

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF INTERNAL MEDICINE

Approved by the Regents  
May 14, 2009

Yuqing Eugene Chen, M.D., Ph.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:

Ph.D.	1995	University of Western Ontario
M.Sc.	1988	Institute of Medical Sciences, Beijing, P. R. China
M.D.	1985	The Third Military Medical University Chongqing, P. R. China

Professional Record:

2005-present	Associate Professor of Internal Medicine, University of Michigan
2003-2005	Associate Professor of Biochemistry, Morehouse School of Medicine
1999-2003	Assistant Professor of Biochemistry, Morehouse School of Medicine
1998-1999	Instructor of Medicine, Harvard Medical School

Summary of Evaluation:

Teaching: Currently, Dr. Chen is mentoring two junior faculty members, nine fellows, and one undergraduate student in his research team at the Cardiovascular Medicine Center within University of Michigan Medical Center. In the past ten years, 13 fellows, who have successful scientific careers, finished their training in Dr. Chen's laboratory. In addition, one undergraduate student accepted by Yale's MD/PhD program in 2002 was trained in Dr. Chen's laboratory. Besides training fellows/students in his laboratory, Dr. Chen has been invited to give seminars (>10 times/year since 2006) in scientific meetings and other institutes nationally and internationally.

Research: Since Dr. Chen's appointment in 2005 at the University of Michigan, he has had 22 peer reviewed papers published in top tier journals such as *Circulation Research*, *Nature Medicine*, and *PNAS*. He has honorary professorships at the Institute of Molecular Medicine, Beijing University, Beijing, China (2005), Southern Medical University, Guangzhou, China (2007), and Ziangya Medical College, Changsha, China (2007). Dr. Chen serves on the *Journal of Geriatric Cardiology* editorial board (2004–present), the AHA Vascular Biology Study Section, the Peer Reviewed Medical Research

Program, and the U.S. Army Medical Research and Materiel Command. He is an *ad hoc* member of the NIH/NHLBI Vascular Cellular and Molecular Biology Study Section as well as the NIH/NHLBI Hypertension and Microcirculation Study Section, is a member of the AHA (National), Lipoproteins, Lipid Metabolism and Nutrition Study Section, and the NIH/NHLBI Vascular Cellular and Molecular Biology Study Section. Dr. Chen's program is currently funded by more than \$5,000,000 from the NIH, AHA, and pharmaceutical companies. He has presented 21 invited lectures (nationally) and 14 invited lectures (internationally) since 2005.

Recent and Significant Publications:

Ichikawa T, Zhang J, Chen K, Liu Y, Schopfer FJ, Baker PR, Freeman BA, Chen YE (Co-senior author), Cui T: Nitroalkenes suppress LPS-induced STAT signaling in macrophages: A critical role of MKP-1. *Endocrinology* 149(8):4086-94, 2008.

Li Y, Zhang J, Schopfer FJ, Martynowski D, Garcia-Barrio MT, Kovach A, Suino-Powell K, Baker PRS, Freeman BA, Chen YE, and Xu HE: Molecular recognition of nitro-fatty acids by PPAR $\gamma$ . *Nat Struct Mol Biol* 15(8):865-7, 2008.

Chang L, Zhang J, Tseng YH, Xie CQ, Jacob J, Brüning JC, Sun Z, Zhu X, Cui T, Youker KA, Yang Q, Day SM, Kahn CR, Chen YE: Rad GTPase deficiency leads to cardiac hypertrophy. *Circulation* 116:2976-83, 2007.

Zhang J, Zhong W, Cui T, Hu X, Xu K, Li L, Liu C, Chen YE: Generation of an adult smooth muscle cell-targeted Cre recombinase mouse model. *Arterioscler Thromb Vasc Biol* 26(3):e23-4, 2006.

Cui T, Schopfer FJ, Zhang J, Chen K, Ichikawa T, Baker PR, Batthyany C, Chacko BK, Feng X, Patel RP, Agarwal A, Freeman BA, Chen YE: Nitrated fatty acids: Endogenous anti-inflammatory signaling mediators. *J Biol Chem* 281:35686-98, 2006.

Service: Dr. Yuqing Eugene Chen has served as a peer-reviewer for American Heart Association (AHA) and National Institutes of Health (NIH) Study Sections as well as scientific journals such as *Circulation*, *Circulation Research*, *Hypertension*, and *Journal of Lipid Research*, *Journal of Biological Chemistry*, *FASEB (Federation of American Societies for Experimental Biology) Journal*, and *PNAS (Proceedings of the National Academy of Sciences)*. To advance the excellence of cardiovascular research, Dr. Chen is serving as the secretary general of the Academy of Cardiovascular Research Excellence (ACRE).

External Review:

Reviewer A: "Dr. Chen is one of the leading vascular biologists in the USA today...Based on his scholarly accomplishments, I rank Dr. Chen as being in the top 5% of his peers nationwide...Dr. Chen's accomplishments are not restricted to scholarly production per se, since he has been a terrific role model and mentor to multiple post-

doctoral fellows who have worked in his laboratory. As is evidenced by his CV, many of these fellows now occupy full time faculty positions in this country and internationally.”

Reviewer B: “Dr. Chen is a remarkably gifted scientist who is pioneering the research in diabetes-induced vascular diseases....In one of science’s truly cutting-edge fields, Dr. Chen has proved himself to be among the most creative and insightful researchers....In the past five years, seven of his fellows have obtained tenure-track assistant professor positions nationally and internationally.”

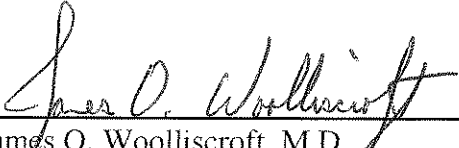
Reviewer C: “In my opinion, Dr. Chen is in the top 2 percent of the investigators in the vascular biology field....He is one of the movers and shakers in the field....He certainly is the kind of investigator the University of Michigan is known for nationally and internationally.”

Reviewer D: “Overall Dr. Chen has made enormous contributions, which are already being recognized as clinically relevant....He uses state-of-the-art technology, he conducts his research with rigour and precision and he is uncompromising with respect to standards of excellence. His recognition in the field is evidenced by the numerous publications in high impact journals.”

Reviewer E: “Dr. Chen’s outstanding scientific achievements and ongoing leading program in vascular medicine project him an excellent candidate for a full professorship in any medical school in the US. With an esteemed honor as an American Heart Association Established Investigator, Dr. Chen’s excellence is further evidenced by his outstanding funding from NIH (three R01 grants and one R21 grant).”

Summary of Recommendation:

Dr. Chen is a prominent and highly prolific scientist who is widely recognized for his novel ideas and cutting-edge research in vascular biology. He is an excellent teacher and mentor and gives selflessly to the scientific world through his engagement in study section reviews and participation and presentations at national and international meetings. I am pleased to recommend Yuqing Eugene Chen for promotion to professor of internal medicine, with tenure, Department of Internal Medicine.



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James O. Woolliscroft, M.D.  
Dean  
*Lyle C. Roll Professor of Medicine*

May 2009