

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF OPHTHALMOLOGY AND VISUAL SCIENCES

Shahzad I. Mian, M.D., assistant professor of ophthalmology and visual sciences, Department of Ophthalmology and Visual Sciences, Medical School, is recommended for promotion to associate professor of ophthalmology and visual sciences, with tenure, Department of Ophthalmology and Visual Sciences, Medical School.

Academic Degrees:

M.D.	1996	Emory University
B.S.	1991	Emory University

Professional Record:

2004-present	Assistant Professor of Ophthalmology and Visual Sciences, University of Michigan
2002-2004	Lecturer, Department of Ophthalmology and Visual Sciences, University of Michigan

Summary of Evaluation:

Teaching: Dr. Mian trains residents and fellows in the subspecialty of cornea and external diseases and refractive surgery in the clinic and the operating rooms at the Kellogg Eye Center in Ann Arbor. He leads journal clubs (monthly), grand rounds, participates fully in didactic teaching situations and wet labs, and mentors medical students during their ophthalmology rotations. He has mentored undergraduates through UROP and Unite for Sight, as well as medical students each year since joining our faculty. In addition, Dr. Mian is the course director for the ophthalmology portion of the neuroscience curriculum for medical students. In 2003, the residents voted to give him the Bergstrom Teaching Award. He is also highly sought after as a faculty mentor for residents as they pursue their required research projects. He won the Adamis Prize for Outstanding Research in Ophthalmology and Visual Sciences in 2007. Dr. Mian was the cornea service's fellowship director from 2003 to 2004, at which time he was appointed Residency Program Director. He has used his considerable personal and intellectual talents to raise the level of an already well-respected program and to oversee the growth of the department from six residents in each of the three-year classes to seven residents in each class. Dr. Mian has become known around the country for his rigorous investigations into bettering ways to assess resident cataract surgical knowledge.

Research: Since he joined our faculty, Dr. Mian has continued to carry out both basic and clinical cornea research projects and is particularly interested in evaluating dry eyes after LASIK as well as in the presence of graft-versus-host-disease. He is now principal investigator on a pharmaceutical company-funded multicenter prospective randomized Phase II study of a drug for patients with dry eyes. In the near future, Dr. Mian will begin to conduct a prospective

randomized trial to evaluate dry eye disease in refractive surgery patients under a grant on which he is principal investigator. He is also co-investigator on an NEI grant that investigates the physiology and biomechanics of femtosecond laser posterior lamellar keratoplasty. During his day and a half of protected time, Dr. Mian is also pursuing research into the genetics of corneal dystrophies like Fuchs Dystrophy and has collaborated on trials that study other dystrophies: stromal and endothelial. In addition, he is in the process of developing a web-based database of all known corneal disorders and their genetic components.

Recent and Significant Publications:

Malta JB, Soong HK, Shtein RM, Banitt MR, Musch DC, Sugar A, Mian SI: Femtosecond laser-assisted keratoplasty: laboratory studies in eye bank eyes. *Current Eye Research* 34:19-25, 2009.

Mian SI, Shtein RM, Nelson A, Musch DC: Effect of hinge position on corneal sensation and dry eye after laser in situ keratomileusis using a femtosecond laser. *Journal of Cataract and Refractive Surgery* 33:1190-1194, 2007.

Mian SI, Soong HK, Patel SV, Ignacio T, Juhasz T: In vivo femtosecond laser-assisted posterior lamellar keratoplasty in rabbits. *Cornea* 25:1205-1209, 2006.

Soong HK, Mian SI, Abassi O, Juhasz T: Femtosecond laser-assisted posterior lamellar keratoplasty: initial studies of surgical technique in eye bank eyes. *Ophthalmology* 112:44-49, 2005.

Mian SI, Fahim K, Marcovitch A, Gada H, Musch DC, Sugar A: Nd:YAG capsulotomy rates after use of the AcrySof acrylic three-piece and one-piece intraocular lenses. *British Journal of Ophthalmology* 89: 1453-1457, 2005.

Service: Dr. Mian is a skilled clinician who was chosen to be the director of the Refractive Surgery Service within a year of his arrival in the Department. He is a highly respected and productive member of the faculty who sees patients in the Kellogg Eye Center's Ann Arbor location. He treats patients and teaches residents at the Ann Arbor Veterans Affairs Hospital. He is the director of the Residency Program and chairs one of the department's clinical recruitment committees. Regionally, he is the associate medical director of the Midwest Eye-Bank and Transplantation Center and a board member of the Michigan Society of Eye Physicians and Surgeons. Nationally, he served on the American Academy of Ophthalmology's self-assessment panel for cornea and external disease, and was also selected to be part of the Academy's prestigious Leadership Development Program. He performs more than 50 corneal transplants each year and is the first person in the Midwest to perform the Boston permanent keratoprosthesis as an alternative for patients who are not candidates for a corneal transplant.

External Review:

Reviewer A: "...his commitment to education and training the next generation of physicians appears sincere and unwavering...At a time when so many individuals are lured into private

practice for financial gain, I truly believe Dr. Mian is strongly committed to a career in academic medicine...”

Reviewer B: “...Dr. Mian’s service to his department, to his community, and to organized ophthalmology has been outstanding. Among many other responsibilities, he is Associate Medical Director of the Midwest Eye-Bank and Transplantation Center, Director of Refractive Surgery, and most importantly, Director of Residency Training...As Program Director, he has done a superlative job. The training program at the Kellogg Eye Center is one of the best in the nation, and rising...It is unusual of a surgeon and residency program director of Dr. Mian’s standard to also establish such a high quality research program, but he has managed it well...Dr. Mian is an outstanding clinician scientist [of his cohort], has an excellent and growing reputation as a clinician and surgeon, has provided outstanding service to his department and to ophthalmology on a national and international level, and has made substantial progress in basic investigation of a novel technological application of the femtosecond laser to traditional eye surgery. His promotion and appointment to tenure should be assured.”

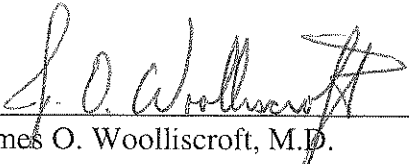
Reviewer C: “...it is important that those directors be rewarded for their role as educators, not just as subspecialists who happen to be in charge of a residency; Dr. Mian is certainly one of those people without whom the advances in the training and certification of ophthalmology residents over the past decade would simply not be possible...Sometimes the most impressive things about one’s peers are those that do not make it into a C.V. At my institution, we frequently interview medical students from Michigan who are applying for residency in ophthalmology, and in fact a number of our top residents have come from Michigan. In speaking with these students, I have been continually struck by their comments about Dr. Mian, specifically about his exceptional devotion to the students and residents. Michigan is very lucky to have someone of his caliber as residency program director.”

Reviewer D: “Dr. Mian is a nationally recognized leader in the areas of cornea and residency education. He has participated in seminal research on the use of the femtosecond laser to assist in posterior lamellar keratoplasty and full thickness corneal transplantation. This research has been sponsored by the National Eye Institute and has significantly impacted the field of corneal surgery...He is well known and respected among ophthalmology residency program directors, and he has earned the reputation of being an innovator in residency education...Dr. Mian has contributed significantly to the ophthalmic literature with multiple peer-reviewed publications in high impact journals, and he has authored several book chapters... Dr. Mian has demonstrated excellence in the areas of scholarly activity, teaching, clinical care, and service. He has been extremely productive in his academic career, and I am certain that he will continue to make important contributions to the field of ophthalmology in the future.”

Reviewer E: “...Dr. Mian’s laboratory studies of femtosecond laser therapeutic corneal application have led the field, and provided useful techniques and insight that will likely have important clinical application. In addition to his creative activities, Dr. Mian is recognized nationally as an extremely effective director of one of the most highly regarded ophthalmology residency training programs. He has now begun to study formally and systematically methods for the assessment of resident cataract surgical knowledge in an attempt to improve our methods for teaching this challenging surgical skill.”

Summary of Recommendation:

Dr. Shahzad Mian is a highly valued member of the Department of Ophthalmology and Visual Sciences who has made outstanding contributions in the areas of clinical research, basic research, education, and patient care. I strongly support his promotion to associate professor and granting him tenure.



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

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