

PROMOTION RECOMMENDATION  
THE UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF SURGERY

Nicholas H. Osborne, M.D., M.S., assistant professor of surgery, Department of Surgery, Medical School, is recommended for promotion as associate professor of surgery, with tenure, Department of Surgery, Section of Vascular Surgery, Medical School.

Academic Degrees:

M.S.	2009	University of Michigan
M.D.	2005	Dartmouth Medical School
B.S.	2001	University of New Hampshire

Professional Record:

2014 – Present	Assistant Professor of Surgery, University of Michigan
2014 – Present	Assistant Professor, Veterans Affairs Ann Arbor Healthcare System

Summary of Evaluation:

Teaching: Dr. Osborne is a dedicated and excellent teacher of trainees at all levels. He is highly regarded by trainees and medical students alike as the associate program director of the Integrated Vascular Surgery Residency and Fellowship Program. His teaching responsibilities have included medical student, house officer and fellow education in a variety of settings, including scholarly functions that take place at the Medical School and Cardiovascular Center. Dr. Osborne mentored Danielle Sutzko, M.D., M.S., a surgical house officer doing her research on our T32 Vascular Biology Training Program. He has contributed to the maturation of the vascular surgery educational programs for our residency and fellowship training program, which are highly sought after and recruit the best and brightest candidates in the country. Dr. Osborne's teaching excellence is evidenced through receipt of the Faculty Excellence in Education award in 2016, and the prestigious William W. Coon Surgery Faculty Teaching Award in 2020.

Research: Dr. Osborne's research focuses on examining variation in the care of patients with cardiovascular disease, identifying the drivers of the adoption of new technology and defining the comparative effectiveness of current treatment strategies for patients with peripheral arterial disease (PAD). He has also been the first physician in the country to extensively investigate data in the national varicose vein VQI registry, and has published a number of papers related to unique aspects of appropriate treatment of superficial venous disease. Dr. Osborne has significant experience using large administrative and registry data. He has received Career Development Awards from the NIH and the American Heart Association, as well as funding from CryoLife, Inc., and the Mayo Clinic.

Recent and Significant Publications:

Smith ME, Andraska EA, Sutzko DC, Boniakowski AM, Coleman DM, Osborne NH: The decline of open abdominal aortic aneurysm surgery among individual training programs and vascular surgery trainees. *J Vasc Surg* 71(4): 1371-1377, 01/2020.

Smith ME, Sutzko DC, Davis FM, Eliason JL, Henke PK, Osborne NH: Volume Standards for Open AAA Repair Are Not Associated With Improved Clinical Outcomes. *Ann Vasc Surg* 19: 30415-7, 06/2019.

Smith ME, Sutzko DC, Beck AW, Osborne NH: Provider Trends in Atherectomy Volume between Office Based Laboratories and Traditional Facilities. *Ann Vasc Surg* 48: 18, 01/2019. PM30684609

Gonzalez AA, Cruz CG, Dev S, Osborne NH: Indication for Lower Extremity Revascularization and Hospital Profiling of Readmissions. *Ann Vasc Surg* 35 August: 130-7, 08/2016.

Osborne NH, Nicholas LH, Ryan AM, Thumma JR, Dimick JB: Association of hospital participation in a quality reporting program with surgical outcomes and expenditures for medicare beneficiaries *JAMA - Journal of the American Medical Association* 313(5): 496-504, 01/2015. PM25647205.

Osborne NH, Nicholas LH, Ryan AM, Thumma JR, Dimick JB: Association of hospital participation in a quality reporting program with surgical outcomes and expenditures for medicare beneficiaries. *Journal of the American Medical Association* 313(5): 496-504, 01/2015.

Service: Dr. Osborne serves as the chief of vascular surgery at the Ann Arbor Veterans Affairs Health System, and as the director of the Ann Arbor Veterans Affairs Health System Vascular Lab. He serves on the editorial board of the *Journal of Surgical Research* and as a reviewer for multiple journals. Dr. Osborne is secretary for the Michigan Vascular Society and is a member of multiple professional societies. He serves on the University of Michigan Comprehensive Stroke Center Leadership Team, MiChart Inpatient Medical Record Development Committee and the MiChart Stage 4 Leadership Team, and the U.S. News and World Report Taskforce. He is a member of numerous national committees, including the American Heart Association Peripheral Vascular Disease Extra Council, and the Society for Vascular Surgery Vascular Quality Initiative Research Advisory Committee.

External Reviewers:

Reviewer A: “After completing a vascular fellowship at Michigan, Dr. Osborne continued on a steep upward path of academic productivity during his first five years as a junior faculty member. He authored numerous high-quality publications which included being first-author on a very important (and controversial) study published in *JAMA* that examined hospital participation in ACS-NQIP and surgical outcomes. Dr. Osborne also quickly established himself as a national leader in health services research focused on evaluating quality metrics across different aspects of vascular surgery... He has already demonstrated the ability to be an independent surgical investigator, including securing extramural grant funding from the AHA, NHLBI and directing a productive research group.”

Reviewer B: “As an Assistant Professor at the University of Michigan, Dr. Osborne has continued to be very productive. His clinical interests lie in the treatment of aortic aneurysm using open and endovascular techniques. He also has interest in peripheral artery disease and vascular dialysis

access, and he is an active participant in the multidisciplinary clinical program at the University Hospital...Dr. Osborn [sic] has excelled as an academic vascular surgeon during his early career. His productivity exceeds that of most of his peers. Were he to be at our institution, I am confident that his promotion would face no objections.”

Reviewer C: “Dr. Osborne has a solid publication record, including several high impact journals with broad national and international audiences including *JAMA* and the *New England Journal of Medicine*...In terms of grant support, Dr. Osborne is currently the primary investigator on an NIH K08 grant and an NIH SubK clinical trial through the Mayo Clinic. He has another important grant from the American Heart Association, along with two industry awards. This role is further confirmation of his dedication to becoming a leader in quality measurement in vascular surgery and health services research...Dr. Osborne offers a valuable service to your community through his appointment as Chief of Peripheral Vascular Surgery and Director of the Vascular Laboratory at the VA hospital. There is no doubt that his engagement with these different departments, faculty, and health care populations greatly informs and expands his acumen to provide an innovative and thoughtful approach for exceptional patient care and investigation...In summary, Dr. Osborne has demonstrated that he is an exceptional faculty member.”

Reviewer D: “A particularly noteworthy publication was his first-authored report in *JAMA* describing the effect on surgical quality of mere participation in ACS NSQIP. I have cited this paper numerous times as an argument that registry participation is merely the starting point for quality improvement...As a result of his academic productivity, Dr. Osborne has established a strong reputation as an expert in vascular surgical quality. His work in appropriate use of peripheral interventions for intermittent claudication is especially significant and has resulted in him being named to several important positions within the Society for Vascular Surgery as well as its Patient Safety Organization. In those roles, he is a true contributor.”

Reviewer E: “Dr. Osborne has few peers who meet his standards of innovative research contributions. The quality and impact of his work is truly world class. He is doing cutting edge comparative effectiveness research focused on understanding the long-term outcomes of endovascular and open bypass treatment of claudication and the way these are affected by the decision-making approach of individual providers...In the area of service, Dr. Osborne has provided outstanding service to a number of our regional and national organizations...Dr. Osborne’s record of performance, current level of funding and role in development of important new translational and clinical studies ensure that he will continue on his brilliant path to academic excellence and leadership...Dr. Osborne would clearly qualify for a similar position at my institution and I recommend him enthusiastically and without any reservation.”

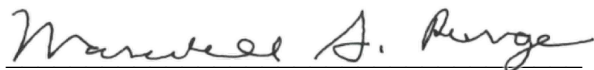
Reviewer F: “Dr. Osborne has rapidly ascended the academic ladder and is well recognized as an emerging national leader in comparative-effectiveness clinical outcomes research within the field of Vascular Surgery. He has published extensively on the full gamut of contemporary vascular surgery problems and frequently is invited to lecture in regional, national, and international forums about various topics...His interests in large quality database analyses to identify and understand what the drivers are for variation in outcome after vascular surgery have led to multiple, high-impact publications...Dr. Osborne is quite simply among the very best and brightest in our field

and he will only continue to achieve greater accomplishments in the clinical, educational, research and administrative aspects of academic vascular surgery with time.”

Reviewer G: “Our field of vascular surgery has undergone significant changes over the last decade with the emergence of new technology and techniques, and Dr. Osborne has been at the forefront and a leader in our specialty...It is evident that Dr. Osborne is dedicated to an academic career as witnessed by efforts in resident education and serving as the Associate Program Director of the residency program as well as winning the University of Michigan Vascular Teaching Award in 2016...Every interaction I have had with Dr. Osborne has been positive and he is a good ambassador for University of Michigan. He is the ‘triple hitter’ (outstanding clinically, teaching, research) that is rare to find in our era and he performs these duties in a humble fashion that puts everyone at ease around him. I have witnessed Dr. Osborne synthesize information very quickly in committee meetings for various societies we participate in and give an extremely cogent response to a particularly complex situation. Dr. Osborne is a superstar and will continue to do great things in the future as he has already done.”

Summary of Recommendation:

Dr. Osborne is an excellent vascular surgeon with a focus on the treatment of aneurysmal disease, and peripheral arterial disease, and in examining the effectiveness of current treatment strategies. He is an important contributor for the vascular surgery community and a rising star. I am pleased to recommend Nicholas H. Osborne, M.D.,M.S. for promotion to associate professor of surgery, with tenure, Department of Surgery, Medical School.



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

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