

1987

Dr. Dale L. Critchlow

Class of 1953



An IBM Fellow and a leader in computer technology, Dr. Dale Critchlow spent two years as an assistant professor at Carnegie Institute of Technology before joining the research laboratory of International Business Machines in 1958 in Yorktown Heights, N.Y., where he spent 23 years. During this time he also worked 14 months in a research facility on the French Riviera. He transferred to the IBM site in Essex Junction, Vt., in 1981.

In his 35 years with IBM, Critchlow helped to create the technological advances in integrated circuits that are at the heart of the computer industry. He was instrumental in generating IBM's mass-produced memory chips able to hold up to 256 million bits of information. As an IBM Fellow, Critchlow earned the company's highest honor for sustained technical achievement. To be selected for the award, the employee must have a wide reputation through publishing papers, holding patents, and having

important contacts within the computer industry.

After retiring from IBM in 1993, he was an adjunct professor at the University of Vermont for 13 years and consulted for several Silicon Valley companies.

In addition, Critchlow is a Fellow of the Institute of Electrical and Electronic Engineers, an elected member of the National Academy of Engineering and a founding member of the Vermont Academy of Science and Engineering.

Additional degrees: M.S. and Ph.D., Carnegie Institute of Technology