

PROMOTION RECOMMENDATION  
THE UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF INTERNAL MEDICINE  
DEPARTMENT OF PEDIATRICS

Jennifer A. Meddings, M.D., M.Sc., associate professor of internal medicine, with tenure, Department of Internal Medicine, and associate professor of pediatrics, without tenure, Department of Pediatrics, Medical School, is recommended for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, and professor of pediatrics, without tenure, Department of Pediatrics, Medical School.

Academic Degrees

M.Sc.	2009	University of Michigan Rackham Graduate School, Ann Arbor, MI
M.D.	2002	University of Michigan Medical School, Ann Arbor, MI
B.S.	1998	University of Michigan, Ann Arbor, MI

Professional Record:

2017 - Present	Associate Professor (with tenure), Department of Internal Medicine, Division of General Medicine, University of Michigan, Ann Arbor, MI
2017 - Present	Associate Professor without tenure, Department of Pediatrics, Division of General Pediatrics, University of Michigan, Ann Arbor, MI
2012 - 2017	Assistant Professor, Department of Pediatrics, Division of General Pediatrics, University of Michigan, Ann Arbor, MI
2011 - 2017	Assistant Professor, Department of Internal Medicine, Division of General Medicine, University of Michigan, Ann Arbor, MI
2007 - 2011	Clinical Lecturer, Department of Internal Medicine, Division of General Medicine, University of Michigan, Ann Arbor, MI
2006 - 2007	Clinical Instructor, Internal Medicine, The Ohio State Medical Center, Columbus, OH

Summary of Evaluation:

Teaching: Dr. Meddings is an active clinician responsible for clinical teaching learners at all levels. She has mentored faculty members, residents, medical students, and graduate students. Teaching evaluations are very good to excellent, with trainees reporting that she is an excellent, knowledgeable, encouraging, and approachable educator who is passionate and committed to teaching. She provides numerous ad hoc lectures across the medical school and grant writing seminars. She contributed her expertise to the creation and dissemination of curricula, training programs, educational tools, clinical algorithms, and the BladderSafe app. In 2020, Dr. Meddings received the John G. Frohna Award in recognition of resident teaching in medicine-pediatrics.

Research: Dr. Meddings' research interests focus on reducing healthcare-associated complications and readmissions, evaluating payment reform to incentivize improvement in hospital acquired conditions, and the development of implementation of interventions to prevent nosocomial complications. She has an established track record of funding with current funding from the Agency for Healthcare Research and Quality (AHRQ), the Centers for Disease Control (CDC), the Veteran's Affairs National Center for Patient Safety, and the Ralph C. Wilson Foundation. Her research funding record suggests that she is equally accomplished in leading research grants and as a project collaborator. She has one

granted patent for a catheter placement device with another patent in review. She has authored 96 peer reviewed manuscripts in high impact journals such as *BMJ*, *Annals of Internal Medicine*, and *Health Affairs*. Her work has resulted in 77 invited extramural talks both nationally and internationally including in Canada.

#### Recent and Significant Publications:

- Sankaran RR, Ameling JM, Cohn AEM, Grum CM, Meddings J, “A practical guide for building collaborations between clinical researchers and engineers: lessons learned from a multidisciplinary patient safety project,” *J Patient Saf* 17(8): e1420-e1427, 2021.
- De Roo A, Hendren S, Ameling J, Meddings J, “Using appropriateness criteria to identify opportunities to improve perioperative urinary catheter use,” *Am J Surg* 220(3): 706-713, 2020.
- Meddings J, Manojlovich M, Ameling JM, Olmsted RN, Rolle AJ, Greene MT, Ratz D, Snyder A, Saint S, “Quantitative results of a national intervention to prevent hospital-acquired catheter-associated urinary tract infection: a pre-post observational study,” *Ann Intern Med* 171(7 Suppl): S38-S44, 2019.
- Meddings J, Skolarus TA, Fowler KE, Bernstein SJ, Dimick JB, Mann JD, Saint S, “Michigan Appropriate Perioperative (MAP) criteria for urinary catheter use in common general and orthopaedic surgeries: results obtained using the RAND/UCLA Appropriateness Method,” *BMJ Qual Saf* 28(1): 56-66, 2019.
- Smith S, Snyder A, McMahon LF Jr, Petersen L, Meddings J, “Success in hospital-acquired pressure ulcer prevention: a tale in two data sets,” *Health Aff (Millwood)* 37(11): 1787-1796, 2018.

Service: Dr. Meddings has an outstanding service record at all levels. Internationally, she serves as a grant reviewer for the Dunhill Medical Trust in the United Kingdom and the UKRI Future Leadership Fellowship Program also in the United Kingdom. She previously served as an active expert for grant proposals submitted to the Infectious Disease Control Program for the Netherlands Organisation for Health Research and Development. Nationally, she serves as an ad hoc grant reviewer for the Blue Cross Blue Shield Foundation of Michigan and serves as a standing member of an NIDDK study section. She is an associate editor for the *Annals of Internal Medicine Clinical Cases* and an ad hoc reviewer for many journals. She is an abstract reviewer for the *Journal of Pediatric Hematology and Oncology*. Dr. Meddings is an active and long-standing member and fellow in nine professional societies including the American College of Physicians, the American Academy of Pediatrics, and the Society for Healthcare Epidemiology of America. Institutionally, she is an active member of seven committees including the Infection Control Committee, and the Center for Healthcare Engineering and Patient Safety committee. She is an ad hoc reviewer for the Mock K Study Section for the Center for Healthcare Outcomes and Policy (CHOP) and has been on one dissertation committee for an international mentee. She is a faculty clinic attending at the East Ann Arbor Adult Medicine and Pediatrics Clinic. In 2021, her clinical service was recognized by the Gradwohl Art of Primary Care Award in the Department of Internal Medicine.

#### External Reviewers:

Reviewer A: “...Dr. Meddings is clearly a national leader in health services research. Her work has had national and international impact because of the attention her publications and presentations have received. Within the field of general internal medicine with which I am most familiar, she stands out as being among the top 5% of health services researchers of her generation based on her exceptional productivity and impact.”

Reviewer B: “Her work is regularly published in high impact journals and the work of Dr. Meddings and her collaborators has been instrumental in advancing health care improvement. Consistent with a

lengthy track record of published manuscripts, Dr. Meddings has been invited to speak extramurally on these topics many times, including several national presentations at the Agency for Healthcare Research and Quality (AHRQ). Dr. Meddings has been awarded several grants from national organizations including AHRQ, the Centers for Disease Control, and the Veterans Administration. Dr. Meddings has served on several study sections to determine grant selection both nationally and internationally.”

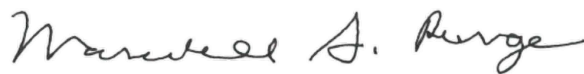
Reviewer C: “Dr. Meddings work has been excellent. She has two distinct areas of research focus. Dr. Meddings is interested in healthcare policy including payment models and financial incentives. Dr. Meddings is also one of the foremost experts in catheter-related (and nosocomial) infections. It is my impression that Dr. Meddings has established herself as a leader in the nosocomial infection space, leveraging and building upon an extremely strong team at Michigan. Dr. Meddings has secured her own independent funding and regularly publishes impactful papers in both areas.”

Reviewer D: “Dr. Meddings has a steady record of service locally, regionally and nationally. She has served on multiple committees in her home institutions and has received multiple awards at her home institution for faculty contributions in patient care, teaching, mentorship, and leadership. She has provided service to multiple national initiatives in her area of expertise.”

Reviewer E: “Dr. Meddings has maintained a strong track record of publication. She is the author of 91 peer-reviewed articles, including 32 as first author and 17 as senior author. She has also authored 6 other publications, including a book on preventing hospital infections, as well as 14 book chapters. Her publications have largely appeared in upper tier quality and safety journals (e.g., BMJ Quality and Safety) and health services research journals (e.g., Health Affairs, Medical Care, American Journal of Managed Care). She also has a number of articles in high impact Internal Medicine and general medical journals (e.g., Annals of Internal Medicine, New England Journal of Medicine). Overall, the caliber of her publications is excellent.”

Summary of Recommendation:

Dr. Meddings has established a national and international reputation. She has continued to establish herself as a leader in her field, contributing significantly impactful research in patient safety. She is an outstanding physician-scientist, valued educator, and active institutional citizen. I am pleased to recommend Jennifer A. Meddings, M.D., M.Sc. for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, and professor of pediatrics, without tenure, Department of Pediatrics, Medical School.



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

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