The University of Texas at Arlington
The Department of Exercise, Sport, and Health Studies

presents

10th Semi-Annual Lecture of the

Texas American College of Sports Medicine

With

Benjamin D. Levine, M.D.
UT Southwestern Medical Center

LECTURE:
“Human Performance Physiology: At the Top of the World and Above”

Wednesday, November 6, 1991 – 12:00 Noon
Activities Building A-1 Classy Theatre

PREVIOUS UTA ACSM LECTURERS

Spring, 1987 Russell R. Pate, Ph.D. University of South Carolina “Physiologic Determinants of Endurance Performance”

Fall, 1987 Eddie F. Coyle, Ph. D. The University of Texas at Austin, “Adaptations to Endurance Training Maintained During Periods of Physical Inactivity”

Spring, 1988 Brian J. Whipp, Ph.D., Harbor-UCLA Medical Center “Coupling of Ventilation to Metabolism During Exercise”

Fall, 1988 George A. Ordway, Ph.D., The University of Texas Southwestern Medical School, “Adaptation of the Peripheral Vasculature as a Function of Exercise Training”

Spring, 1989 Charlotte A. Tate, Ph.D., Baylor College of Medicine “Adaptation of the Heart to Exercise During Old Age”

Fall, 1989 Robert B. Armstrong, Ph.D., University of Georgia “Mechanisms Underlying Exercise-Induced Muscle injury”

Spring, 1990 William J. Gonyea, Ph.D., The University of Texas Southwestern Medical School “Skeletal Muscle Adaptation to Heavy Resistance Training”

Fall, 1990 Victor A. Convertino, Ph.D., NASA, Kennedy Space Center “Considerations for Use of Exercise as Countermeasures for Space Adaptation”

Spring, 1991 Steven N. Blair, P.E.D., Institute for Aerobics Research “Physical Activity, Physical Fitness, and the Public’s Health”
Dr. Benjamin Levine

Dr. Benjamin Levine has been associated with the University of Texas Southwestern Medical Center in Dallas since January of 1990. Dr. Levine's responsibilities include Director of the Institute for Exercise and Environmental Medicine at Presbyterian/UT Southwestern, Assistant Professor of Medicine at UT SWMC, attending physician, Coronary Care Unit, Parkland Memorial Hospital, Director, Cardiovascular Health and Risk Modification Program, UT SWMC and Medical Director in Cardiac Rehabilitation at Parkland Hospital. Dr. Levine has a Bachelor of Arts in Biology from Brown University and a Medical Doctors degree from Harvard Medical School.

Dr. Levine's professional activities include serving as the Boston Marathon Medical Officer, staff physician in the Himalayan Rescue Association in Pheriche, Nepal, visiting scientist at the Denali Research Project at Mt. McKinley, Alaska, and the Colorado Altitude Research Institute. Additionally, he has served as a clinical instructor in medicine at Stanford, received a Luce Scholarship as a Research Fellow in Environmental and Adaptation Physiology at Shinshu University in Japan and a guest lecturer in cardiology and High Altitude Physiology at the Qinghai High Altitude Research Institute in the People's Republic of China.

Dr. Levine has published 16 articles in refereed journals and had 22 refereed abstracts published from scientific conferences. Additionally he has received four grants for research primarily in the area of altitude physiology. Finally, Dr. Levine was the attending cardiologist for Dr. Drew Gaffney of UT SWMC, who was a recent traveler on the May 1991 Space Shuttle.

There will be a brief question and answer period at the end of the presentation. Please give Dr. Levine your attention until the end of the question and answer session. Thank You!