

Richard O. Buckius
Vice President for Research
Professor of Mechanical Engineering
Purdue University



Dr. Buckius joined Purdue University on September 16, 2008, as Vice President for Research and Professor of Mechanical Engineering. Previously, he was a faculty member at the University of Illinois at Urbana-Champaign. He was Head of the Department of Mechanical and Industrial Engineering at Illinois (1998-2005). In addition, he served as Associate Head (1985-87), the Richard W. Kritzer Professor (1992-97), and the Associate Vice Chancellor for Research (1988-91) at Illinois.

Dr. Buckius served as the National Science Foundation's (NSF) Assistant Director for Engineering (2006-08), Acting Assistant Director for Engineering (2005-06), Director for the Engineering Directorate's Division of Chemical and Transport Systems (2004-05), and Program Director of the Thermal Systems and Engineering Program (1987-88).

Buckius is author/co-author of over 100 publications, books and invited talks and articles. He co-authored a textbook titled Fundamentals of Engineering Thermodynamics (Mc-Graw-Hill). Published in English, Spanish and international versions (1987), and the expanded second edition versions followed in 1992. He is a member of the editorial boards of Nanoscale and Microscale Thermophysical Engineering, Heat Transfer Research, and Heat Transfer-Asian Research. He was Associate Technical Editor for the Journal of Heat Transfer (1992-98).

A Fellow of American Society of Mechanical Engineers (ASME), Buckius has served as the Technical Group Leader of Basic Engineering; he previously served as Vice President (2004-05) and was a member of the Basic Engineering Technical Operating Board (1999-2001). For the Division of Heat Transfer, he was on the Executive Committee (1988-96) and served as Chair (1995-96); and was a member of the Energy Systems Committee (1982-2000).

Among his honors include ASME's Richards Memorial Award (2007), ASME's Potter Gold Medal (2006), ASEE's Ralph Coats Roe Award (2003), Western Electric Fund Award (1981) and Dow Outstanding Young Faculty award from the Illinois-Indiana Section (1978); and numerous UIUC teaching awards, ranging from the Stanley H. Pierce Faculty Award from the College of Engineering (1979) and Campus Award for Excellence in Undergraduate Teaching (1980) to six Alumni Teaching awards, the most recent from the department of mechanical and industrial engineering in 2000.

Buckius received his bachelor's and master's degrees and his PhD in mechanical engineering at the University of California, Berkeley, in 1972, 1973 and 1975, respectively.