

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Keith D. Aaronson, 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.S.	1990	University of Michigan
M.D.	1984	Baylor College of Medicine
B.A.	1980	Johns Hopkins University

Professional Record:

2003-present	Associate Professor of Internal Medicine, University of Michigan
1998-present	Research Investigator, Department of Internal Medicine, University of Michigan
1996-2003	Assistant Professor of Internal Medicine, University of Michigan
1994-1996	Investigator, International Center for Health Outcomes and Innovations Research (InCHOIR), Columbia University College of Physicians and Surgeons
1993-1996	Assistant Professor of Medicine, Columbia University College of Physicians and Surgeons
1987-1990	Lecturer in Internal Medicine and Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Aaronson lectures to medical students on heart failure with case presentations, supervises residents, interns and students during rotations, has mentored numerous students, post doctoral fellows, and junior faculty related to clinical research and has an international reputation as an excellent medical lecturer.

Research: Dr. Aaronson is known nationally and internationally as a clinical investigator in the field of advanced heart failure. He has been involved in a number of clinical trials related to mechanical circulatory support and is well regarded by his peers as an expert in exercise physiology, in preoperative risk assessment and post LVAD implantation management with significant funding primarily from industry. Dr. Aaronson has authored or co-authored 67 peer-reviewed journals with very high impact factors in the field of cardiovascular medicine and has presented more than 200 intramural and extramural presentations and seminars. Dr. Aaronson has been an abstract reviewer for the American College of Cardiology (ACC), the American Heart Association (AHA), the International Society for Heart and Lung Transplantation

(ISHLT), and the Heart Failure Society. He has also been a moderator of scientific sessions at the AHA, ACC and the ISHLT.

Recent and Significant Publications:

Mathews JC, Koelling TM, Pagani FD, Aaronson KD: Right ventricular failure risk score: A pre-operative tool for assessing the risk of right ventricular failure in left ventricular assist device candidates. *J Am Coll Cardiol* 51:2163-2172, 2008.

Sackner-Bernstein JD, Kowalski M, Fox M, Aaronson KD: Short-term risk of death after treatment with nesiritide for decompensated heart failure. *JAMA* 293:1900-1905, 2005.

Sackner-Bernstein JD, Skopicki HA, Aaronson KD: Risk of worsening renal failure with nesiritide in patients with acutely decompensated heart failure. *Circulation* 111:1487-1491, 2005.

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

Koelling TM, Joseph S, Aaronson KD: Heart failure survival score continues to predict clinical outcomes in heart failure patients receiving beta blockers. *J Heart Lung Transplant* 23:1414-1422, 2004.

Service: Dr. Aaronson is a national leader on many committees involving clinical research. He is currently the president for the Cardiac Transplant Research Database Group. He has been a reviewer for major society journals, has served on NIH study sections and has been an abstract reviewer for several national/international scientific sessions. Dr. Aaronson has provided important leadership as medical director of the Cardiac Transplant Program, as co-director of the Heart Failure and Transplant Management Program, and as the medical director of the Center for Circulatory Support at the University of Michigan. Dr. Aaronson serves extensively on the transplant cardiology inpatient service and rotates on the inpatient cardiology service.

External Review:

Reviewer A: "Dr. Aaronson is a highly accomplished researcher and physician with major contributions to the field of heart transplant. He has authored and co-authored over 66 articles in peer reviewed journals with very high impact factors in the field of cardiovascular medicine."

Reviewer B: "Academically he has pursued the path that most solid heart failure physicians pursue, namely participating in important multicenter clinical studies using new pharmacotherapies and devices and he has been associated with many important trials over the past decade...He has been visible nationally and has spoken at national meetings sponsored by the ACC, HFSA and the AHA and he is a very active CME lecturer, speaking at multiple academic (and non-academic) centers each year."

Reviewer C: “Dr. Aaronson is most certainly an important thought leader in the heart failure academic arena. His seminal work...about the triage of patients under consideration for heart transplant using peak oxygen consumption has proven to be an enduring tool that is very much used today all over the world. His research focus has built on this foundation, and he is now known nationally and internationally as one of the foremost investigators in the area of proper selection of heart failure patients for advanced therapies.”

Reviewer D: “Having attended several lectures given by Dr. Aaronson, I can state that he is an excellent medical educator, with the ability to integrate broad knowledge and synthesize it into a cogent, logical message for medial audiences of all types. As such, I have no doubt that he represents a significant asset to the students and trainees at all levels at the University of Michigan Medical Center and Medical School.”

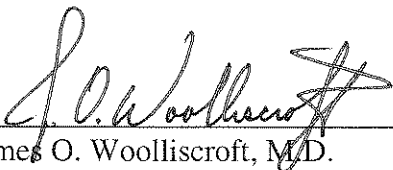
Reviewer E: “Over the past 10-15 years, the University of Michigan has attained considerable national-international recognition for it[s] work in advanced heart failure, cardiac assist devices and heart transplantation. Dr. Aaronson was and is at the forefront of this major achievement....”

Reviewer F: “Dr. Aaronson has also been successful in obtaining both industry support as well as NIH support, and is the principal investigator on a number of important clinical trials that bring national recognition to the University of Michigan’s advanced heart failure and circulatory assist program.”

Reviewer G: “Through his work, he has published landmark studies which have changed the way Medicine has been practiced over the last seven years. His work as a senior investigator in developing predictive models for patients with advanced heart failure undergoing cardiac transplantation or other advanced therapies is considered unique and innovative at the highest level of scholarly work. This series of work has allowed heart failure clinicians to better allocate transplant resources to patients.”

Summary of Recommendation:

Dr. Aaronson is an excellent medical educator, an accomplished clinical investigator and has attained an international reputation as a leading expert in the field of advanced heart failure and transplant cardiology. Additionally, Dr. Aaronson provides leadership to a highly visible heart failure and heart transplantation program. For these reasons and more, I am pleased to recommend Keith D. Aaronson, M.D. for promotion to professor in the Department of Internal Medicine.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2011