

Michael D. Devine, PhD
Biographical Sketch

Mike Devine is the Entrepreneur in Residence and Professor in the FAMU-FSU College of Engineering. He reports to the Dean of Engineering and works collegially with administrators, faculty and students in Engineering and across both the FSU and FAMU campuses to promote a culture of entrepreneurship that will enhance engineering students' education and their career options.

From 2000-2012, he was Executive Director and Board Member of the non-profit MDS Research Foundation and its affiliate, the SynCure Cancer Research Foundation in Tallahassee, FL. MDS established and financed a startup cancer drug development company, Taxolog. Both foundations were established in 1998 by Dr. Robert Holton, Professor of Chemistry at FSU and inventor of the method used to make the cancer drug Taxol. In this position, Devine was responsible for all operational aspects of the two organizations, including strategic planning, fund raising, and development of the educational and research programs supported by the two non-profit organizations. From 2009-2012, he also served as Executive Director of FL CURED a statewide center housed in the FSU College of Medicine whose purpose was to promote biomedical research across Florida. At FSU, he has taught a class in *Technology Entrepreneurship and Commercialization* first in 1994 and numerous times since 2009.

Immediately prior to these positions, he was Vice Chancellor for Research at The University of Tennessee, Knoxville (UTK) from 1995-2000. He also held a tenured faculty appointment in Industrial Engineering. As the chief research officer of UTK, his responsibilities included: serving as an advocate for research on the Chancellor's staff; overseeing the administration of contract and grant activity; developing policies and programs to promote and assist the research mission; representing UTK research programs to various external constituencies; overseeing research compliance activities (human subjects, radiation safety, animal care and use, etc.); leading the development of new research initiatives; overseeing several interdisciplinary research centers and institutes. During this time, he also served on the Boards of the Tennessee Center for Research and Development (including as Board Chairman), Oak Ridge Associated Universities, the Southeastern Universities Research Association, and the University of Tennessee Research Corporation.

Dr. Devine has a B.S. in Physics (1966) and a Ph.D. in Mechanical Engineering (1969), specializing in Operations Research, both from the University of Texas at Austin. He also attended Texas A&M University on a football scholarship from 1962-1965. He joined the University of Oklahoma in 1969 as an Assistant Professor of Industrial Engineering (IE). He taught numerous courses in IE and Computer Science, advised MS and Ph.D. students, served on numerous university and external committees, and published journal articles and books. In addition, he conducted research supported by 21 grants and contracts from the National Science Foundation, the Environmental Protection Agency, the Electric Power Research Institute, the Department of Energy, the Office of Technology Assessment, and others. During his eighteen years at OU much of his research activity was devoted to energy systems and environmental policy research in the Science and Public Policy Program (S&PP), where he had a joint appointment from 1971-1987. He was appointed Director of S&PP in 1978.

In 1987, Devine became Associate Vice President for Research at Florida State University (FSU), with a tenured faculty appointment in the Department of Information and Management Sciences (College of Business), and in the Department of Industrial Engineering. His responsibilities encompassed most areas of research administration, administering a faculty committee that provided policy advice and oversaw an internal grants program of about \$800,000 per year; managing a staff that provided research support services, such as a grants opportunities newsletter and a research magazine *Research-In-Review*; promoting increased university/industry collaboration; and, representing FSU on several local, state, regional, and national councils/committees. One of Dr. Devine's most significant accomplishments at

FSU was the development of an active and successful technology transfer program. Based on license agreements negotiated by Dr. Devine, FSU's royalties exceeded \$350 million, mostly from the Taxol process invented by Professor Holton that was licensed to Bristol-Myers Squibb.

From 1987-1996, Dr. Devine was also the Director of the WISE Program (**W**ashington **I**nternships for **S**tudents of **E**ngineering), a national 10-week summer program sponsored by eight professional engineering societies to educate undergraduate engineering students from across the country in technology and public policy.