he also served as chairman of the nuclear engineering department from 1964–69. He has been a consulting professor of engineering at Stanford University since 1973.

From 1969–77, Mark was director of the NASA–Ames Research Center in Moffett Field, California, which provided NASA with supporting research in fundamental aerodynamics, life sciences, airborne science and applications and other fields. He was a member of the President's Advisory Group on Science and Technology in 1975–76, and served as Undersecretary of the US Air Force from 1977 until 1979, when President Carter named him Secretary of the Air Force. In 1981, President Reagan appointed him as Deputy Administrator of NASA, from which post he has now resigned to assume his new duties at the University of Texas.

Mark succeeds E. Don Walker, who had headed the UT system since 1978; Walker resigned the post to accept a position as the executive director of the Hermann Hospital Estate in Houston.

Gravity Research Foundation announces winning essayists

The Gravity Research Foundation has announced the winners of its 1984 awards for essays on gravitation. Lawrence M. Krauss of Harvard University was awarded $1500 for his paper *Dark Matter and Inflation*, in which he demonstrates that dark matter consisting of stable weakly interacting particles is incompatible with the minimal predictions of inflation, based on present observation of galaxy clustering and assuming galaxies are good tracers of mass in the universe. The second award, $500, went to Leonard Parker and David J. Toms, both of the University of Wisconsin–Milwaukee, for their joint paper "Gravity and grand unified theories." Clifford M. Will of Washington University, St. Louis, was awarded $200 for "A new class of ideal clocks." John F. Donoghue, Barry R. Holstein and R. W. Robinett, all of the University of Massachusetts, received $150 for "The principle of equivalence at finite temperature." And T. Padmanabhan received $100 for "Planck length is the lower bound to all physical length scales."

Gregory Aminoff Medal to David Harker

The Swedish Royal Academy of Sciences has awarded the Gregory Aminoff Medal in Gold to David Harker in recognition of his fundamental contributions to the development of methods