

Gary J. Miller, Ph.D.

Gary J. Miller is co-founder and Executive Vice President for Research and Development (Emeritus) of Exactech, Inc., Gainesville, Florida. Exactech was incorporated in 1985 and develops, manufactures and distributes orthopaedic implants. He retired from the company in 2020.

Gary received his Bachelor of Science Degree in Mechanical Engineering in 1970 from the University of Florida, a Masters in Mechanical Engineering (Biomechanics) from MIT in 1972 and a Ph.D. in Mechanical Engineering (Biomechanics and Biomaterials emphasis) in 1977 from the University of Florida -- Proudly a Double Gator!!

Post-graduation, he joined the faculty of the UF Department of Orthopaedics serving as a post-doctoral fellow, assistant and associate professor; and served as Director of Orthopaedic Research and Biomechanics until leaving in 1997 to concentrate fully on his duties at Exactech. Over the years he has served as an Adjunct Associate Professor in various departments of the Herbert Wertheim College of Engineering and the UF College of Veterinary Medicine (Orthopaedics) and now holds a Courtesy Professorship in the Department of Mechanical and Aerospace Engineering (MAE).

He is past Chairman of the HWCOE Dean's Advisory Board (2019-2020) and remains active on the DAB. He enjoys lecturing in biomechanics, mentoring and participating on the industrial advisory boards of UF MAE and UF BME. He is also a member of the Board of Directors of the CADE Museum (Gainesville, FL) and CueZen, Inc. (Seattle, WA).

Dr. Miller is a member of many professional organizations including being a founding member of the Society for Biomaterials, membership in the Orthopaedic Research Society, American Society for Testing and Materials, American Society of Mechanical Engineers and served as a consultant to various orthopaedic companies and the U.S. Food and Drug Administration.

Gary holds more than 20 patents in the US and abroad and published more than 65 articles and 100 abstracts in the areas of biomechanics and biomaterials. He has presented this work and lectured on biomechanics, implant and instrument design and biomaterials throughout the world.

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