

## Robert J. Marley, PhD, CPE

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### **Biographical Sketch**

Dr. Robert Marley currently serves as the Provost and Executive Vice Chancellor for Academic Affairs of the Missouri University of Science and Technology. In this role he is responsible for all academic units including all degree granting programs, graduate and undergraduate studies, research and sponsored programs, enrollment management, and other key programs and units. He is also a tenured Professor in the Department of Engineering Management and Systems Engineering.

Previously, Marley served Montana State University (MSU) as faculty in the Mechanical & Industrial Engineering Department in 1990. At MSU, he went on to hold positions as Associate Dean and then Dean of the College of Engineering, and later serving as MSU's Vice President of Student Success where he served as a key advisor to the President. Under Marley's leadership as Dean, MSU's engineering enrollment grew from about 1,850 students to over 3,100. Concurrently, faculty research productivity increased nearly 3-fold, helping establish MSU in the highest category of research university (RU/VH) by the Carnegie Foundation. Other notable faculty achievements during his deanship included six NSF CAREER Awards within an eight year period. Student achievement was also stellar with 2 Rhodes Scholarships, a Marshall Fellowship, a Gates-Cambridge Scholarship, and numerous Goldwater scholarships (MSU ranks 10<sup>th</sup> nationally in cumulative Goldwater awards). Both faculty and student diversity in the College increased significantly under Marley's leadership. As Vice President at MSU, Marley helped to align student affairs operations with a comprehensive strategic plan for the University in addition to creating a strategic enrollment management function to balance a rapidly growing enrollment with other institutional goals related to student success.

Marley is experienced at securing funding from Federal and State sources, including large-scale, interdisciplinary projects—approximately \$25 Million during his deanship at MSU. He is an experienced

fundraiser having developed private support for various initiatives (approximately \$30 Million) including the MSU College of Engineering's first six named positions. Marley was also instrumental in establishing the single largest private gift to Montana State University of \$50 Million. He was very active in MSU's expansion of its Innovation Campus, helping the MSU earn at the time a "top 10" ranking from *Business Week* magazine for innovative, university-based technology transfer.

Seeking to enhance his knowledge of broader issues in higher education, Marley was selected to participate in the prestigious ACE Fellows program in 2012-13. He conducted his Fellowship at Texas A&M University where, among many other activities, he studied models of relationships between research universities and other mission-diverse institutions.

Marley is an internationally recognized scholar and practitioner in the area of occupational ergonomics. He is author of over 90 publications with his research impacting the ergonomics, engineering and public safety related disciplines, and has several citations in key Federal compendiums in these areas. He is an award winning faculty mentor committed to integrating his teaching, research, and outreach. He has co-authored a widely-used textbook, including a Spanish language edition, that is used in a number of engineering schools and continuing education venues world-wide. Marley has also joined with other colleagues to expand the practice of ergonomics and public safety within developing economies, such as in Mexico and Central America, through extensive lectures and workshops.

He is a Fellow of the American Council on Education and has also been elected to national office in the American Society for Engineering Education, as well as to President of the International Society for Occupational Ergonomics and Safety. He is a Certified Professional Ergonomist (CPE), a member of several other professional organizations, and has consulted with major corporations nationally and internationally. Marley holds a BS in General Science as well as an MS and PhD in Industrial Engineering from Wichita State University.

Marley and his wife of 30 years, Margaret Maben, reside in Rolla, Missouri, where they enjoy many outdoor activities together. These include bicycling, hiking, rock climbing, fly-fishing and skiing (in Montana). Margaret holds degrees in graphic design as well as microbiology, and has previously worked in the biotechnology industry in Bozeman.