

## BIOGRAPHICAL SKETCH OF KENNETH R. DILLER

PRESENT ADDRESS Department of Biomedical Engineering; ENS 612  
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BORN: November 20, 1942 CITIZENSHIP: U.S.A.

EDUCATION BME (cum laude), 1966, Mechanical Engineering, Ohio State University  
M.Sc., 1967, Mechanical Engineering, Ohio State University  
Sc.D., 1972, Mechanical Engineering, Massachusetts Institute of Technology  
Registered Professional Engineer, Texas Lic. No. 51519

### PROFESSIONAL EXPERIENCE

The University of Texas at Austin, 1973 - present.

Chairman, Department of Biomedical Engineering, 2001-present.

Director, Biomedical Engineering Program, 1996-2001 and Center for Biological and Medical Engineering, 1998-

Chairman, Department of Mechanical Engineering, 1990-1996.

Professor, Biomedical Engineering and Mechanical Engineering, 1984-present.

Assistant Professor, 1973-1979; Associate Professor, 1979-1984.

William J. Murray Fellow, 1985-1990; Harry L. Kent Jr. Professor, 1990- 95; Joe J. King Professor, 1995-2003

Robert M. and Prudie Leibrock Endowed Professor in Engineering, 2003-present.

Professor of Physiology and Biophysics, The University of Texas Medical Branch at Galveston, 1998-present.

Adjunct Professor of Biomedical Engineering, The University of Texas Southwestern Medical Center at Dallas, 1992-present.

Adjunct Professor of Biological Sciences, Center for Cryobiological Research, SUNY Binghamton, 1988-92.

N.I.H. Senior International Fellow, MRC Medical Cryobiology Unit, Dept. of Surgery, Cambridge Univ., UK, 1989-90.

Alexander von Humboldt Fellow, Fraunhofer Institut, The University of Stuttgart, West Germany, 1983-84.

N.I.H. Postdoctoral Research Fellow and Research Associate, Massachusetts Institute of Technology, 1972-1973.

### HONORS

Sigma Xi, Pi Tau Sigma, Tau Beta Pi academic honor societies; Ohio State University President's Scholarship Medal (1966)

UT Dad's Association University Teaching Award (1992); UT Joe J. King Engineering Achievement Award (2003)

Alexander von Humboldt Fellow (FRG) (1983-1984); *Science Digest* Top 100 Scientific Innovators in US (1985)

National Institutes of Health - John E. Fogarty Senior International Fellow and Visiting Fellow of Clare Hall College,  
Cambridge University (1989-1990); Ohio State University Outstanding Mechanical Engineering Graduate (1992)

American Society of Mechanical Engineers - *Fellow* (1990); Heat Transfer Division *Memorial Award* (1994); ASME  
*Distinguished Lecturer* (1998-2001); H.R. Lissner Medal in Bioengineering (2002)

American Association for the Advancement of Science - *Fellow* (2002)

American Institute of Medical and Biological Engineering - *Fellow* (1995)

Advisory Professor, East China University of Technology, Shanghai (1995)

### PROFESSIONAL SOCIETIES, ACTIVITIES

*Society for Cryobiology*: Treasurer (1974-76); Vice-President (1992-93); President (1994-95); Board of Governors (1996-97).

*ASME*: Heat & Mass Transfer in Biotech. Comm. Chair (1985-88); Lissner Award Comm. (1989-94), Chair (1991-94);

Bioengineering Division - Honors Comm. (1988-), Chair (1991-94); Executive Comm. (1995-2000), Chair (1998-99).

*International Institute for Refrigeration*: C-1 Comm. on Low Temperature Biology: Chair for North America (1991-98),  
International Vice President (1992-98, 2000-).

*AAAS*, Section M Nominating Committee (2003-)

*American Institute of Medical and Biological Engineers*, Chair, College of Fellows (2004-2005)

### JOURNAL EDITORIAL BOARDS

*Cryo-Letters*, (1979-1994); *Cryobiology*, (1980-2000); *International Journal of Transport Phenomena*, (1997-); *Journal of  
Cell Preservation Technology*, (2002-)

*ASME Transactions, Journal of Biomechanical Engineering*, Associate Editor (1988-1995); Editor (1997-2002)

*Annual Review of Biomedical Engineering*; Associate Editor (1997-)

*ASME Press Book Series on Biomechanical Engineering*; Editor (2001-)