

# 1 Awards



1977 Robert W. Mann  
 1978 Y.C. Fung  
 1979 Robert F. Rushmer  
 1980 F. Gaynor Evans  
 1981 Max Anlikar  
 1982 R.M. Kenedi  
 1983 Henning E. von Gierke  
 1984 Perry L. Blackshear  
 1985 Richard Skalak  
 1986 Albert H. Burstein  
 1987 Van C. Mow  
 1988 Alf Louis Nachemson  
 1989 Robert M. Nerem  
 1990 Albert B. Schultz  
 1991 Savio Lau-Yuen Woo  
 1992 John C. Chato  
 1993 Don P. Giddens  
 1994 Sheldon Weinbaum  
 1995 Robert E. Mates  
 1996 Albert I. King  
 1997 Ajit P. Yoganathan  
 1998 Malcolm H. Pope  
 1999 Stephen C. Cowin  
 2000 Morton H. Friedman  
 2001 W. Michael Lai  
 2002 Kenneth R. Diller  
 2003 Vijay K. Goel  
 2004 John M. Tarbell  
 2005 Steven A. Goldstein  
 2006 Peter A. Torzilli  
 2007 Maury L. Hull  
 2008 Noshir A. Langrana  
 2009 Thomas P. Andriacchi  
 2010 Roger D. Kamm  
 2011 Jay D. Humphrey  
 2012 David Butler  
 2013 Mehmet Toner  
 2014 Kyriacos A. Athanasiou  
 2015 James A. Ashton-Miller  
 2016 Roger C. Haut  
 2017 Gerard A. Ateshian  
 2018 Louis J. Soslowsky  
 2019 Jennifer S. Wayne  
 2020 Larry A. Taber  
 2021 C. Ross Ethier  
 2022 Lori Setton  
 2023 Boris Rubinsky

## H.R. Lissner Medal

The H.R. Lissner Medal recognizes outstanding achievements in the field of bioengineering. These achievements may be in the form of (1) significant research contributions in bioengineering; (2) development of new methods of measuring in bioengineering; (3) design of new equipment and instrumentation in bioengineering; (4) educational impact in the training of bioengineers; and/or (5) service to the bioengineering community, in general, and to the Bioengineering Division of ASME, in particular. The Bioengineering Division of ASME established the H. R. Lissner Award as a divisional award in 1977. It was upgraded to a society award in 1987, made possible by a donation from Wayne State University and is named in honor of Professor H. R. Lissner of Wayne State University for his pioneering work in biomechanics that began in 1939.

## 2023 Boris Rubinsky, Ph.D.

Prof. Rubinsky Boris received his BSc and MSc from the Technion in Israel and the Ph.D. from MIT. In 1980 he joined the Mechanical Engineering Department at UC Berkeley and later the UC Berkeley Bioengineering Department, of which he was one of the founders. At UC Berkeley he was the Chancellor's Professor and the Silverman Distinguished Professor of Bioengineering till 2008 and is now a Professor of the Graduate School. From 2007 to 2009, he took a leave of absence, to found the Department of Bioengineering and the Center for Bioengineering in the Service of Humanity and Society at the Hebrew University that brought together Israeli and Palestinian students. PhD graduates from that program are now Professors at top Israeli and Palestinian Universities. Rubinsky's research spans numerous areas, from plasma arc welding in space to Weierstrass-Mandelbrot modeling of turbulence. He contributed to various fields of bioengineering, pioneering several leading medical technologies, which he led from pioneering the concept to developing the clinical practice and commercialization. Noteworthy are the technology of imaging monitored cryosurgery which is now the clinical standard of the field, the technology of non-thermal irreversible, which is now clinical and at the forefront of minimally invasive surgery, the technology of non-invasive electromagnetic detection of internal bleeding which is in clinical trials, MEMS technology for single cell analysis which is now ubiquitous and many others.

