

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF CARDIAC SURGERY
DEPARTMENT OF ANESTHESIOLOGY

Jonathan W. Haft, M.D., assistant professor of cardiac surgery, Department of Cardiac Surgery, and assistant professor of anesthesiology, Department of Anesthesiology, Medical School, is recommended for promotion to associate professor of cardiac surgery, with tenure, Department of Cardiac Surgery, and associate professor of anesthesiology, without tenure, Department of Anesthesiology, Medical School.

Academic Degrees:

M.D.	1996	University of Miami
B.A.	1991	University of Pennsylvania

Professional Record:

2012-present	Assistant Professor of Cardiac Surgery, University of Michigan
2007-present	Assistant Professor of Anesthesiology, University of Michigan
2005-2012	Assistant Professor of Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Haft continues to play an active role in our educational program, teaching cardiac surgery fellows, thoracic surgery residents, and medical students as part of the Thoracic Surgery Didactic Lecture Series. He is an effective teacher in other venues as well: the operating room, the intensive care unit, and general care floors, both at the University of Michigan and at the Veteran's Administration Hospital. He is an instructor in the Summer Biomedical Research Program and serves as a mentor to fellows. His resident teaching evaluations have consistently resulted in 'superior' ratings in both academic and clinical categories. They describe him as very approachable, a wonderful teacher, and a great mentor.

Research: Dr. Haft's research interests are centered on the development and use of mechanical circulatory support devices and ECMO (ExtraCorporeal Membrane Oxygenation) for patients with advanced heart or lung failure. Among his seven current grants, he is principal investigator for one NIH grant ("A simple ventricular assist device for short term cardiac support") and co-investigator for another ("Development of a total artificial lung").

Recent and Significant Publications:

Spurlock DJ, Toomasian JM, Fracz E, Mazur D, Bartlett RH, Haft JW. Preliminary in vivo testing of a novel pump for short-term extracorporeal life support. *Annals of Thoracic Surgery* (In Press).

Johnson MR, Meyer KH, Haft JW, Kinder D, Webber SA, and Dyke DB. Heart Transplantation in the United States, 1999 – 2008. *American Journal of Transplantation* 10:1035-1046, 2010.

Haft JW, Leventhal CR, Romano MA, Dyke DB, Pagani FD, Matthews JL. Short and Long Term Survival of Patients Transferred to a Tertiary Care Center on Temporary Extracorporeal Circulatory Support. *Annals of Thoracic Surgery* 88:711-717; discussion 717-718, 2009.

Haft JW, Suzuki Y, Aaronson KD, Dyke DB, Wright S, Poirier V, Pagani FD: Identification of device malfunction in patients supported with the HeartMate XVE left ventricular assist system. *ASAIO J* 53:298-303, 2007.

Haft JW, Armstrong W, Dyke DB, Aaronson KD, Koelling T, Farrar JD, Pagani FD: Hemodynamic and exercise performance with pulsatile and continuous-flow left ventricular assist devices. *Circulation* 116:8-15, 2007.

Service: Dr. Haft maintains an active role in the care of patients at both the UM Cardiovascular Center and the Ann Arbor Veterans Administration Hospital. In addition to his clinical care of patients at both the UM and the VA, Dr. Haft is an active member in nine professional societies as well as serving in five extramural editorial or board committees. He leads or participates in seven hospital committees at the UM Cardiovascular Center and one at the VA. He has an additional appointment with the Department of Anesthesiology and serves as director of the Thoracic ICU and chief of Cardiothoracic Surgery at the VA. He is also medical director of ECMO and associate director of the Cardiovascular ICU.

External Reviewers:

Reviewer A: “Dr. Haft is clearly a rising star in the field of cardiothoracic surgery and his educational skills and interdisciplinary achievements and commitment to diversity are truly outstanding. Were Dr. Haft on the faculty [at my institution] in our section of Cardiothoracic Surgery he would easily be promoted to the rank of Associate Professor.”

Reviewer B: “Dr. Haft’s clinical and research interests involve the development and application of mechanical cardiopulmonary support devices...This is a very challenging field that requires the integration of surgical skills, critical analysis, and an understanding of engineering and physics principles, all while working in an interdisciplinary environment with clinicians, researchers, and engineers. This he has done and continues to do in a highly effective manner...Importantly, these efforts have made him recognized at the international level as a major contributor.”

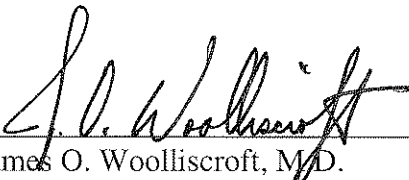
Reviewer C: “He is definitely an asset to the academic community beyond the walls of the University of Michigan...I am most familiar with his work in the ongoing development of chronically implantable circulatory assist devices....The quality of his work is high and has been published in a variety of good peer-reviewed journals....Judging by his presentations at national meetings, I think that Jonathan’s educational skills are excellent.”

Reviewer D: “Dr. Haft’s scholarship and research interests have centered in the area of mechanical support devices for advanced heart and lung failure. His research and publications continue to have an important impact in the field of artificial heart and lung support. Dr. Haft’s membership in a variety of professional societies and his position on Editorial Boards and peer review committees contribute importantly to the advancement of technology and clinical expertise in the field of extracorporeal cardiopulmonary support....Dr. Haft embraces and promotes the important concept of the multi-disciplinary team in cardiovascular-thoracic critical care. He demonstrates outstanding leadership qualities and clearly is of the highest integrity.”

Reviewer E: “He has demonstrated continued scholarship and professional growth on the regional and national scenes....he is a well-recognized leader in the field of heart failure, artificial lung development and studies related to mechanical support....His work on artificial lung development is revolutionary, and he has established himself as an up and coming clinical and research authority on ECMO. He is certainly regarded as a major contributor to our understanding of heart and lung failure and its relationship to mechanical support....He is another research gem at Michigan. Please let me know if you deny his promotion so I can recruit him to my Department...”

Summary of Recommendation:

Dr. Haft is an exemplary physician, scholar and teacher who provides significant service to the institution. I am pleased to recommend Jonathan W. Haft, M.D. for promotion to associate professor of cardiac surgery, with tenure, Department of Cardiac Surgery, and associate professor of anesthesiology, without tenure, Department of Anesthesiology, Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2012