

James G. Hay Memorial Lecture



Doris I. Miller, Professor Emerita, University of Western Ontario, has been actively involved in sports biomechanics research throughout her career focusing upon computer simulation and modeling, lower extremity amputee running and competitive diving. Her assignment as diving coach at the University of Saskatchewan initially peaked her interest in biomechanics and led her to pursue a Ph.D. at Penn State in that specialty. Her doctoral dissertation (1970) involved a 3-D computer simulation and graphic display of dive flight. She has held faculty appointments at the universities of Toronto, Saskatchewan, Washington and Western Ontario. Dr. Miller was involved with USA Diving from 1983 to 2009, providing reports on competition performances, participating in coach education seminars and receiving the Paragon, United States Diving Service and Glenn McCormick Memorial awards. In addition to her publications in peer-reviewed journals, she has given invited presentations at national and international conferences. She has been editor of *Exercise and Sport Sciences Reviews*, editorial consultant for the *Journal of Biomechanics*, and on the editorial boards of the *Journal of Applied Biomechanics* and *Sports Biomechanics*. She is a Founding Member of ISB, ASB and CSB; a fellow of the American Academy of Kinesiology and Physical Education, ISBS (Dyson Lecturer), CSB (Career Award); Emeritus Member of ASB (6th president) and Honorary Member of ISB.