

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

Aman Chugh, 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.	1996	Wayne State University
B.S.	1992	University of Michigan

Professional Record:

2012-present	Associate Professor of Internal Medicine, University of Michigan
2005-2012	Assistant Professor of Internal Medicine, University of Michigan
2003-2005	Clinical Lecturer of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Chugh has demonstrated a strong commitment to both clinical and research mentoring. He commits substantial time to the training of electrophysiology and cardiology fellows in procedural skills in the electrophysiology laboratory and the device clinic, and has served as the co-director of the Cardiac Electrophysiology Fellowship program. He also provides didactic lectures on topics such as atrial fibrillation and atrial flutter, and is an active participant in the electrocardiogram conference, the electrophysiology fellows conference, and the residents noon conference. Dr. Chugh mentors junior faculty, fellows, residents, medical students, and graduate and undergraduate students on research projects, and a number of his trainees have presented their work at national meetings and are co-authors on peer-reviewed publications. Regionally, he provides CME lectures, and nationally and internationally, he lectures extensively at meetings of the Heart Rhythm Society and the Asia/Pacific Heart Rhythm Society. Dr. Chugh has contributed a chapter on ablation of supraventricular tachycardia in the last two editions of Zipes' Cardiac Electrophysiology: From Cell to Bedside, the premier textbook in the field, and has contributed chapters to several other textbooks.

Research: Dr. Chugh's research focuses on the catheter ablation of atrial fibrillation, atrial flutter and ventricular arrhythmias. His work has focused on techniques to improve patient outcomes, and is recognized as having made significant contributions to patient care. Dr. Chugh's research has been funded by the NIH, through foundations, and industry. He has authored more than 180 peer-reviewed publications and more than a dozen book chapters, and has numerous abstracts. He is regularly asked to speak at national and international conferences, and to provide peer-review service for leading journals. He has twice been named an elite reviewer by the *Journal of the American College of Cardiology*. He is a fellow of the American College of Cardiology (ACC) and the Heart Rhythm Society, and in 2013, was the recipient of the ACC Simon Dack Award for Outstanding Scholarship.

Recent and Significant Publications:

Chugh A, Gurm HS, Krishnasamy K, Saeed M, Lohawijarn W, Hornsby K, Cunnane R, Ghanbari H, Latchamsetty R, Crawford T, Jongnarangsin K, Bogun F, Oral H, Morady F: Spectrum of atrial arrhythmias using the ligament of Marshall in patients with atrial fibrillation. *Heart Rhythm*. Jan.15(1):17-24, 2018.

Chugh A: When and how to target atrial fibrillation sources outside the pulmonary veins: A practical approach. *Heart Rhythm*. Dec.14(12):1890-1895, 2017.

Ghanbari H, Jani R, Hussain-Amin A, Al-Assad W, Huether E, Ansari S, Jongnarangsin K, Crawford T, Latchamsetty R, Bogun F, Morady F, Oral H, Chugh A: Role of adenosine after antral pulmonary vein isolation of paroxysmal atrial fibrillation: A randomized controlled trial. *Heart Rhythm*. Feb.13(2):407-415, 2016.

Chugh A, Makkar A, Yen Ho S, Yokokawa M, Sundaram B, Pelosi F, Jongnarangsin K, Oral H, Morady F: Manifestations of coronary arterial injury during catheter ablation of atrial fibrillation and related arrhythmias. *Heart Rhythm*. Nov.10(11):1638-1645, 2013.

Yokokawa M, Latchamsetty R, Belardi D, Ghanbari H, Makkar A, Roberts B, Saint-Phard W, Sinno M, Carrigan T, Kennedy R, Suwanagool A, Good E, Crawford T, Jongnarangsin K, Pelosi F, Bogun F, Oral H, Morady F, Chugh A: Characteristics of Atrial Tachycardias due to Small versus Large Reentrant Circuits after Ablation of Persistent Atrial Fibrillation. *Heart Rhythm*. Apr.10(4):469-476, 2013.

Service: Dr. Chugh is very active clinically, performing mapping and ablation procedures on patients with arrhythmias. With his expertise, he is regularly referred patients who have not responded to other approaches or who have severe heart disease. Dr. Chugh serves as the director of Clinical Operations for the Arrhythmia Service at Michigan Medicine, and is an active member of the American College of Cardiology, the Heart Rhythm Society, and American Heart Association. He is a member of the editorial board of *Heart Rhythm*, and as an editorial consultant for the *Journal of the American College of Cardiology*.

External Reviewers:

Reviewer A: "As a procedural invasive cardiac electrophysiologist, Dr. Chugh is both nationally and internationally known particularly for repeat procedures for atrial fibrillation and structural heart disease ventricular tachycardia. Dr. Chugh has made important and highly impactful contributions to the field of invasive electrocardiology...From his research, clinical work, and personal interactions, Dr. Chugh has a reputation for the highest integrity and professionalism...Dr. Chugh is an excellent candidate for promotion to the rank of Professor with tenure at the University of Michigan."

Reviewer B: "...Dr. Chugh is a nationally and internationally recognized clinical electrophysiologist. His focus clinically and for his research efforts has been on atrial fibrillation and atrial flutter. This is a clinical problem of enormous importance. Dr. Chugh rates among the very best in performing these procedures but also in pushing the field forward with his clinical research efforts. His CV is clear evidence of his remarkable academic productivity...In summary,

Dr. Chugh merits promotion to Professor. Certainly if he were at [my institution], he would be promoted to Professor at this time.”

Reviewer C: “Dr. Chugh is a leading investigator in atrial arrhythmia ablations...His seminal observations in post-ablation arrhythmias has contributed to the improved care in patients that underwent ablation...Dr. Chugh is a renowned clinical scientist and an expert in cardiac arrhythmia. I can support his promotion without reservations.”

Reviewer D: “...Dr. Chugh has made major and substantial contributions to the field of cardiac electrophysiology and particularly in the management of atrial fibrillation and atrial flutter with catheter ablation. He has a national and international reputations [sic] for his excellent work. I strongly support his promotion to Professor with Tenure on the Instructional Track. I can think of few others who have made such major contributions and are deserving of this Promotion.”

Reviewer E: “Dr. Chugh displays an amazing dedication to both medical research and instruction. He has made important contributions to the field and institution that validate his promotion...Throughout his career, Dr. Chugh has demonstrated excellence in his clinical work and a profound interest in pursuing meaningful research...I give Dr. Chugh my highest recommendation for the appointment of Professor with Tenure...His commitment to research and education is an intellectual display of passion for academia and his invaluable position as an excellent role model for his students and colleagues alike.”

Summary of Recommendation:

Dr. Chugh is recognized as an international leader in the area of cardiac electrophysiology, and has made substantial contributions to the field through techniques which improve patient outcomes and patient care. I am pleased, therefore, to recommend Aman Chugh, M.D. for promotion to 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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