

Approved by the  
Regents  
May 15, 2014

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF INTERNAL MEDICINE

Todd M. Koelling, M.D., 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.D.	1990	Johns Hopkins School of Medicine
B.S.	1986	Yale College

Professional Record:

2005-present	Associate Professor of Internal Medicine, University of Michigan
1997-2005	Assistant Professor of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Koelling plays a significant role in education at the University of Michigan. He teaches medical students, residents and general cardiovascular medicine fellows in the clinic on the wards, and in the catheterization laboratory. He also serves as a research mentor to undergraduate students (UROP), residents, fellows, and junior faculty on projects involving heart failure and heart transplantation. He led the creation of a formal accredited fellowship in the field of Advanced Heart Failure and Heart Transplantation, and serves as the director for this program, writing the program curriculum, organizing core lectures and journal clubs, and overseeing the clinical training of the fellows in the program.

Research: Dr. Koelling's research focuses on the care of patients with heart failure, including the identification of patients at high risk of adverse clinical outcomes, improvement of quality of care, and teaching patients to follow the most effective self-care behaviors. His work on nurse-delivered face-to-face patient education in patients admitted for the care of systolic heart failure led to changes in the national guidelines for the care of heart failure patients such that they now specifically state that "patients with HF should receive specific education to facilitate HF self-care," as a Level 1 (highest level) recommendation. Dr. Koelling's research is highly collaborative, and involves projects with investigators in the School of Nursing, Division of Geriatrics, and the College of Pharmacy. He has 57 peer-reviewed publications with 26 as first or senior author, and seven book chapters with all as first or senior author. His work is well-funded through industry sponsored grants, and he serves as site principal investigator on NIH funded clinical trials.

#### Recent and Significant Publications:

Wu AH, Aaronson KD, Koelling TM: Impact of mitral valve annuloplasty on mortality risk in patients with mitral regurgitation and left ventricular systolic dysfunction. *Journal of the American College of Cardiology* 45:381-387, 2005.

Koelling TM, Johnson ML, Cody RJ, Aaronson KD: Discharge education improves clinical outcomes and adherence to self-care practices in patients with chronic heart failure. *Circulation* 111:179-185, 2005.

Matthews JC, Johnson ML, Koelling TM: The impact of patient-specific quality-of-care report cards on guideline adherence in heart failure. *American Heart Journal* 154:1174-1183, 2007.

Hummel SL, DeFranco AC, Skorc S, Montoye CK, Koelling TM: Recommendation of low-salt diet and short-term outcomes in heart failure with preserved systolic function. *American Journal of Medicine* 122:1029-1036, 2009.

Damodaran A, Dardas T, Wu AH, Dyke DBS, Hummel SL, Cowger JA, Koelling TM: Changes in serial B-type natriuretic peptide level independently predict cardiac allograft rejection. *Journal of Heart and Lung Transplantation* 31:708-714, 2012.

Service: Dr. Koelling is very active in patient care, providing clinical management of patients with advanced heart failure and heart transplant recipients in the ambulatory heart failure and transplant clinic, in the Coronary Intensive Care Unit, on the Heart Failure and Transplant Inpatient Service and in the Cardiac Catheterization Laboratory. In 2005, he was appointed as the medical director of heart failure, and in 2006 was appointed as a co-director of the Heart Failure and Transplant Management Program, along with Dr. Keith Aaronson. In this role, he and Dr. Aaronson oversee the operation of a program that includes heart failure telemanagement nursing, pre-transplant nursing, post-transplant nursing, and the Heart Failure and Transplant Inpatient service. Additionally, Dr. Koelling serves on the Cardiovascular Center Clinical Operations Committee, and as a MiChart-EMR Clinic Project Champion.

#### External Reviewers:

Reviewer A: "Dr. Koelling has proven his leadership potential not only by building the excellent program at the University of Michigan, but also in the context of important work on the national level. It is Dr. Koelling's utilization of a combination of education and skills which makes him so unique in the field. His expertise in cardiology and research makes it possible for him to expertly analyze clinical problems and translate them into the research setting. There are few persons in the field of advanced heart failure who, like Dr. Koelling, can combine these skills to the benefit of our patients. He is at the top of his specialty."

Reviewer B: "Dr. Koelling's research is important and well-respected. As his curriculum vitae attests, he has been essential for multiple publications about clinically relevant issues in the field of heart failure....Dr. Todd Koelling is an outstanding member of the University of Michigan community. He will undoubtedly continue to work hard and be extremely productive in

research, teaching and clinical care. He has demonstrated outstanding leadership skills and is highly deserving of the honor of being Professor on the instructional track at the University of Michigan.”

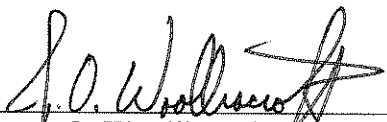
Reviewer C: “...Dr. Koelling has national recognition as an important thought leader in the heart failure arena. He has been a devoted and successful mentor. He contributes enormously in the complex environment of clinical heart failure and transplant care. He has written scholarly and impactful literature.”

Reviewer D: “Dr. Koelling is routinely invited to present at the national scientific sessions of the AHA, ACC, and HFSA, and is invited to speak at top institutions. He reviews manuscripts for top journals, and serves on the ACC H2H Advisory Council. In summary, he has clearly developed a national and international reputation as a heart failure specialist and clinical researcher. Among his peers, he is easily in the top 10% in terms of scholarship and accomplishments.”

Reviewer E: “It is very clear that Dr. Koelling is a national and international figure well recognized in the heart failure community. His publications, which have centered on a variety of topics, have certainly had impact to the field.”

Summary of Recommendation:

Dr. Koelling is well known for his work on heart failure outcomes. He created the accredited Heart Failure and Transplantation training program at the University of Michigan, and is an outstanding clinician. Therefore, I enthusiastically recommend Todd M. Koelling, M.D. for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.



James O. Woolliscroft, MD

Dean

*Lyle C. Roll Professor of Medicine*

May 2014