

## CURRICULUM VITAE

**Eugene A. Bernstein, Ph.D., Lic. Ac.**

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Associate Teaching Professor  
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### Education:

- 1966-1971 M.S. in Biophysics. Alma-Ata State University, Moscow State University. Department of Biology (Russia)
- 1974 Ph.D. in Physiology. Ivanovo Medical Institute (Russia)
- 1996-1999 M.Ac. (Acupuncture), Licensed Acupuncturist. New England School of Acupuncture, Watertown, MA

### Teaching experience:

- 2016-Present Associate Teaching Professor: Physiology, Anatomy, Physics of Anesthesia, Pharmacology, Alternative Medicine, and Cellular Physiology
- 1994 - 2016 Full-Time Lecturer: Physiology, Anatomy, Physics of Anesthesia, Advanced Cardiopulmonary Physiology, Pharmacology, Alternative Medicine, and Cellular Physiology
- 1988-2012 Adjunct Assistant Professor: Pathophysiology. Massachusetts College of Pharmacy and Allied Health Science, Boston, MA

### Typical course load:

<b>Fall:</b>	Course Credit	Course Fraction
Human Physiology I	3	100
Human Anatomy Laboratory	1	100
Human Physiology (Graduate)	2	70
Alternative Medicine	4	100
<b>Spring:</b>		
Human Physiology II	3	100
Physiology Laboratory-Seminar	1	100
Physics of Anesthesia (Graduate)	4	100
Cellular Physiology (Graduate)	2	100
<b>Summer:</b>		
Pharmacology (Graduate)	5	10
Alternative Medicine (On-line)	4	100

**Research experience:**

- 2007-2009      Consultant: Gwathmey Inc. Cambridge, MA. Developed Langendorff model to study the comparative effects of pharmacological agents upon the isolated myocardium. Provided training, established protocols, and directed studies of novel agents during both normoxia and ischemia.
- 1999-2009      Northeastern University. Developed Langendorff isolated heart model to study the effects of Chinese herbal preparations upon myocardium during ischemia and reperfusion. Provided training and established protocols to study the effects of drugs delivered with liposomes.
- 1990-1995      Postdoctoral Research Fellow. Boston University School of Medicine, Cardiac Muscle Research Laboratory. Developed Langendorff model to study the effects of beta-adrenergic agonists and calcium channel blockers in non-infarcted area of myocardium.
- 1989-1990      Postdoctoral Research Associate. New England Medical Center, Department of Surgery. Conducted studies with the isolated heart-lung model.
- 1987-1989      Boston: Research Assistant. Beth Israel Hospital. Pulmonary Department. Physiology and pharmacology of bronchospasm.
- 1979-1987      Moscow: Independent analytical work in biology. Prepared critical reviews in physiology of circulation, respiration, and microcirculation.
- 1977-1979      Moscow: Staff Scientist. Sklifosovsky Research Institute of Emergency Medicine. Department of Pathophysiology. Microcirculation research.
- 1975-1977      Moscow: Staff Scientist. Moscow Scientific Clinical Institute. Department of Surgery. Investigation of regional pulmonary ventilation-perfusion abnormalities in cardiac patients.
- 1972-1975      Moscow: Research Assistant. Scientific Institute of Biosynthesis.

**Membership:**

International Society of Heart Research (ISHR)  
National Certification Commission for Acupuncture and Oriental Medicine (NCCAOM)