

author biographies

Peter B. Raven

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Peter B. Raven was born and raised in London, England, and was certified as a physical education teacher from St. Luke's College, University of Exeter in 1965. In 1959, at the age of 19, he was selected to play for the first team of the London Saracens, a first-class Rugby Union club side. However, after graduating from St. Luke's as an honor student in 1965, he emigrated to the United States and entered the University of Oregon in Eugene, Oregon, to pursue the study of the Scientific Basis of Physical Education. He received his Ph.D. in 1969 and was awarded an NIH Post-Doctoral Training Fellowship in Exercise Physiology under the Mentorship of Steven M. Horvath, Ph.D., at the Institute of Environmental Stress at the University of California at Santa Barbara (UCSB). Between 1969 and 1975, Dr. Raven was promoted through the academic ranks to associate professor. In his tenure at UCSB, he received some \$1 million in research funding and published 30 peer-reviewed articles as first author and coauthor on environmental effects of heat, cold, and air pollution on exercise performance.

From 1975 to 1977, Dr. Raven moved to Dallas to work with Michael Pollock at the Institute of Aerobic Research and develop a program of environmental physiology. Subsequently, he joined the fledgling medical school, the Texas College of Osteopathic Medicine (TCOM)/1993-UNTHSC as an associate professor of physiology. He was promoted to professor in 1986 and served as the chair of the Department of Integrative Physiology from 1993 to 2001. Currently, he is professor of integrative physiology and orthopedics. From 1965 through 1995, he continued to play and coach rugby for the University of Oregon, UCSB, and the Dallas and Fort Worth rugby football clubs. Since 1977, Dr. Raven has worked with and mentored 18 M.S., 17 Ph.D. graduate students, and 10 post-doctoral fellows and was continuously funded by the NIH from 1983 to 2007 and again in 2011, as well as being periodically funded by NASA, AHA, and DoD. He has served as a "Viva Voce" examiner for the faculty of medicine at Kuwait University, an external examiner

of three Ph.D. degrees, two in Australia and one in Canada, and an external examiner of the awarding of three D.Sc. degrees in the United Kingdom. During his career, he has served as a visiting professor/consultant to the Division of Cardiology's Space Physiology Laboratory at UT Southwestern, the Institute of Exercise and Environmental Medicine at Presbyterian Hospital/UT Southwestern, and the Veteran's Administration Hospital in Dallas. He has a visiting professorship at the University of Copenhagen's Danish Academy of Science and the Copenhagen Muscle Research Center. His professional collaborations extend across the United States and internationally between Canada, Australia, Japan, the United Kingdom, Denmark, Italy, and the Netherlands.

In 1971, Dr. Raven joined the American Physiological Society and the American College of Sports Medicine as his two major professional societies. In addition to these, he is currently a member of the American Heart Association, the American Autonomic Society, and the Physiological Society. In 1987, he was elected to be president of the American College of Sports Medicine (ACSM), and from 1989 to 2001 served as the editor-in-chief of ACSM's official *Journal Medicine and Science in Sports and Exercise*. Currently, he serves on the editorial boards of the *Journal of Applied Physiology and Experimental Physiology* and has served on the board of the *American Journal of Physiology-Heart, Circulation, and Physiology*. Dr. Raven has served on study section reviews of NIH and DoD grant applications and currently reviews annual applications for ACSM's Steven M. Horvath Travel award and the University of Oregon Foundation's Eugene Evonuk Memorial Graduate Fellowship awards.

In 1989, Dr. Raven was the ACSM representative to the President's Council on Physical Fitness Exchange visit to Moscow and Leningrad (St. Petersburg) to the then-named USSR. He was awarded the ACSM Citation Award in 1995, the Korr Award for Basic Science Research in the American Osteopathic Association (AOA) in 2001, and the Benjamin L. Cohen Outstanding Research Award of the AOA in 2006. In 2011, he was awarded the American Physiological Society's Exercise and Environmental Section's Honor Award.