborative, and as co-director of the Preoperative Ambulatory Care Unit. His administrative

responsibilities for the Medical School include leading the educational effort as the director of branches, the new medical school curriculum, along with several other institutional committees. Current national leadership roles include being the chair of the Vanguard Committee of the American Society of Transplant Surgeons and serving as the chair for the Annual Meeting Planning Committee of the American Society of Transplant Surgeons for the past three years. He is recognized as an international leader as he has served as invited moderator at the World Transplant Congress in 2014, the Clinical Congress of the American College of Surgeons in 2015, and 6th International Conference on Coagulopathy in Liver Disease.

Professional Work: Dr. Englesbe is an attending surgeon in the Section of Transplantation, and his clinical efforts includes pediatric and adult liver, kidney and pancreas transplant. Dr. Englesbe has specific expertise in pediatric liver transplantation, and serves as one of only two surgeons providing this clinical expertise to our patients. As part of his efforts to solve complex issues in this challenging population, Dr. Englesbe formed a new multidisciplinary Pediatric and Adult Portal Hypertension program, bringing together hepatologists, radiologist, and surgeons to better integrate care for patients and provide an educational forum for trainees. Dr. Englesbe's expertise in these clinical areas has been recognized by his frequent invitations to speak at the North American Studies of Pediatric Liver Transplantation (SPLIT) and he is a sought out collaborator by others with nationally recognized faculty interested in quality improvement.

External Reviewers:

Reviewer A: "He represents a true triple threat in the field of surgery, with outstanding contributions in surgical education, research, and patient care. He has developed high level national and international visibility and will remain a top contributor in the field of transplantation surgery."

Reviewer B: "Dr. Englesbe has developed a reputation as a national expert on optimizing pre- and postoperative protocols to improve patient surgical outcomes. ...At the same time Dr. Englesbe has played a key role in the transplant programs... He is a dedicated and accomplished transplant surgeon with a keen interest in improving surgical care through education."

Reviewer C: "Through his publications and activities Dr. Englesbe has become known regionally and nationally particularly for his interest and contributions to our understanding of the relationship between quality and costs in surgery, the use of frailty and morphometric analysis in pre-operative risk stratification prior to surgery and transplantation, and the implementation of enhanced recovery protocols for major surgery."

Reviewer D: "Dr. Englesbe is a talented, accomplished and highly capable surgeon, researcher and teacher. He has established a very strong bibliography of over 100 peer-reviewed publications in highly regarded journals throughout his career. Additionally, he has served as clinical mentor for numerous faculty members, postdoctoral fellows, as well as undergraduate

and medical students... He is a highly effective speaker and has an outstanding national reputation.”

Reviewer E: “He has been a leader of enhanced recovery after surgery programs and also had national recognition in his field, specifically as the Chair of the Annual Meeting Planning Committee for the American Society of Transplant Surgeons... While his academic productivity is impressive, the quality of his research demonstrates his impact on patient care... His research on surgical outcomes has led to successful programmatic efforts on clinical interventions for remediable surgical risk.”

Summary of Recommendation:

Dr. Englesbe is an outstanding clinician with specific expertise in pediatric liver transplantation and a talented educator who has been involved in administration and curriculum development. Additionally, he is nationally recognized for his surgical outcomes research. I am pleased to recommend Michael J. Englesbe, M.D. for promotion to professor of surgery, with tenure, Department of Surgery, Medical School.



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

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