

Lt. Col. Michael F. Zupan  
U.S. Air Force Academy, Director of Human  
Performance Laboratory

Dr. Michael F. Zupan is currently a professor at the United States Air Force Academy and Director of the Human Performance Laboratory. In his current role, he provides scientific expertise through research and exercise science principals.

An aerospace and exercise physiologist with more than 27 years of expertise in research and training at the high school, collegiate and professional levels, his areas of expertise include sports vision performance, cardiovascular physiology, exercise and diet, temperature regulation, hypoxia, hyperbaric medicine, spatial disorientation, sensory physiology, stress, and acceleration. He has also been involved with many research projects dealing with sports vision, moderate altitude acclimatization, body composition, and cross-country skiing techniques.

Additionally, he has taught numerous human physiology classes including exercise physiology at the undergraduate and graduate level, aerospace physiology, human physiology, medical physiology, biology and space exploration, biochemistry of exercise, and SCUBA. He is proficient in the measurement of athletic visual performance, maximal oxygen uptake, anaerobic power, body composition, and pulmonary function testing.

