

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

Geoffrey D. Barnes, M.D., M.Sc., 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:

2015	M.Sc.	University of Michigan
2007	M.D.	University of Michigan
2003	B.S.	Washington University

Professional Record:

2017 - present	Assistant Professor of Internal Medicine, University of Michigan
2014 - 2017	Clinical Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Barnes has been very active in teaching, providing both clinical and research mentoring, as well as lecturing in a number of venues. As the director for the Vascular Medicine Fellowship program, he works closely with trainees in the clinic and in didactic learning environments. He gives numerous annual lectures for medical students, clinical residents and fellows, and graduate students on topics of both clinical and research expertise. While in his weekly outpatient clinic and rounding on the inpatient cardiology service, he is a teacher and mentor to many medical students, residents, and fellows. Dr. Barnes has also lectured extensively at national meetings and symposia, giving more than 12 international and 75 domestic invited talks since 2017.

Research: Dr. Barnes' research focuses on improving the care of patients with thromboembolic conditions or who use anticoagulant medications. He is the principal investigator and co-investigator of multiple grants, including numerous career development awards. This research has been funded by the National Institutes of Health, the Agency for Healthcare Research and Quality, and Blue Cross Blue Shield of Michigan. Dr. Barnes has published 122 peer-reviewed articles, and has been invited to contribute editorials and review articles for high-profile journals in his field, including the *Journal of the American College of Cardiology*, *Journal of the American Heart Association*, *Circulation: Cardiovascular Quality and Outcomes*, and *Vascular Medicine*. Recognition of his expertise in the field is evident in his editorial service for *American Journal of Medicine* and *Thrombosis and Haemostasis*.

Recent and Significant Publications:

Schaefer JK, Erickson J, Li Y, Kong X, Alexandris-Souphis T, Ali M, Decamillo D, Haymart B, Kaatz S, Kline-Rogers E, Kozlowski JH, Krol G, Shankar S, Sood S, Froehlich J, Barnes GD: Adverse Events Associated with the Addition of Aspirin to DOAC Therapy Without a Clear Indication *JAMA Int Med* Epub Ahead of Print: e211197, 04/2021. (In Press) PMC8056309

Dawson T, DeCamillo D, Kong X, Shenksy B, Kaatz S, Krol GD, Ali M, Haymart B, Froehlich JB, Barnes GD: Correcting Inappropriate Prescribing of Direct Oral Anticoagulants: A Population Health Approach *J Am Heart Assoc* 9(22): e016949, 11/2020. (In Press) PMC7763734

Barnes GD, Burnett A, Allen A, Blumenstein M, Clark NP, Cuker A, Dager WE, Ellsworth S, Garcia DA, Kaatz S, Minichiello T: Thromboembolism and Anticoagulant Therapy During the COVID-19 Pandemic: Interim Clinical Guidance from the Anticoagulation Forum *J Thromb Thrombolys* 2020;50: 72-81 PMID: 32440883; PMCID: PMC7241581.

Barnes GD, Spranger E, Sippola E, Renner E, Ruff A, Sales AE, Kurlander JE: Assessment of a Best Practice Alert and Referral Process for Preprocedure Antithrombotic Medication Management for Patients Undergoing Gastrointestinal Endoscopic Procedures *JAMA Netw Open* 3(2): e1920548 DOI: 10.1001/jamanetworkopen.2019.20548, 02/2020. PMC7416616

Schaefer JK, Li Y, Gu X, Souphis NM, Haymart B, Kline-Rogers E, Almany SL, Kaatz S, Kozlowski JH, Krol GD, Sood SL, Froehlich JB, Barnes GD: Association of Adding Aspirin to Warfarin Therapy Without an Apparent Indication with Bleeding and Other Adverse Events *JAMA Int Med* 2019;179(4): 533-541 04/2019. PMC6450296

Service: Dr. Barnes is an excellent clinician who provides patient care as a consultative cardiologist and also performs diagnostic vascular unit readings. In addition to his clinical schedule, he is an active member of several professional societies and serves on committees for the American Heart Association, the American College of Cardiology, and the Society for Vascular Medicine. Institutionally, he currently serves as the medical director of the Pulmonary Embolism Response Team, and as the co-director of the Michigan Program on Value Enhancement (MPrOVE). He is also a member of the Anticoagulation Pharmacy and Therapeutics Subcommittee and Venous Thromboembolism Prevention and Treatment Committee.

External Reviewers:

Reviewer A: “At national meetings, Dr. Barnes is highly visible, active and well respected...On the research front, Dr. Barnes [sic] work is outstanding. He has co-authored over 100 peer-reviewed journal and publications to date and also currently has 9 funded grants. Taken together, Dr. Barnes does very well on a national level...He is a wonderful representative and ambassador for your outstanding university.”

Reviewer B: “I have reviewed Dr. Barnes’ CV and bibliography in detail. It is clear that he has been phenomenally productive as a researcher in this early stage of his career. I am struck by how practical and clinically meaningful his publications are. He has addressed common but controversial issues in anti-thrombotic therapy in a common sense and evidence-based fashion. His publications have been supported by an outstanding track record of grant applications and awards.”

Reviewer C: “Dr. Barnes’ work in implementation science is very strong. As a clinician, he has an intimate understanding of the clinical setting within which he is designing interventions for. In reviewing his research and recent papers, he clearly has an in-depth understanding of the field of implementation science and is using and applying nuanced and cutting-edge approaches such as intervention mapping and tailoring of strategies to local contexts...His standing is far ahead of many in his peer group. Implementation science is a hard field to get into. Given the focus and quantity of his work including an AHRQ R18 (RO1 equivalent), he is clearly ahead of others in his peer group at his stage of his career.”

Reviewer D: “In his field of vascular medicine and thrombosis, Dr. Barnes is emerging as a clear leader in defining how best to rebuild the infrastructure of clinical practice to improve its quality. For


example, his work at the University of Michigan Health System's work in building and studying how best to access an anti-coagulation clinic is an exemplar of this type of research...In summary, I could not be more supportive of his promotion to the rank of Associate Professor with Tenure at the University of Michigan. There is no question that we would be promoted at our institution. Moreover, I must confess, that we inquired whether or not he is recruitable, as we would truly love to have him at our institution."

Reviewer E: "He has been exceedingly successful at securing extramural funding, principally from the NIH, currently being PI on a K01, R03, R18, a consortium grant, a fellowship grant for his training program, and as a Co-I on a K23, R21 and a Blue Cross-Blue Shield state collaborative project. He has multiple additional grants under review and has successfully completed numerous others. These successes, along with his participation in numerous editorial positions and involvement on multiple study sections and advisory boards, stem from his exceptional scholarly skills as a clinical and outcomes researcher."

Reviewer F: "For his current rank, he has been quite prolific, with many high-impact journal publications. I also see the transition in his career to a more senior role, as his authorship moves more to the senior position and he assumes more often a PI role in his grant support...My area of research is thrombosis, and where I've felt Geoff's influence in the last few years has been on how we consider the safety of anti-thrombosing patients – he's one of the first in the field to think about broadly de-prescribing aspirin to patients, particularly those who might already be on anticoagulating therapies. His senior author JAMA Internal Medicine paper that was recently published was one that has been widely read and cited."

Summary of Recommendation:

Dr. Barnes is a highly sought-after clinician, researcher and educator whose field of focus is anticoagulation therapy and vascular medicine. He has been prolific through publications and his research is well-funded. He has established a national reputation. I am pleased to recommend Geoffrey D. Barnes, M.D., M.Sc. 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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