

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF EMERGENCY MEDICINE
DEPARTMENT OF NEUROLOGY

William J. Meurer, M.D., associate professor of emergency medicine, with tenure, Department of Emergency Medicine, and associate professor of neurology, without tenure, Department of Neurology, Medical School, is recommended for promotion to professor of emergency medicine, with tenure, Department of Emergency Medicine, and professor of neurology, without tenure, Department of Neurology, Medical School.

Academic Degrees:

M.S.	2009	University of Michigan
M.D.	2003	University of Cincinnati College of Medicine
B.A.	1999	The Ohio State University

Professional Record:

2016 – Present	Associate Professor of Emergency Medicine, with tenure, University of Michigan
2016 – Present	Associate Professor of Neurology, without tenure, University of Michigan
2016 – Present	Telestroke Physician, MidMichigan Medical Center, Midland, MI
2018 – 2020	Telestroke Physician, MetroHealth Medical Center, Wyoming, MI
2010 – 2016	Assistant Professor of Emergency Medicine and Neurology, University of Michigan
2006 – 2010	Clinical Lecturer of Emergency Medicine and Neurology, University of Michigan
2006 – 2007	Emergency Physician, WA Foote Hospital
2005 – 2006	Emergency Physician, Lakewood Hospital
2005 – 2006	Emergency Physician, MedCentral Mansfield Hospital
2005 – 2006	Flight Physician, Metro Lifeflight
2004 – 2006	Medical Command Physician, City of Cleveland EMS

Summary of Evaluation:

Teaching: Dr. Meurer designed and implemented the National Institute of Neurological Disorders and Stroke (NINDS) Clinical Trials Methodology Course in collaboration with a team from Iowa and the University of California, Los Angeles, and is the course director. It provides practice instruction to 25-40 trainees per year. The goal of the course is to improve the pipeline of clinical investigators conducting clinical trials and to improve the science that is conducted within early phase clinical trials in neurology, emergency medicine, and neurosurgery. Institutionally, he currently is an Advanced Trauma Life Support instructor, and annually lectures to the emergency medicine residents. Dr. Meurer is the course director of the Emergency Medicine Residency Journal Club, which is a valued component of the core lecture series. During clinical shifts in the Emergency Department, he teaches residents, fellows and medical students. He has also mentored medical students, residents, junior faculty,

undergraduate and graduate students. Many of these mentees have published peer-reviewed articles and presented at national and international meetings.

Research: Dr. Meurer's research focuses on improving the clinical outcomes of patients with acute neurological conditions, improving the process of care delivery in the Emergency Department for sudden neurological and vestibular conditions, and conceptualizing, designing, and implementing innovative adaptive clinical trial designs to accelerate the discovery of new treatments. He has been continuously well-funded by the NIH, clinical trials, foundation and institutional grants. The Blue Ridge Institution for Medical Research named Dr. Meurer as the highest funded principal investigator primarily appointed in the specialty of emergency medicine in 2019. He uses his unique strengths in neurology and methodology to contribute to a number of projects and advancement of others. He has built a successful clinical research program of collaborative science that cuts across and integrates three pillars: 1) research and education to advance trial methodology, 2) development and improvement to acute therapies for neurological emergencies, and 3) the study of how physicians and patient behavior interact with both novel therapies and research methods. Dr. Meurer has received the Society for Academic Emergency Medicine Mid-Career Investigator Award, and the University of Michigan Frankel Cardiovascular Center Directors Awards of Excellence 2018 Stroke Education Award.

Recent and Significant Publications:

Kerber KA, Damschroder L, McLaughlin T, Brown DL, Burke JF, Telian SA, Tsodikov A, Fagerlin A, An LC, Morgenstern LB, Forman J, Vijan S, Rowell B, Meurer WJ: Implementation of Evidence-Based Practice for Benign Paroxysmal Positional Vertigo in the Emergency Department: A Stepped-Wedge Randomized Trial, *Ann Emerg Med*, 75(4):459-470, 2020.

Iyengar R, Winkels JL, Smith CM, Meka AP, Porath JD, Meurer WJ: The Effect of Financial Incentives on Patient Decisions to Undergo Low-Value Head Computed Tomography Scans, *Acad Emergency Medicine*, 26(10):1117-1124, 2019.

Meurer WJ, Johnson P, Brown D, Tsodikov A, Rowell B, Fagerlin A, Telian SA, Damschroder L, An LC, Morgenstern LB, Kerber KA. An Educational Intervention for Acute Dizziness Care: A Randomized, Vignette-Based Study, *Otol Neurotol*, 40(8):e830-e838, 2019.

Meurer WJ, Dome M, Brown D, Delemos D, Oska S, Gorom V, Skolarus L: Feasibility of emergency department initiated, mobile health, blood pressure intervention: an explanatory, randomized clinical trial, *Acad Emergency Med*, 26(5):517-527, 2019.

Meurer WJ, Legocki L, Mawocha S, Frederiksen SM, Guetterman TC, Barsan W, Lewis R, Berry D, Fetters M: Attitudes and Opinions Regarding Confirmatory Adaptive Clinical Trials: A Mixed Methods Analysis from the Adaptive Designs Accelerating Promising Trials into Treatments (ADAPT-IT) Project, *Trials*, 17:373, 2016.

Service: Dr. Meurer provides academic service to the department, medical school, health system and the national community. Nationally, he is a member of the Clinical Practice Committee for the American Academy of Emergency Medicine, Neurological Emergencies Interest Group for the Society of Academic Emergency Medicine. Internationally, he is a panelist of the Adaptive

Designs CONSORT Extension. Institutionally, he is a member of the Stroke Quality Assurance Committee, Emergency Medicine Instructional Promotions Committee, and COVID-19 Clinical Trial Feasibility Review Committee. Dr. Meurer serves as a senior editor consultant for the *American Journal of Emergency Medicine*, as senior editor of *Trials*, as associate editor for the *Annals of Emergency Medicine*, and as associate editor for *Clinical Trials*. He is a journal reviewer for ten journals, including the *Annals of Emergency Medicine*, the *American Journal of Emergency Medicine*, and *Academic Emergency Medicine*. He is an active member of the American Heart Association Established Investigator Board Review Panel, the National Institutes of Health Center for Scientific Review Special Emphasis Panel Small Businesses: Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders, and NIH Health Services Organization and Delivery Review Board. Dr. Meurer serves on the board of directors of the Society for Clinical Trials, which is an international group focused on improving the design and implementation of trials and was the co-lead of the program committee for the International Clinical Trials Methodology Conference in Liverpool.

External Reviewers:

Reviewer A: “Based on Dr. Meurer’s longstanding mission to better the field of stroke care and his active and meaningful participation in the national emergency medicine dialogue, I feel that he easily meets all requirements for promotion as set forth in your letter, namely rigorous scholarship and high standing and esteem among peers...I find Dr. Meurer to be a thoughtful scholar whose curiosity is paired with a deep allegiance to first-class research; and a driven clinician who is as committed to the earnest development of himself as a professional as he is to the advancement of the field.”

Reviewer B: “Dr. Meurer frequently mentors a wide range of learners including undergraduates, medical students, residents, fellows and graduate students...Dr. Meurer’s published work leads our field in neurological emergencies. He is an internationally recognized expert and highly sought-after grant reviewer and journal editor...Dr. Meurer would clearly meet criteria for promotion at my institution based on the materials provided to me.”

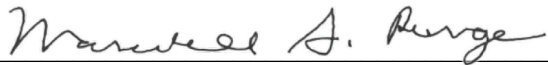
Reviewer C: “Dr. Meurer is very highly regarded by his research peers across the country as reflected by his positions on the Board of Directors of the International Society for Clinical Trials. His work has not only enriched the peer-reviewed literature; it has impacted the clinical practice of emergency medicine...Dr. Meurer has a solid record of NIH funding and has made consistent, important, original contributions to the peer-reviewed literature. As a member of my own institution’s Committee on Appointments, Promotions, and Tenure, I assure you that his achievement would qualify him for the rank of full professor at my institution.”

Reviewer D: “...I believe that Dr. Meurer is an exceptional researcher who is having a deep impact on emergency medicine, emergency medicine research, and clinical trials...He has developed a national and international professional reputation based on his clear track record of scholarship...He is among the leaders in our field of emergency medicine, in terms of publications, grants, and overall impact. He would meet the requirements for promotion to Professor with Tenure at [my institution].”

Reviewer E: "...Dr. Meurer has demonstrated high academic productivity and service. Notably, he is currently the top NIH funded emergency medicine researcher in the country...I believe he would be promoted to an equivalent rank (i.e. Professor with Tenure) at my institution."

Summary of Recommendations:

Dr. Meurer is a highly trained emergency medicine physician with advanced training in stroke. He is successful in acute treatment of patients with neurological emergencies, particularly stroke and post-cardiac arrest encephalopathy. Dr. Meurer's mentoring and service is exemplary. I am pleased to recommend William Meurer, M.D. for promotion to professor of emergency medicine, with tenure, Department of Emergency Medicine, and professor of neurology, without tenure, Department of Neurology, Medical School.



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

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