

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PSYCHIATRY

Donovan T. Maust, M.D., assistant professor of psychiatry, Department of Psychiatry, is recommended for promotion to associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School.

Academic Degrees

M.S.	2014	University of Michigan
M.D.	2007	Johns Hopkins University
B.S.	2001	The College of William & Mary

Professional Record

2013-present Assistant Professor of Psychiatry, University of Michigan

Summary of Evaluation:

Teaching: Dr. Maust provides clinical supervision and mentoring to geriatric psychiatry fellows, residents, post-doctoral research fellows, pre-doctoral trainees, and medical students. He is an outstanding presenter with an engaging style, providing guidance across disciplines and developmental stages, integrating teaching with research and service. In addition to Dr. Maust's clinical and research supervision responsibilities, he has been actively involved with didactic lectures and other educational seminars. For example, he regularly delivers geriatric psychiatry lectures to the psychiatry PGY-2 residents and clerkship medical students. In addition, he facilitates small group discussions for the Institute for Healthcare Policy and Innovation (IHPI) health policy online course. He has started to provide more individual teaching and mentorship to post-doctoral fellows and early faculty within health services research. He has also been engaged in a more formalized role assisting with the leadership course in the IHPI Clinician Scholars Program, including didactic lectures and along with course co-instructors, career coaching sessions for current scholars.

Research: Dr. Maust's research explores the potential risks to older adults and caregivers when their distress is medicalized, leading to inappropriate medical care. Such care may not only be unhelpful to the patient, but also can contribute to additional harms. He has been accomplishing his aims working through two similar, but separate areas of research, each using large extant datasets. The first examines the determinants of potentially inappropriate medical care that patients with dementia receive, and the second identifies potentially inappropriate psychotropic prescribing to older adults, who are at increased risk of adverse effects from nearly all psychotropic medication classes. Dr. Maust has been well-funded for his research through the NIH, Veterans Affairs and institutional awards. He is one of few psychiatrists to receive the Paul B. Beeson Career Developing Award in Aging Research, jointly funded by the National Institute on Aging (NIA) and several private foundations. His Beeson K08 funded work used national Veterans Health Administration (VHA) data to develop a risk prediction model for potentially preventable hospitalization of patients with dementia. Based on the insights gained from this award, findings from a substudy related to health and retirement, as well as his experience on the Michigan

Dementia Coalition, he recently began a NIA-funded R01 examining state variation in inappropriate medical care for patients with dementia, with the ultimate goal of helping states develop evidence-based state dementia plans. Dr. Maust was awarded a second R01 through the National Institute on Drug Abuse, exploring patient, provider, and community determinants of benzodiazepine prescribing and adverse outcomes (overdose and misuse). While nearly all of his research has been using nationally-representative survey or claims data, his first intervention work is currently underway in the form of a pilot study of direct patient education to reduce long-term benzodiazepine prescribing in primary care. As an indication of his growing scientific reputation, Dr. Maust received several highly prestigious national awards, including the the American Psychiatric Association Hartford-Jeste Award for Future Leaders in Geriatric Psychiatry, and the American Association for Geriatric Psychiatry Barry Lebowitz Early Career Scientist Award. He has published 37 peer-reviewed articles.

Recent and Significant Publications:

Maust D, Kim H, Chiang C, Kales H: Association of the Centers for Medicare & Medicaid Services' National Partnership to Improve Dementia Care with use of antipsychotics and other psychotropics in long-term care in the United States from 2009–2014. *JAMA Internal Medicine*. 178(5):640-647, 2018.

Maust D, Kales H, McCammon R, Blow F, Leggett A, Langa K: Distress associated with dementia-related psychosis and agitation in relation to healthcare utilization and costs. *Am J Geriatr Psychiatry*. 25(10):1074-1082, 2017.

Maust D, Gerlach L, Gibson A, Kales H, Blow F, Olfson M: Trends in central nervous system-active polypharmacy among older adults seen in outpatient care in the United States. *JAMA Intern Med*. 177(4):583-585, 2017.

Maust D, Kales H, Wiechers I, Blow F, Olfson M: No end in sight: Benzodiazepine use in older adults in the United States. *J Am Geriatr Soc*. 64(12):2546-2553, 2016.

Maust DT, Kim HM, Seyfried LS, Chiang C, Kavanagh J, Schneider LS, Kales HC: Antipsychotics, other psychotropics, and the risk of death in patients with dementia: number needed to harm. *JAMA Psychiatry*. 72(5):438-445, 2015.

Service: Dr. Maust's clinical work focuses on serious mental illnesses in older adults and treatment-resistant depression. He served as a peer-reviewer for a number of prominent journals, including, *JAMA*, the *New England Journal of Medicine*, and the *American Journal of Geriatric Psychiatry*. Dr. Maust has represented the American Psychiatric Association (APA) on the workgroup to update the APA/American Academy of Neurology dementia quality measures. He has been a member of the Michigan Dementia Coalition, which was tasked with updating the State of Michigan's dementia plan. Within his specialty, Dr. Maust has been active in the American Association for Geriatric Psychiatry, serving as the member-in-training AAGP Board Member and regularly participating in the annual meeting program committee. At an institutional level, he serves on the Institute for Healthcare Policy and Innovation Early Career Faculty Advisory Committee, and was recently elected as president. Dr. Maust serves on the Committee for

Intellectual Activities of the Veterans Administration Ann Arbor Center for Clinical Management Research.

External Reviewers:

Reviewer A: “Over 15 years, Dr. Maust was one of the few program participants...who successfully submitted an R01 application and was funded in his first year...Of the 138 Scholars who have participated in ARI since 2004, I rank Dr. Maust in the top 5% both for his achievement as a scholar and for his overall productivity to date given his current status: NIH (two R01s, K08), VA (I01), and foundation funding as well as the number of first-authored and senior-authored publications in peer review journals...Given his achievements, Dr. Maust is arguably a leader among his peers...I obviously do not know Dr. Maust’s specific trajectory, but am confident that he will successfully develop research that is both cutting-edge and meaningful at the national level.”

Reviewer B: “Dr. Maust is a highly innovative scholar whose research has significantly advanced the field of Geriatric Psychiatry. He has already established himself as one of the leading outcomes researchers in the field, and his work has had important clinical impact...He has established himself as a national expert on medication use, advancing our understanding on the harms of inappropriate psychotropic medicine use in those with dementia...Dr. Maust has also established himself as a methodologic innovator, and has become one of the world’s leading authorities on the use of large health data sources for Geriatric Psychiatry research...Maust’s innovations have opened the door to new methods of population based research that are addressing public health questions that were previously difficult to address...Dr. Maust has clearly established himself as a national leader in Geriatric Psychiatry.”

Reviewer C: “I consider Dr. Maust to be among the top next-generation leaders of psychiatry at national and international level. He has an impeccable training pedigree...He has been one of the leaders in the understanding of reducing potentially preventable hospitalization of patients with dementia, and the effects of population-based payment models on care of older adults with psychiatric illnesses...Dr. Maust is a superb scientist, a dedicated educator, and a talented leader, who has already made important contributions to the field of psychiatry, with a lot more to come in the years ahead.”

Reviewer D: “My early impressions of him as a future leader in geriatric psychiatry have since been sustained...His early scholarly accomplishments have been acknowledged through receiving all the awards possible for a young trainee and junior faculty member in geriatric psychiatry...Overall, my sense is that Dr. Maust is one of our national leaders in geriatric psychiatry and his work and scholarship are making an impact on clinicians and clinical care.”

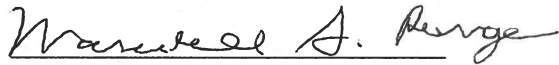
Reviewer E: “Dr. Maust is a highly respected clinician and research scientist in the field of geriatric psychiatry...A testament to his reputation as a clinician, scholar, and educator in geriatric psychiatry, Dr. Maust has been invited to teach and share his work at both local and national levels...the impact of Dr. Maust’s work cannot be overemphasized...Dr. Maust’s accomplishments as Assistant Professor are truly impressive and clearly demonstrate his dedication to academic psychiatry and his potential for continued meaningful contributions to our

field. Among our colleagues at AAGP, his reputation is that of a rising star in geriatric psychiatry; I can say with confidence that he is head and shoulders above his peers.”

Reviewer F: “I would rate the quality of Dr. Maust’s published work as excellent and the quantity as very high, especially since 2013. Dr. Maust’s work has clearly moved the field forward and has been influential scientifically and from a policy standpoint...Dr. Maust is significantly ahead of most of the peer group working in geriatric mental health...I would not hesitate to put Dr. Maust up for promotion, and I am confident that he would be successful with his application...In his relatively short academic career, Dr. Maust has an impressive track record of NIH grant funding.”

Summary of Recommendations:

Dr. Maust has proven to be an exceptionally accomplished and productive research scholar. In addition to his impressive research background, he is also an excellent supervisor, mentor and educator, making him well poised to continue to develop a high impact academic career. I am pleased, therefore, to recommend Donovan T. Maust, M.D. for promotion to associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School.



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

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