

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

Eric S. White, 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.	1995	State University of New York, Brooklyn, NY
B.S.	1991	Tufts University

Professional Record:

2010-present	Associate Professor of Internal Medicine, University of Michigan
2003-2010	Assistant Professor of Internal Medicine, University of Michigan
2001-2003	Clinical Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: As an associate professor, Dr. White engages in a number of teaching activities both in a clinical capacity as well as in a didactic capacity. He serves as an attending physician on the CCMU (Critical Care Medicine Unit) annually and during each rotation, he is responsible for the medical education of at least two M4 students as well as medical interns, residents and fellows. Once a month, he also serves as the supervising attending for the pulmonary fellows' clinic. He serves as a small group leader for M2 sessions on Respiratory Physiology and as a panelist for an M2 elective, Spirituality: The elephant in the exam room. In the classroom, Dr. White has delivered lectures for CDB 680 (Organogenesis of Complex Tissues) and CDB 582 (Stem Cells in Organogenesis and Regenerative Medicine). He has served as a co-chair of the Cellular & Molecular Biology Graduate Student Research Forum and over the past two years, he has taken the helm of the Divisional Update in Pulmonary and Critical Care Medicine CME course. Since 2010, Dr. White has delivered six research lectures internationally and many additional lectures all over the U.S. Dr. White also mentors undergraduate students, medical students, medical residents and pulmonary fellows in his laboratory.

Research: Throughout his career, Dr. White has been involved in all aspects of research and his lab has been continuously funded by the NIH. In addition to his own bench-based mechanistic research focusing on the lung extracellular matrix, fibroblast biology, and their roles in pulmonary fibrosis, he has been involved in translational studies of biomarkers in lung fibrosis and clinical trials of various therapeutic agents in patients with lung fibrosis. Dr. White's lab has collaborated on a number of studies for colleagues by performing experiments using their unique resources. As a result of this team science effort, Dr. White has been included as an author on 14 peer-reviewed manuscripts in 2014. He has been an integral part of the basic, translational, and

clinical research enterprise at the University of Michigan and was recently appointed as the director of Translational Interstitial Lung Disease Research. Since his promotion to associate professor in 2010, Dr. White has published 50 peer-reviewed articles, 11 as first or senior author. He has served as a senior editor of the *Journal of Pathology* and currently serves as associate editor of the *American Journal of Respiratory and Critical Care Medicine*.

Recent and Significant Publications:

Booth AJ, Hadley R, Cornett AM, Dreffs AA, Matthes SA, Tsui JL, Weiss K, Horowitz JC, Fiore VF, Barker TH, Moore BB, Martinez FJ, Niklason LE, White ES: Acellular normal and fibrotic human lung matrices as a culture system for *In Vitro* investigation. *Am J Resp Crit Care Med* 186:866-876, 2012.

Booth AJ, Wood SC, Lu G, Muro AF, White ES*, Bishop DK*: Recipient-derived EDA fibronectin promotes cardiac allograft fibrosis. *J Pathol* 226:609-618, 2012. *denotes co-senior authorship.

Ghaedi M, Calle EA, Mendez JJ, Gard AL, Balestrini J, Booth A, Bove PF, Gui L, White ES, Niklason LE: Human iPS cell-derived alveolar epithelium repopulates lung extracellular matrix. *J Clin Invest* 123:4950-4962, 2013.

White ES, Brown KK, Collard HR, Conoscenti CS, Cosgrove GP, Flaherty KR, Leff JA, Martinez FJ, Roman J, Rose D, Violette S, Kaminski N: Open-access biorepository in idiopathic pulmonary fibrosis: The way forward. *Ann Am Thorac Soc* 11:1171-1175, 2014.

Parker MW, Rossi D, Peterson M, Smith K, Sikström K, White ES, Connett JE, CA Henke CA, Larsson O, Bitterman PB: Fibrotic extracellular matrix activates a profibrotic positive feedback loop. *J Clin Invest* 124:1622-1635, 2014.

Service: Dr. White serves as the course director for the Annual Updates in Pulmonary & Critical Care Medicine CME course. He also participates in the Pulmonary Division Faculty Recruitment Committee, the Pulmonary Fellow Clinical Competency Committee, the Pulmonary Division Mentoring Committee, and the Veterans Affairs Pulmonary Section Chief Search Committee. Dr. White serves as an ad hoc member of the Ambulatory Infusion Advisory Committee. On a national level, he has served as an ad hoc member of numerous NIH study sections and is a standing member of the Panel for Pulmonary Medicine, VA Joint Biomedical Laboratory Research and Development and Clinical Science Research and Development Services Scientific Merit Review Board. Dr. White is the chair of the Scientific Advisory Committee of the American Thoracic Society and a member of the Medical Advisory Board for the Pulmonary Fibrosis Foundation. He has established himself as an international expert on the diagnosis and management of patients with sarcoidosis. Dr. White created and currently leads the Sarcoidosis Clinic at the University of Michigan. He is also an expert in the diagnosis and management of patients with other interstitial lung diseases, such as IPF and connective tissue disease-associated ILD. Dr. White was recently appointed as the director of the Human Lung Biorepository as well as the director of Interstitial Lung Disease Research at the University of Michigan.

External Reviewers:

Reviewer A: “Dr. White’s bonhomie is particularly impressive given the magnitude of his scientific and academic accomplishments, and the highly favorable reputation that precedes him. In a relatively brief time span Dr. White has become one of the world’s leading and most forward-thinking experts on interstitial lung disease (ILD)...There are many other facets to his scholarship that also merit attention. I know from my discussions with numerous other investigators in the relatively small field of ILD research that Eric is universally respected, and regarded as a worthy and important thought leader....I believe that Dr. White is a truly outstanding physician-scientist, with a well-merited international reputation. He is a valued leader in our research field, and a credit to the University of Michigan.”

Reviewer B: “Idiopathic pulmonary fibrosis is an extremely relevant and clinically important area of research. Dr. White has made several seminal observations in relation to matrix biology in pulmonary fibrosis. As the field evolves his work is certain to remain central to the discipline. Furthermore, his studies of the extracellular matrix are relevant to many other areas of lung biology. Notwithstanding his achievements as a researcher he has also continued to excel both as a teacher and a clinician....Therefore he extols all of the virtues of the academic ‘triple threat’...Dr. White is an outstanding physician, teacher and scientist with a national and international reputation in the field of pulmonary fibrosis.”

Reviewer C: “I hope I have made clear...that Dr. White’s work has had a significant impact and is well known and cited. Dr. White remains highly regarded in the US and internationally, and is often invited to speak at key meetings in his field. As an example, Dr. White was invited last year to deliver both the Roger S. Mitchell Lecture at the Thomas Petty Aspen Lung Conference in Denver as well as a lecture on the Future of IPF Basic Science Research at the International Colloquium for Lung and Airway Fibrosis in Mont Tremblant, Canada. These, among other such prominent lectures, illustrate the importance Dr. White has in the field of extracellular matrix and lung fibrosis....He would certainly attain the rank of Full Professor at my own institution, and I believe this promotion is appropriate recognition of Dr. White’s many contributions to science.”

Reviewer D: “In terms of promotion to full Professor here at [my institution], there are several criteria for this important promotion. They include substantial research excellence, clinical and/or teaching, and service requirements. Eric meets or exceeds all of these high bench marks. He would certainly be promoted to full Professor here and is clearly an outstanding clinician scientist with an international reputation...Dr. White’s contributions to biomedical science fit perfectly with the mission of the University of Michigan and your Department...Eric is a star with many talents and this important promotion is a testament to his achievements thus far, with many more to come.”

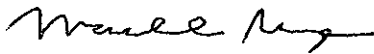
Reviewer E: “...he is without doubts on a trajectory toward increasing recognition in the international field and he’s becoming one of the truly global experts in this specific field. Of note, he has developed a quite unique approach to the interaction with the patient community, through the modern technologies of social media. Although this element of his activity cannot be

incorporated into a scientific evaluation, nonetheless this testifies his willingness to contribute to the advancement of the field and to promote the search for a cure for this deadly disease.”

Reviewer F: “In addition to his research accomplishments, Dr. White has provided impetus and motivation to the fields of lung scaffold biology and mechanotransduction through his numerous presentations at national and international conferences. He also provides leadership to the pulmonary community through his numerous scholarly review articles and frequent participation in workshops or ‘think tank’ type meetings about future directions in pulmonary research, many of which have been organized under the auspices of the NHLBI and American Thoracic Society....He is an outstanding investigator, clinician, educator and collaborator, whose research has led to substantial growth in [the] understanding of the mechanisms that contribute to the development and progression of pulmonary fibrosis.”

Summary of Recommendation:

Dr. White is an exceptional physician scientist who is recognized as an international expert and thought leader in his field. His excellent productivity, funding, and educational contributions provide strong support for his promotion. I am pleased to recommend Eric S. White, 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

May 2016