

## **Carlos J. Lavernia, M.D., F.A.A.O.S.**

Carlos J. Lavernia., MD, FAAOS, world-renowned orthopedic surgeon and biomedical engineer, is Medical Director of the Orthopaedic Institute at Mercy Hospital. He is also a voluntary clinical professor of Orthopedic Surgery at the University of Miami School of Medicine, and courtesy and adjunct professor in the Department of Physical Therapy, the Department of Mechanical and Materials Engineering, the Department of Biomedical Engineering at the College of Engineering and Computing at Florida International University. Since the establishment of the Orthopaedic Institute in 2003, Dr. Lavernia has improved the lives of patients and has made significant advancements in research.

Dr. Lavernia graduated from Tulane University in New Orleans with a BS in Mathematics and an MS in Biomedical Engineering. He received his medical degree from the University of Puerto Rico Medical School. He also completed a General Surgery Internship, a Surgeon Scientist NHI Fellowship and an Orthopedic Surgery Residency at the University of California San Diego. Subsequently, Dr. Lavernia completed a Lower Extremity Reconstruction Fellowship at Johns Hopkins School of Medicine. He is certified by the American Board of Orthopedic Surgery.

Throughout his distinguished career, Dr. Lavernia has developed hip and knee implants and has conducted numerous studies in the field of orthopedics. He has written many book chapters and has published over 300 abstracts and peer reviewed articles. These have been published in prestigious Journals, including Clinical Orthopedics and Related Research, The Journal of Arthroplasty, Journal of Bone and Joint Surgery and International Orthopedics. Dr. Lavernia has received numerous awards and recognitions. Dr. Lavernia has embarked on medical missions with Operation Walk, a private, non-profit, volunteer medical service organization, which provides free surgical treatment for patients in developing countries that have no access to life-improving care for arthritis or other debilitating bone and joint conditions. Through his humanitarian efforts, Dr. Lavernia has performed numerous joint replacements and other orthopedic surgeries, improving the lives of underprivileged patients in Latin America. He is a founding member of Operation Walk Haiti, a not-for-profit foundation based in Miami dedicated to the distribution of orthopedic supplies to hospitals in Port Au Prince Haiti.

For more information on Dr. Lavernia and the Orthopaedic Institute at Mercy Hospital, please call (305) 285-2929 or visit [www.mercymiami.org](http://www.mercymiami.org).