

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

Scott Hummel, M.D., M.S., associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School, is recommended for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.S.	2008	University of Michigan, Ann Arbor, MI
M.D.	2000	Columbia University, New York, NY
B.S.	1996	University of Illinois, Urbana-Champaign, IL

Professional Record:

2018-Present	Associate Professor (with tenure), Department of Internal Medicine, Division of Cardiovascular Medicine, University of Michigan, Ann Arbor, MI
2012-2018	Assistant Professor, Department of Internal Medicine, Division of Cardiovascular Medicine, University of Michigan, Ann Arbor, MI
2007-2012	Clinical Lecturer, Department of Internal Medicine, Division of Cardiovascular Medicine, University of Michigan, Ann Arbor, MI
2003-2004	Instructor, Columbia University, New York, NY

Summary of Evaluation:

Teaching: Dr. Hummel is an active clinician-scientist who is responsible for didactic and bedside teaching of learners at all levels. Learners include faculty members, clinical fellows, post-doctoral fellows, residents, medical students, graduate students, and undergraduate students. Several of his mentees have published first-author manuscripts in high quality journals including the *American Heart Journal*, the *Journal of Heart and Lung Transplantation*, and *JAMA Cardiology*. Under his mentorship, two internal medicine residents were awarded the UM Kenneth Stark Resident Research Award in 2022 and 2023 respectively. Dr. Hummel participated as a consultant in an M2 course and has delivered several ad hoc lectures. He created a medical student elective rotation within the VA Ann Arbor Cardiology. Teaching evaluations are all very good to excellent. His dedication to teaching and mentoring is further evidenced by his service on both the Clinical Competency and Program Evaluation Committees for the University of Michigan's Cardiovascular Medicine Fellowship program.

Research: Dr. Hummel's research focuses on promoting and studying the effects of healthy eating patterns in heart failure, particularly in relation to preventing and managing heart failure with preserved ejection fraction (HFpEF), a major and worsening public health threat with limited available treatments. Dr. Hummel's award contributions are impressive, with roles on 15 currently funded grants from sources such as the National Institutes of Health (NIH), the Department of Veteran's Affairs (VA), the American Heart Association, and several industry sponsors. Notably, in 2023 he was awarded a \$19M VA Cooperative Study Award, an NIH R01 grant funded through Wake Forest Baptist Center, and four industry grants. Additionally, he is the co-investigator of two VA awards, two NIH R01s, an NIH R18, an NIH R61, and one foundation grant, and is the mentor on three VA awards, with another six submitted grants under review. He has developed five mobile applications based on his work. He has published 111 peer-reviewed manuscripts in high impact journals such as *Obesity*,

American Journal of Cardiology, and *JAMA*. He has been invited on 48 occasions to present his work nationally and internationally including in China, Austria, Belgium, and Italy.

Recent and Significant Publications:

Gondi KT, Larson J, Sifuentes A, Alexander NB, Konerman MC, Thomas KS, Hummel SL, “Health of the Food Environment is Associated with Heart Failure Mortality in the United States,” *Circ Heart Fail.* 15(12):e009651, 07/2022. PM36281754

Anderson T, Cascino TM, Koelling TM, Perry D, Grafton G, Houston DK, Upadhyia B, Kitzman DW, Hummel SL, “Measured Versus Estimated Resting Metabolic Rate in Heart Failure With Preserved Ejection Fraction,” *Circ Heart Fail.* 14(8): e007962, 08/2021. PM34344169

Bilgen F, Chen P, Poggi A, Wells J, Trumble E, Helmke S, Teruya S, Catalan T, Rosenblum HR, Cornellier ML, Karmally W, Maurer MS, Hummel SL, “Insufficient Calorie Intake Worsens Post-Discharge Quality of Life and Increases Readmission Burden in Heart Failure,” *JACC Heart Fail.* 8(9): 756-764, 09/2020. PM32653445

Dorsch MP, Cornellier ML, Poggi AD, Bilgen F, Chen P, Wu C, An LC, Hummel SL, “Effects of a Novel Contextual Just-In-Time Mobile App Intervention (LowSalt4Life) on Sodium Intake in Adults With Hypertension: Pilot Randomized Controlled Trial,” *JMIR Mhealth Uhealth.* 8(8): e16696, 08/2020. PM32663139

Hummel SL, Karmally W, Gillespie BW, Helmke S, Teruya S, Wells J, Trumble E, Jimenez O, Marolt C, Wessler JD, Cornellier ML, Maurer MS, “Home-Delivered Meals Postdischarge From Heart Failure Hospitalization,” *Circ Heart Fail.* 11(8): e004886, 08/2018. PM30354562

Service: Dr. Hummel has an outstanding service record at the local, regional, and national levels. Nationally, he serves on the leadership council for the American College of Cardiology Geriatric Cardiology Section and was subsequently made chair in 2023. He has served as an ad hoc reviewer on five study sections for the NIH and the Veteran’s Affairs. He served as the co-editor for Heart Failure with Preserved Ejection Fraction, in *Cardiology Clinics*. He is an ad hoc reviewer for numerous journals, including the *New England Journal of Medicine*, *European Heart Journal*, and *JAMA*, and as a scientific session abstract reviewer for the American College of Cardiology and the American Heart Association. Regionally, he is an abstract judge for the Michigan Chapter of the American College of Cardiology. Institutionally, Dr. Hummel is active in clinical care, where he rounds on the inpatient Heart Failure/Transplant service at the University of Michigan and the cardiology consult service at the Veterans Affairs Ann Arbor Healthcare System (VAAAHS). He is a member of the departmental Clinical Competency and Program Evaluation committees for the Cardiovascular Medicine Fellowship. Dr. Hummel serves as the section chief for cardiology at the VAAAHS which he has held since 2017.

External Reviewers:

Reviewer A: “Dr. Hummel’s work is of very high quality. He has 111 peer-reviewed articles. Many of these are outstanding pieces of work...These publications are impressive in the quality of the journals they were published in, the leading role that he played in the manuscript, and the breadth of area covered including heart failure with preserved ejection fraction, exercise hemodynamics, and food environment. In comparison to others in his peer group working in the same field, he is top notch, easily within the top 10%.”

Reviewer B: “Dr. Hummel has had a distinguished career in academic cardiology. His research has largely focused on heart failure with preserved ejection fraction (HFpEF), one of the most common and, yet, poorly understood chronic conditions. His body of work has provided important insights into the complex underlying causes, and potential solutions, for HFpEF...”


Reviewer C: “He also has a clear focus on heart failure...the quality, quantity, focus and scholarly impact of Scott Hummel’s work is very impressive. This places him at very high standing within cardiologists who focus on heart failure...as well as his work within professional committees, as a reviewer of research proposals and manuscripts, as well as generating novel/important thoughts which clearly make him a leader in his field of interest.”

Reviewer D: “...has made important service contributions to the cardiology community at both the national and local levels. He has served as Co-Chair of the Research Working Group of the Geriatric Cardiology Section of the American College of Cardiology and as a member of the Research Committee of the Heart Failure Society of America, and is currently Chair of the Geriatric Cardiology Section of the American College of Cardiology... At a local level, he is on the Fellowship Clinical Competency and Program Evaluation Committees at the University of Michigan, and has played an important role in local heart failure quality improvement initiatives.”

Reviewer E: “Dr. Hummel has participated in numerous study sections as an ad hoc reviewer for Veterans Affairs Cardiovascular Studies and for NHLBI Ko1/Ko8/K23 Recipients (Ro3), NHLBI to name a few. He has given nearly 50 invited presentations on various topics, including cardiac care of older patients, the role of nutrition in management and outcomes with older patients, preventing heart failure with preserved ejection fraction, and leveraging interventions to mitigate frailty.”

Summary of Recommendation:

Dr. Hummel is an innovative, collegial, and highly productive clinician, researcher, and leader. His work has been of tremendous significance nationally and internationally and has had a major impact on the field of heart failure, as it continues to play a role in the transformation of treatment and prevention approaches. He is highly regarded by his peers and serves the university with distinction. I am pleased to recommend Scott Hummel, M.D., M.S. for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.



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

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