

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF ORTHOPAEDIC SURGERY

Asheesh Bedi, M.D., assistant professor of orthopaedic surgery, Department of Orthopaedic Surgery, Medical School, is recommended for promotion to associate professor of orthopaedic surgery, with tenure, Department of Orthopaedic Surgery, Medical School.

Academic Degrees:

M.D.	2002	University of Michigan
B.A.	1998	Northwestern University

Professional Record:

2009-present Assistant Professor of Orthopaedic Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Bedi is an incredibly enthusiastic and gifted educator. He devotes his teaching time to students, residents and fellows. His outstanding mentorship is made evident by the abundance of responses received from these individuals including "...his advice and encouragement was critical in helping me define my career goals," "truly the best educator along my path to becoming an orthopedic surgeon," "...I knew I would walk away from that day with an increased fund of knowledge by just soaking in what he had to offer," "Dr. Bedi has been my best mentor throughout my training," and "Being around Dr. Bedi makes me want to become a better clinician and PA." In 2012, he was awarded the William S. Smith Teaching Award provided by the graduating orthopaedic residents and was named a Dean's Scholar Mentor by the University of Michigan Medical School. Recently, he joined the Next Accreditation System Implementation Committee to create a milestone-based learning program for sports medicine education and is working with colleagues across the country to create an innovative approach to teaching arthroscopy with virtual reality and arthroscopic simulation technology. Dr. Bedi continues to excel in his training approach to ensure the programs are challenging, thought-provoking and push our trainees to reach their highest potential.

Research: Dr. Bedi's primary areas of interest include augmentation of the healing response after tendon or tendon-to-bone repair, prevention of muscle atrophy and recovery after injury or surgery in athletes, and the definition of the natural history and kinematics of hip impingement in an effort to prevent the development of hip osteoarthritis. He has been successful in securing continuous funding for his research including grants from AOSSM (American Orthopaedic Society in Sports Medicine), ASES (American Shoulder Elbow Society) and the Coulter Foundation. Most recently, his collaborative work in tendon biology was recognized with funding from both the U.S. Army Military Medical Research and Development Agency and the NIH (R01). Dr. Bedi has authored 120 peer-reviewed publications; 97 since his appointment as assistant professor. In 2012, Dr. Bedi was recognized by Oxford University Press as having the highest worldwide impact on the orthopaedic surgery literature based on thirty of his peer-reviewed publications. The quality of his work is outstanding as reflected by the numerous awards received from specialty societies, including the Neer Award for Excellence in Basic Science Shoulder research from the American Shoulder Elbow Society (ASES) and the Cabaud, Herodicus, and Excellence in Research Awards from the American

Orthopaedic Society in Sports Medicine (AOSSM). Dr. Bedi has shown a capacity for continued growth as an innovative researcher and we are confident that he will continue to play a critical role in the department and the university.

Recent and Significant Publications:

Bedi A, Fox AJ, Harris PE, Deng XH, Ying L, Warren RF, Rodeo SA: Diabetes mellitus impairs tendon-bone healing after rotator cuff repair. *J Shoulder Elbow Surg* 19:978-988, 2010.

Bedi A, Kovacevic D, Fox A, Imhauser CW, Stasiak M, Packer J, Brophy RH, Deng X-H, Rodeo SA: Effect of early and delayed mechanical loading on tendon-to-bone healing after anterior cruciate ligament reconstruction. *Journal of Bone and Joint Surgery* 92:2387-2401, 2010.

Bedi A, Kelly NH, Baad M, Fox AJ, Brophy RH, Warren RF, Maher SA: Dynamic contact mechanics of the medial meniscus as a function of radial tear, repair, and partial meniscectomy. *J Bone Joint Surg Am* 92:1398-1408, 2010.

Bedi A, Fox AJ, Kovacevic D, Deng XH, Warren RF, Rodeo SA: Doxycycline-mediated inhibition of matrix metalloproteinases improves healing after rotator cuff repair. *Am J Sports Med* 38:308-317, 2010.

Bedi A, Musahl V, Steuber V, Kendoff D, Choi D, Allen AA, Pearle AD, Altchek DW: Transtibial versus anteromedial portal reaming in anterior cruciate ligament reconstruction: an anatomic and biomechanical evaluation of surgical technique. *Arthroscopy* 27:380-390+e41, 2011.

Service: Dr. Bedi is a highly driven individual who contributes his efforts to professional societies/organizations and service to his community at large. Within the department, he serves as the director of resident education for Sports Medicine rotations, is a member of the Resident Education Committee, is the associate fellowship director for the Sports Medicine Fellowship Program as well as the Sports Medicine Service Research coordinator. At the university level, he is an alternate member of the University of Michigan Faculty Senate. He is an active team physician for the University of Michigan and Eastern Michigan University athletic programs, and the head physician for the UM varsity hockey, wrestling, baseball, and women's soccer athletes. Regionally, Dr. Bedi is a member of the Board of the Michigan Orthopaedic Society (MOS). Nationally, he is active in the Arthroscopy Association of North America (AANA), American Orthopaedic Society for Sports Medicine (AOSSM), and American Academy of Orthopaedic Surgeons (AAOS) organizations as a member of their research, education, and self-assessment committees. He was elected into the elite national organization, American Society of Shoulder and Elbow Surgeons (ASES), consisting of only the top shoulder surgeons and researchers nationally, where membership is contingent on excellence in education and clinical activities. Dr. Bedi's international reputation has been most recently recognized with invitations to participate in the Japanese Orthopaedic Association held in May 2013 in Hiroshima, Japan and the Bernese Hip Symposium being held in Berne, Switzerland, February 2014. Dr. Bedi's reputation is substantial on both the national and international level and he continues to make a significant impact in his field equally in clinical and bench research.

External Reviewers:

Reviewer A: "I consider him to be a superstar in the field of sports medicine. Superstar is not an exaggeration or a term that I use lightly. He has the highest individual impact factor of cited research

in orthopaedic literature for surgeons and scientist worldwide in the year 2012.... Dr. Bedi is a leader among his peers....His research is often the first to provide evidence to support a significant shift in clinical practice.”

Reviewer B: “For someone at his relatively early stage in his career it is actually humbling to see how productive and impactful he has been. His scholarly and professional niche are easy to describe—he is simply in the top 1% of all applicants with whom I am asked to write promotion letters of recommendation each and every year.”

Reviewer C: “Asheesh is one of those rare individuals who is capable of relating the basic science foundation of orthopaedic surgery, as well as specific clinical pearls, to residents and medical students in a clear, coherent, organized, and useful manner....Asheesh is simply an outstanding academic orthopaedic surgeon from all standpoints. I can think of no other in his area of expertise who is more capable or holds more promise....He is a true leader and team player. I whole-heartedly support this promotion.”

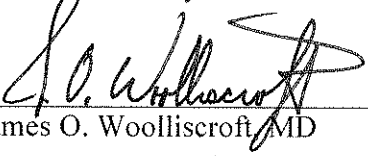
Reviewer D: “He has proven repeatedly, to be a valuable and reliable asset in his field.... Dr. Bedi has consistently demonstrated strength in leadership and teaching. He has presented on both national and international levels and his publications are well read, worldwide....Dr. Bedi possesses a very complex and extensive medical knowledge base and outstanding surgical skills. His competency levels in both are outstanding and irrefutable.”

Reviewer E: “Dr. Bedi’s scholarship has substantially advanced the field of musculoskeletal injury in the field of sports medicine....It is my opinion that his scholarship has impacted and advanced the field to a degree that is well beyond his experience and rank.”

Summary of Recommendation:

Dr. Bedi contributes significantly in the areas of clinical care and education and research. He has been incredibly productive and has made important contributions to the field of sports medicine and orthopaedic surgery at large. Dr. Bedi is extraordinarily bright, clinically and scientifically talented, creative and driven. I have no doubt that he will continue to be highly productive because of his commitment, motivation, and intellect. Therefore, I enthusiastically recommend Asheesh Bedi, M.D. for promotion to associate professor of orthopaedic surgery, with tenure, Department of Orthopaedic Surgery, Medical School.

Recommended by:



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

May 2014