

## DISTINGUISHED INDUSTRIAL SCIENTIST AWARD: 2000

RONALD NUTT, PHD

*Computer Technology and Imaging, Knoxville, Tennessee*

KENNETH W. TOBIN, PHD

*Oak Ridge National Laboratory, Oak Ridge, Tennessee*

Dr. Ronald Nutt of Computer Technology and Imaging (CTI) of Knoxville, and Dr. Kenneth W. Tobin of the United States Department of Energy's Oak Ridge National Laboratory have been honored with the 2000 Tennessee Academy of Science Distinguished Industrial Scientist of the Year Award. This award is given to individuals who have shown significant leadership in research and development in industry in Tennessee. The award honors those whose work has shown an impact on the ability of Tennessee companies to compete and thrive in the industrial marketplace. Traditionally there is one award recipient annually, but this year the strong qualifications of both Dr. Nutt and Dr. Tobin mandated that both be honored. Both men were recognized and awarded a plaque during the Tennessee Academy of Science annual meeting.

Dr. Ronald Nutt currently is Senior Vice President and Technical Director of CTI of Knoxville. Among Dr. Nutt's accomplishments are: inventing timing electronic circuits that advanced nuclear research capabilities, co-founding CTI (which is the leader in Positron Emission Tomography for medical research and clinical diagnostics), inventing of the microchip that reduced the size, weight and cost of pet control collars, and co-founding Technology for Energy Corporation which provides unique products for the power industry of the United States. Dr. Nutt received his PhD in Electrical Engineering from The University of Tennessee in Knoxville.

Dr. Kenneth Tobin is the leader of the Image Science and Machine Vision (ISMV) Group at the United States Department of Energy's Oak Ridge National Laboratory. Dr. Tobin has made



Left to right: Dr. Ronald Nutt, Glenn Perdue—State of Tennessee, Dr. Kenneth Tobin, and Mr. Ted S. Lundy—Tennessee Academy of Science.

significant contributions to the field of semiconductor metrology and to the development of a nationally important research and development program at the Oak Ridge National Laboratory in semiconductor yield management. The semiconductor industry is worth over \$150 billion dollars annually, and Dr. Tobin has been a force in the creation of several patented and patent-pending technologies that have been licensed by 21 manufacturers such as Hewlett-Packard and IBM.