# Gary Pope tabbed for chemical EOR award

University of Texas Prof. Gary A. Pope has been named the recipient of Oil Chem Technologies LLP's 2010 award for outstanding contribution to chemical enhanced oil recovery.

Dr. Gary A. Pope

The award will be presented during the IOR 2010 awards luncheon on Monday, April 26, 2010, in Tulsa, at the Renaissance Hotel and Convention Center.

Oil Chem bestowed the inaugural chemical EOR award upon Malcolm J. Pitts, president of Surtek Inc., at IOR 2008 in April 2008.

The award is given to an individual whom his or her peers believe has made an outstanding contribution to field application of innovative technology in the field of chemical EOR. Qualified individuals will have been directly involved in the development of a chemical surfactant or a surfactant-related process that had been implemented successfully in the field in the 3 years preceding IOR 2010.

## Pope credentials

Pope is the director of the Center for Petroleum and Geosystems Engineering at the University of Texas at Austin.

He holds the Texaco Centennial Chair in Petroleum Engineering, where he has taught since 1977. Previously, he worked in production research at Shell Development Co. for five years.

Pope earned a PhD from Rice University and a BS from Oklahoma State University, both in chemical engineering. His teaching and research are in the areas of enhanced oil recovery, reservoir engineering, natural gas engineering, reservoir simulation, characterization of reservoirs and aquifers with tracers, surfactants and water-soluble polymers, phase behavior and fluid properties, and groundwater modeling and remediation. He has authored or coauthored more than 210 technical papers on EOR-related topics.

Pope's work at Shell addressed the behavior of polymers and surfactants in porous media related to surfactant phase behavior and other key phenomena in chemical EOR processes. This, and subsequent work, led to the well-known reservoir simulator UTCHEM, as well as many key fundamentals for optimizing chemical EOR. Work in the 1980s brought about the first measurements of three-phase microemulsion relative permeability. Further work resulted in the first paper on three-phase $CO_2$ relative permeability.

Pope is an SPE Distinguished Member and recipient of the SPE Reservoir Description and Dynamics Award, Distinguished Achievement for Petroleum Engineering Faculty Award, John Franklin Carll Award, and Anthony F. Lucas Gold Medal. He also received the Oklahoma State University Melvin R. Lohmann Medal for fundamental technical developments and leadership in the profession.

Pope was elected to the National Academy of Engineering in 1999 for his contributions to understanding multiphase flow and transport in porous media and applications of these principles to improved oil recovery and aquifer remediation.