

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

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

Academic Degrees:

M.S.	2008	University of Michigan
M.D.	2000	Columbia University
B.S.	1996	University of Illinois, Urbana-Champaign

Professional Record:

2012-present	Assistant Professor of Internal Medicine, University of Michigan
2007-2012	Clinical Lecturer, Department of Internal Medicine, University of Michigan
2003-2004	Instructor, Columbia University

Summary of Evaluation:

Teaching: Dr. Hummel has demonstrated a strong commitment to both clinical and research mentoring. He provides clinical teaching while rounding on the inpatient Heart Failure/Transplant service at UM and the Cardiology Consult service at the VA, as well as in the heart failure clinic at UM and as a cardiology clinic preceptor for fellows at the VA. He also serves on both the Clinical Competency Committee and the Program Evaluation Committee for the UM Cardiovascular Medicine Fellowship, and is a mentor for the Cardiovascular Fellows-in-Training Journal Club. Dr. Hummel's most significant education contributions have been through the research mentoring of students, house officers, and junior faculty. His trainees have an excellent track record of publications and abstract presentations at national meetings. One of his mentees was the recipient of the Heart Failure Society of America (HFSA) New Investigator Award in clinical sciences in 2016, while another was also nominated for this award in 2016, and a third is currently competing for the 2017 award. At the national level, he is the co-director of the Get Going initiative to teach fellows clinical research methods and geriatric cardiology principles through a fellow-led clinical trial to increase physical activity in older adults after cardiovascular hospitalization. This educational model was recently highlighted in an editorial in the *American Journal of Medicine*.

Research: Dr. Hummel's scholarly work focuses on heart failure with preserved ejection fraction (HFpEF), particularly the treatment of heart failure with dietary modifications, and risk assessment for prevention of heart failure readmissions. His NIH K23 award funded the first direct dietary modification study in HFpEF, and he presented the findings at the 2013 NIH/NHLBI Working Group meeting on Nutrition in Heart Failure. Dr. Hummel is currently the principal investigator for a VA CSR&D study on dietary prevention of HFpEF, as well as a co-investigator on an AHRQ-funded study to create a novel mobile application to reduce dietary sodium intake. He is also the site PI for several ongoing clinical trials in HFpEF and will be reporting at the 2017 HFSA meeting on the preliminary results of the recently completed GOURMET-HF study examining the effects of home delivered low-sodium meals on reducing heart failure readmissions in older patients. Dr. Hummel has 42 peer-reviewed publications, with 25 of these as first or senior author, and five book chapters. He is regularly invited to speak at national meetings for professional societies such

as the HFSA and the American Heart Association, and provides peer-review for major cardiovascular journals, including *Circulation*, *American Journal of Cardiology*, and *Journal of the American College of Cardiology*.

Recent and Significant Publications:

Hummel SL, Seymour EM, Brook RD, Sheth SS, Ghosh E, Zhu S, Weder AB, Kovács SJ, Kolias TJ: Low-sodium DASH diet improves diastolic function and ventricular-arterial coupling in hypertensive heart failure with preserved ejection fraction. *Circulation: Heart Failure* 6:1165-1171, 2013.

Senni M, Paulus WJ, Gavazzi A, Fraser AG, Díez J, Solomon SD, Smiseth OA, Guazzi M, Lam CS, Maggioni AP, Tschöpe C, Metra M, Hummel SL, Edelmann F, Ambrosio G, Stewart Coats AJ, Filippatos GS, Gheorghiade M, Anker SD, Levy D, Pfeffer MA, Stough WG, Pieske BM: New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes. *European Heart Journal* 35:2797-2811d, 2014.

Wessler JD, Maurer MS, Hummel SL: Evaluating the safety and efficacy of sodium-restricted/dietary approaches to stop hypertension diet after acute decompensated heart failure hospitalization: Design and rationale for the Geriatric OUT of hospital Randomized MEal Trial in Heart Failure (GOURMET-HF). *American Heart Journal* 169:342-348, 2015.

Baker H, Oliver-NcNeil S, Deng L, Hummel SL: Regional hospital collaboration and outcomes in Medicare heart failure patients: See you in 7. *JACC Heart Failure* 3:765-773, 2015.

Abdul-Aziz AA, Hayward RA, Aaronson KD, Hummel SL: Association between Medicare hospital readmission penalties and 30-Day combined excess readmission. *JAMA Cardiology* 2:200-203, 2017.

Service: Dr. Hummel's clinical expertise is in the area of heart failure, and he provides clinical care at both UM and the VA, directing the heart failure programs at both locations. He was recently appointed as the interim chief of cardiology at the Ann Arbor VA. Regionally, he serves as an abstract judge for the Michigan chapter of the American College of Cardiology, and at the national level, he is a member of the American Heart Association Clinical Cardiology Council on Cardiovascular Disease in Older Populations, and co-chair of the Research Working Group of the American College of Cardiology Geriatric Cardiology Section.

External Reviewers:

Reviewer A: "He is positioned to make a novel and important impact by leading the charge in understanding the role of dietary salt in HFpEF....Dr. Hummel's CV demonstrates a consistent and sequential progress along this line of inquiry. The articles included in his packet are significant contributions to the field....Dr. Hummel is a growing force and advocate for Cardiology at the University of Michigan. He will undoubtedly continue to elevate and infuse the clinical care environment there with his unique geriatric cardiology perspective....He has my highest recommendation in support of his promotion."

Reviewer B: "[Dr. Hummel] has actively pursued and has achieved extramural funding, including from the NIH. He has developed an area of particular interest, which is nutritional and dietary and lifestyle interventions to modify the outcomes of patients with heart failure and has been prolific in terms of publications, including publications in excellent journals. He has also been an invited speaker to national meetings and has held leadership positions at the University of Michigan, including presently the Interim Chief at the VA."

Reviewer C: “There is clear evidence for [Dr. Hummel’s] accomplishments as an investigator that are consonant with an Associate Professor of Medicine and meet the bar of excellence with regional, national, and international recognition....His multiple grants...are testament to the importance and quality of his research....His research is particularly noteworthy compared to his peers with respect to the impact and relevance as well as the difficulty in conducting interventional trials in nutrition to manage cardiovascular disease.”

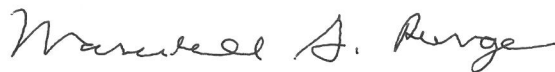
Reviewer D: “In my opinion Dr. Hummel has achieved national and international recognition for his scholarly accomplishments in the field of heart failure with preserved ejection fraction. Moreover, he has made important contributions to the University of Michigan through his clinical and educational contributions....I can perhaps best summarize my admiration for him by stating that we tried extremely hard to recruit him to [my institution] several years ago. He is exactly the type of individual that one would want to have on their faculty.”

Reviewer E: “[Dr. Hummel] has clearly established himself as a national expert. He has published more than 40 papers in top-ranked peer-reviewed journals... I can honestly say that Dr. Hummel is one of the most impressive academic cardiologists [of his professional cohort] studying heart failure right now. Based on his grants, publication record, innovative research ideas and gifted acumen, he would most certainly be promoted to Associate Professor of Medicine if he were here at [my institution.]”

Reviewer F: “...Dr. Scott Hummel is not only deserving, but exemplifies the sort of physician-scientist that every institution would be proud to call Associate Professor. He has achieved national recognition for his science and knowledge within his field. He demonstrates clear scholarly independence and in fact has been a pioneer in his chosen field. He is a highly trained and board-certified sub-specialty physician filling important educational roles within the School of Medicine. He demonstrates the type of career and funding trajectory that predicts ongoing success, and I have no doubt his national reputation will continue to grow in the next decade.”

Summary of Recommendation:

Dr. Hummel is recognized as a national leader in the area of heart failure with preserved ejection fraction, and has made substantial contributions to the field through his research, clinical work, teaching and service. Therefore, I enthusiastically recommend Scott Hummel, M.D. for promotion to associate 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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