

Da Hsuan Feng, Ph.D.
Vice President for Research and Graduate Education and
Professor of Physics
The University of Texas at Dallas



After completing his elementary and secondary education in the Republic of Singapore, Dr. Feng received his undergraduate education from Drew University in New Jersey and doctorate in Theoretical Physics from the University of Minnesota. Prior to joining the Physics Department of Drexel University in 1976, where he eventually became the M. Russell Wehr Chair Professor of Physics, he was a United Kingdom Science Research Council fellow at the Department of Theoretical Physics of the University of Manchester (1972-74) and a Senior Scientist at the Center for Nuclear Studies of the University of Texas at Austin (1974-76). During his tenure at Drexel University, he served for two years as Program Director of Theoretical Physics at the National Science Foundation (1983-85) and visiting Professor of the Niels Bohr Institute of the University of Copenhagen (1979-80).

In 1997-1998, Feng served as technical advisor to Congressman Curt Weldon, currently Vice Chair of the House Armed Services and senior member of the House Science Committee, regarding South Africa, Central Europe, (especially Hungary) and China. He was a member of the Congressional Delegation to East Asia (January and March of 1997) and Central Europe in December of 1999.

From April of 1998 until December of 2000, he was on-leave-of-absence from Drexel University to serve as the Vice President and HUBS (Hospitals, Universities, Businesses and Schools) General Manager of Science Applications International Corporation (SAIC), a multinational, \$6.1 billion and 41,000 employees Fortune 500 high technology company.

From 1998-2000, Feng worked on the HUBS project. The HUBS project was inspired by the political leadership of the “Four States” (Delaware, New Jersey, Maryland and Pennsylvania) and is designed to be the catalyst and the integration of information systems in that region. From FY98 to FY03, the project received over \$60 million of federal funding.

On December 9, 2000, Feng resigned from both Drexel University and SAIC to assume the position of Vice President for Research and Graduate Education and Professor of Physics at the University of Texas at Dallas.

Feng’s objective at the University of Texas at Dallas, as designated by the President and the Provost, is to rapidly build the research breadth and depth of the University. As the first VP for Research and Graduate Education, Feng devised the following mission statement for his position:

“The Office of the Vice President for Research and Graduate Education of the University of Texas at Dallas (UTD) identifies areas of intellectual importance, promotes the university as an economic and innovation engine as well as further activates UTD’s development as a world class university. In addition, the office promotes the university’s “knowledge” products and collaborates synergistically with local, regional, national and international corporations and governments to enhance the global vision and impact of science and technology.”

The goal is to drive the University to be a major international research University. To that end, he has articulated three concentrations of excellence for UTD in this decade: digital communications, advanced materials and

instrumentations and last but not least, disease centric post genomic research.

Feng is responsible for successfully recruiting and securing the funds for the James Von Ehr Distinguished Chair in Science and Technology for Dr. Alan MacDiarmid, the 2000 Nobel Laureate in Chemistry. He also painstakingly recruited the nanotechnology research team of Honeywell Corporation in New Jersey. This team is now the backbone of UTD's rapidly growing nanoscience program. In addition, Feng also initiated a SPRING (Strategic Partnership of Research in NanotechnoloGy) project, which linked together, besides UTD, Rice University, the University of Texas at Austin, the University of Texas at Arlington. For FY03, Feng worked closely with the Congressional delegation of Texas to secure \$6 Million in SPRING funding. He also founded the Medical Device Action Group, a regional effort to promote interdisciplinary research in this technological arena.

Feng is an expert in mathematical physics, nuclear physics, nuclear astrophysics, quantum optics, fundamental issues of quantum mechanics, network architecture and computational physics. He has been a consultant to the theoretical physics groups of Los Alamos National Laboratory, Oak Ridge National Laboratory, Brookhaven National Laboratory and United Kingdom's Daresbury Laboratory.

Feng has published more than 190 scientific papers, edited more than 20 books, and served as editor of four scientific journals. In recognition of his contribution to the field of physics, Feng received the accolade "Fellow of the American Physical Society". Each year, no more than one-half of one percent of the current membership of the Society are recognized by their peers for election to the status of Fellow. He also is the Honorary Professor/Senior Research Fellow of six universities/academy of sciences in China and the honorary member of the Board of Trustees of one of China's top universities, Nanjing University.

Feng's other professional affiliations include:

- Past-President of Monte Jade Science and Technology Association of Mid-Atlantic States, a rapidly growing chapter of a national organization of Chinese Americans entrepreneurs, with over 300 multinational corporation as members

- Business Board Chairman of D'Trends Inc, a leading Bioinformatics company in San Ramon, California
- Special advisor to the Editor-in-chief of Korean American Science and Technology Network (which is read by 15,000 Koreans globally)
- Member of the Industrial Advisory Board of the Interactive Multimedia Intelligent Tutoring Center of Temple University
- Former member of the Computer Science/Engineering Technical Evaluation Advisory Task Force of the Provost and President of the University of South Carolina
- Former member of the United States Department of Education (2000) Field Initiated Studies Technology Panel
- Special advisor to the Greater Philadelphia Association of Chinese Computer Professionals, a fast growing association of this community in the region
- Past Vice Chairman of the Board of CyberFone Inc
- Board member of the Texas Nanotechnology Initiative
- Vice Chairman of the Board of the Alan G. MacDiarmid Institute of Jilin University,
- Advisor for the National Engineer Week Asian American Award Banquet (Feb 23rd, 2002, Dallas)
- Honorary Advisor of the Chinese Institute of Engineers/USA-DFW and Association of Chinese Professionals (DFW)
- Honorary/Guest professor of Jilin University, Fudan University, Lanzhou University, Southwest Jiaotong University, Nanjing University
- Honorary Research Fellow of the Institute of Nuclear Research (Shanghai)

- External Advisory Board of the Chinese Institute of Engineers/USA-GNYC
- Technical Advisory Board, Taiwan Nanotechnology Initiative
- Serve as the university coordination co-chair for the Space and Missile Defense Command Technology Center in Huntsville, Alabama.
- Science Advisor to New Economy Strategies
- Member of the International Advisory Committee of International Conference on Advanced Materials for Technologies 2003
- Member of the International Organizing Committee of the International Conference on Physics Education & Frontier Research 4th OCPA Joint Meeting of Chinese Physicists World-Wide
- 2003 Member of the University of Texas Chancellor's Higher Education Act Working Group
- Coordinator of the "Ad Hoc Southern United States Action Committee to Assist Chinese People to Fight Against SARS"

Recent awards include:

- Distinguished Friend of Chung Yuan Christian University (Taiwan)
- 1999 Millennium Award for Vision and Leadership in Technology, TechFEST '99 in Allentown, Pennsylvania
- 1999 Delaware Valley (Pennsylvania) Technical Recruiting Network TECHIE Award
- 2000 Institute Service Award of the Chinese Institute of Engineers - USA (CIE-USA)
- 2000 Distinguished Alumni Award from his alma mater Drew University of Madison, New Jersey

- 2001 Science and Technology Award of the Greater Dallas Asian American Chamber of Commerce
- 2002 DFWTechbiz twelve persons to watch list
- 2002 Life Time Achievement Award from the Association of Chinese American Professionals
- Recipient of the 2003 Inside Collin County (Texas) Business 21 for the 21st Century award
- Honorary member of the Board of Trustees of Nanjing University
- Dallas Section of IEEE 2003 Chairman Award for “outstanding promotion of engineering awareness and research.”