



### Short Biography – Joshua J. Jacobs

Joshua J. Jacobs, M.D. received a Bachelor of Science degree in Materials Science and Engineering from Northwestern University and graduated from the University of Illinois Medical School. In 1987, Dr. Jacobs completed his orthopaedic training at the Combined Harvard Orthopaedic Residency Program in Boston. Dr. Jacobs then completed a one-year fellowship in Adult Reconstructive Orthopaedic Surgery at Rush University Medical Center under the direction of Dr. Jorge Galante.

Dr. Jacobs has remained at Rush since his fellowship training and currently is Professor and Chairman of the Department of Orthopaedic Surgery. At Rush University Medical Center he has also served as the Director of the Orthopaedic Surgery Residency Program for 14 years and as the Associate Dean for Research Development for five years. In addition, Dr. Jacobs is an Adjunct Professor of Materials Science and Engineering at Northwestern University. His major research focus is on the biocompatibility of permanent orthopaedic implants, particularly joint replacement devices. Dr. Jacobs has published numerous peer-reviewed manuscripts, most of which focus on the biological consequences of material degradation from joint replacement implants. Dr. Jacobs has received several research awards including a Career Development Award from the Orthopedic Research and Education Foundation, the Otto Aufranc Award from The Hip Society, the Ann Doner Vaughan Kappa Delta Award, American Academy of Orthopaedic Surgeons/Orthopaedic Research Society, and the Mark Coventry Award from the Knee Society.

Dr. Jacobs has served on the Special Grants Review Committee of National Institute of Arthritis, Musculoskeletal and Skin Diseases (NIAMS) and in 2005, he was appointed to the NIAMS Advisory Council recently completing his four-year term. In 2000, he was named Fellow, American Institute for Medical and Biological Engineering and elected to the International Hip Society. Dr. Jacobs is the Past Chairman of the Council on Research, Quality Assessment and Technology of the American Academy of Orthopaedic Surgeons and Past President of the Orthopaedic Research Society and the United States Bone and Joint Decade. He is currently the First Vice President of the American Academy of Orthopaedic Surgeons.