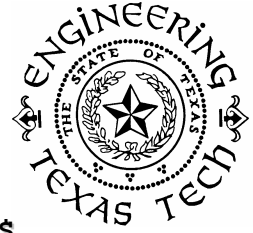


Texas Tech University



Engineering Dean's Council

Dean of the College of Engineering

Murdough Center for Engineering Professionalism

And the

National Institute for Engineering Ethics

Invite you to attend

Engineering Ethics Day-2001

Combined with the

14th Annual Murdough Symposium

Frazier Alumni Pavilion

Across from the Football Stadium, Texas Tech University

Thursday, October 4, 2001, 1:30 - 5:00 PM

Reception and Refreshments at 5:00 PM

Speakers

Jimmy Williams, P.E.

Vice President - Engineering
Utility Engineering
Amarillo, Texas

Carl Skooglund

Former VP and Ethics Director
Texas Instruments, Inc.
Dallas, Texas

Margaret Walker, Business Director
Contract Manufacturing Services
The Dow Chemical Company
Midland, Michigan

Steven Nichols, Ph.D., J.D., P.E.
Director, C.W. Murchison, Sr.
Chair of Free Enterprise
University of Texas at Austin

Texas Tech University
College of Engineering
Dean's Council



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for Speaker Bios



Steven Nichols, Ph.D., J.D., P.E.

Steven P. Nichols is Director, C. W. Murchison, Sr. Chair of Free Enterprise, The University of Texas at Austin. He has made numerous scholarly and professional contributions to engineering, Mechanical Engineering design labs, and to engineering ethics.

His research interests include topics in professional responsibility, engineering design and manufacturing, as well as internal combustion engines.

As Associate Chair for Alumni and Industrial Affairs he has raised more than \$7 million in industrial support for educational activities. As Director of the Design Projects Program, Nichols teaches the department's capstone design course and supervises approximately 200 students each year in approximately 60 industrial sponsored projects. He emphasizes design methodology and has introduced material on engineering ethics, and engineering professionalism.

Steve has coordinated an interdisciplinary (collaborative) design experience among students and faculty in Department of ME, EE, and Computer Engineering, he has organized an interdisciplinary capstone design experience between the ChE and ME, and he developed a cross-disciplinary course in entrepreneurship in cooperation with the College of Natural Sciences, the School of Business and IC².

His most recent honors and awards include: Keeton Fellow, School of Law, University of Texas at Austin: U.S. Delegate to the Intl. Conf. on Engineering Ethics, Taipei, Taiwan: Elected Member, New York Academy of Sciences: Elected Fellow, American Society of Mechanical Engineer: Dean's Fellow, College of Engineering: Outstanding Scientist of the 20th Century, International Biography Center, Cambridge, England and Recipient, Certificate of Recognition for Technical Innovation (patent pending), NASA.

Carl Skooglund

Carl M. Skooglund is the former Vice President and Ethics Director for Texas Instruments. In 1987 he established the TI Ethics Office, a position that he held until his retirement in 1998. The TI Ethics Office has worldwide responsibility for communicating corporate values and for oversight in the area of business conduct. The office also has the responsibility for ongoing ethics communication and education, including feedback networks through which individuals can resolve questions and issues.

Mr. Skooglund is a graduate of the Pennsylvania State University with a degree in Metallurgy. He joined TI in 1965 and held several positions including materials research and manufacturing, integrated circuit department management, and materials division management.

Prior to his appointment as TI Ethics Director he was Vice President in charge of Quality, Procurement and Training & Development for the TI Worldwide Semiconductor Group.

Carl has held several positions with professional organizations. He has served as Chair of the Working Group for the Defense Industry Initiative on Business Ethics and Conduct, and until his retirement he served as Chairman of the Board of the Ethics Officer Association. He was a member of the board of the National Institute for Engineering Ethics and currently is a board member of the Texans Credit Union having previously served as the chairman of that board.

Mr. Skooglund is active in the King of Glory Lutheran Church in Dallas. He chairs its Church in Society Committee, which is responsible for benevolence outreach efforts.

Carl lives in the Dallas area with his wife Sandy. They have three children and three grandchildren.

Margaret "Maggie" Walker

Margaret Walker received her Bachelor of Science degree in Chemical Engineering from Texas Tech University in 1974. She has held several positions with Dow in the operations field, first with extensive experience in process development and scale-up, plant modernization, process improvement projects and Human Resources where she valuable gained experience in training and compensation activities.

She is currently the Director for Dow Global Process Automation, Work Process, and Learning for Manufacturing Engineering of The Dow Chemical Company. In this role she is responsible for direction and leadership for process automation, creating a learning organization, driving empowerment through ISB (Implementing the Strategic Blueprint), helping to facilitate the product work processes, and providing a coaching role in areas of staffing.

Immediately prior to her current position, Margaret was Global Business Director for the Contract Manufacturing Services for Dow. From 1984 to 1992, Ms. Walker was a plant superintendent for two different Freeport-based plants: hydroxyalkyl acrylate and Epoxy II. Before leaving her assignment at Epoxy II, Walker gained additional responsibility for Epoxy distribution, business services, and maintenance. In 1992, Walker moved to Midland, Michigan, where she was supply chain manager for chlor-alkali and chlorine derivatives before becoming Director of Materials Management for Performance Products. Walker was Director of Materials Management for Dow's Performance Products group from 93 to 95.

In 1996, Margaret was named a Distinguished Engineer from Texas Tech University. Margaret was also recognized in 1997 as a recipient of The Dow Chemical Company Genesis Award.

Jimmy Williams, P.E.

Jimmy D. Williams, P.E., is Vice President and General Manager - Amarillo Operations for Utility Engineering. He received his BS in Mechanical Engineering at Texas Tech University in 1972 and has subsequently taken graduate continuing education courses in various areas of engineering and management.

Mr. Williams has extensive experience in the fields of instrumentation and control, process design, and applications of computers and technology. His work has also involved system check-out and start-up, project coordination, and management, both in the corporate office and at the project job site. Mr. Williams' experience includes the development of system control philosophies, process and instrumentation strategies, plant arrangements, equipment specifications and cost estimations, and engineered system installation drawings.

Licensed as a Professional Engineer in nine states plus Alberta, Canada, Mr. Williams has a broad range of responsibilities including the operation of the Amarillo design engineering office for Utility Engineering. He is intimately involved in project coordination, personnel management, engineering/drafting department coordination, company standards development, company quality control procedures and management, marketing support, and project technical management review.

Jim has been active and held several offices in the American Society of Mechanical Engineers, and the National Society and Texas Society of Professional Engineers where he has been honored as Young Engineer of the Year and Engineer of the Year in the Panhandle Chapter of TSPE. He has served as chair of the TTU Mechanical Engineering Industrial Advisory Committee, is a member of the Academy of Mechanical Engineers - TTU, and in 2000 he was honored as Distinguished Engineer - Texas Tech University.