

PROFESSIONAL VITA

BARRY T. BATES

PRESIDENT

Human Performance & Wellness, Inc.
3265 Chambers Street, Suite 200
Eugene, Oregon 97405-6004
(541) 683-1935; (702) 450-4838

PROFESSOR EMERITUS

University of Oregon
Eugene, Oregon 97403-1240
e-mail: hpw@mail.com
www.hpwbiomechanics.com

EDUCATION

Princeton University; Princeton, NJ; 1960; B.S.E.
East Stroudsburg State College; East Stroudsburg, PA; 1970; M.Ed.
Indiana University; Bloomington, IN; 1973; Ph.D.

*Undergraduate Major Area: Engineering

*Graduate Major Area: Human Performance: Biomechanics/Kinesiology

*Graduate Minor Area: Motor Learning, Computer Science, Statistics and Design

PROFESSIONAL EXPERIENCE

2000- Adjunct Professor: University of Nevada-Las Vegas; Las Vegas, NV
1997- Professor Emeritus: University of Oregon; Eugene, OR
1996- President: Human Performance & Wellness, Inc.; Eugene, OR
1985-1996 Professor: University of Oregon; Director: Biomechanics Laboratory; Eugene, OR
1991-1996 Head: Dept. of Exercise and Movement Science; University of Oregon; Eugene, OR
1984- President: BioDynamics Foundation; Eugene, OR
1984-90 Vice President: Bio-Dynamics Corporation; Eugene, OR
1982-84 Founder, President: Bio-Dynamics Corporation; Senior Scientist; Eugene, OR
1979-85 Associate Professor: University of Oregon; Director: Biomechanics Lab; Eugene, OR
1974-79 Assistant Professor: University of Oregon; Director: Biomechanics Lab; Eugene, OR
1973-74 Assistant Professor: University of Massachusetts; Amherst, MA
1970-73 Graduate Student: Indiana University; Bloomington, IN
1968-70 Director of Athletics: Blair Academy; Blairstown, NJ
1964-70 Teacher of Mathematics: Blair Academy, Head Coach, Football; Blairstown, NJ
1963-64 Teacher of Mathematics: Randor High School, Assistant Coach; Wayne, PA
1960-63 Officer: U.S. Navy

PROFESSIONAL ORGANIZATIONS

American Academy of Kinesiology and Physical Education
American Alliance for Health, Physical Education, Recreation and Dance
American Board of Forensic Examiners
American College of Sports Medicine
American Society for Testing and Materials
American Society of Biomechanics
Human Factors and Ergonomics Society
International Society of Biomechanics
International Society for Biomechanics in Sports
Society of Automotive Engineers

SELECTED HONORS AND PROFESSIONAL RECOGNITION

Visiting Professor, Swiss Federal Institute of Technology, Zurich, Switzerland, September, 1979.
Member, American College of Sports Medicine Committee on International Relations Delegation to the Soviet Union, Moscow, U.S.S.R., October, 1979.
Invited Lecturer, Division of Sports Medicine, American Academy of Orthopedic Surgeons, "Biomechanics of Running: New Concepts", San Francisco, CA, 1979.
Invited Lecturer, American Orthopedic Foot Society, Inc., Twelfth Annual Meeting, Biomechanics of the Foot and Shoe Selection", New Orleans, LA, 1982.
Keynote Address, International Symposium of Biomechanics Aspects of Sports Protective Equipment, "Testing and Evaluation of Running Shoes", Waterloo, Ontario, Canada, 1983.
Recipient, Runner's World "Sportsmedicine All-Star Team", One of 25 international sports medicine experts named by peers for "contributions to the physical and emotional health of elite athletes and recreational runners, and to rapidly advancing sports medicine and knowledge", 1984.
Invited Participant, NASA Glove Workshop, Sponsor: NASA Tech. Applications Team, Houston, TX, 1985.
Elected Member, American Academy of Kinesiology and Physical Education, 1986.
Visiting Professor, Beijing Institute of Physical Education, Beijing, People's Republic of China, July, 1988.
Lifetime Member, President's Associates, University of Oregon, 1992.
Keynote Speaker, International Society of Biomechanics in Sports, "Individual Accommodation Strategies to Running and Landing Impact Forces", Amherst, MA, 1993.
Invited Lecturer, Biomechanics Academy Symposium, "Lower Extremity Function: Injury and Performance Factors", Portland, OR, 1995.
Invited Speaker, International Conference on Women, "Lower Extremity Function During Running and Landing" and "Landing Models: Evaluation of Elite Volleyball Players", Alexandria, Egypt, 1995.
Invited Speaker, American College of Sports Medicine, "Biomechanics of Running", Cincinnati, OH, 1996.
Invited Speaker, American College of Sports Medicine, "The Value of the Individual in the Research Paradigm: Single Subject Methodology", Cincinnati, OH, 1996.
Invited Speaker, Eighth National Measurement and Evaluation Symposium, "Experimental and Statistical Design Issues in Human Movement Research", Corvallis, OR, 1996.
Selected as member of ASICS International Sport Science and Sports Medicine Forum, 1996.
Certified, Fellow of the American Board of Forensic Examiners, 1997.
Recipient, *Ruth B. Glassow Award*, Contributions in Applied Biomechanics, Biomechanics Academy, 1999.
Keynote Speaker, Australasian Podiatry Conference, Methven, New Zealand, 1999.
Invited Participant, Oregon State Bar Convention, "Using Expert Witnesses to Win", Seaside, OR, 1999.
Scholar Lecturer, Texas Tech Univ, "The *Hows* and *Whys* of Lower Extremity Injury", Lubbock, TX, 2001.
Scholar Lecturer, University of Nevada Las Vegas, "Individual Accommodation to Running Injury", Las Vegas, NV, 2002.
Hall of Fame Inductee, Muhlenberg High School, Reading, PA, 2002.

RESEARCH, PUBLICATIONS, PRESENTATIONS

Actively involved in research in the areas of human performance (biomechanics and human factors) for 25 years, resulting in more than 120 academic publications and 200 presentations.

Developed the Biomechanics Laboratory and co-developed the Biomechanics/Sports Medicine Laboratory. Organized an interdisciplinary research team and was primary administrator for laboratory grants in excess of one million dollars. For a comprehensive listing, please see <http://darkwing.uoregon.edu/~btbates/vita.htm>