1 Awards



1977 Robert W. Mann

1978 Y.C. Fung 1979 Robert F. Rushmer 1980 F. Gaynor Evans 1981 Max Anliker 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

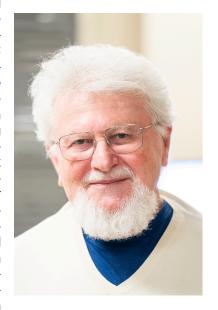
2023 Boris Rubinsky

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.