

Andrew S. Schultz, Jr.

August 14, 1913 — March 13, 1998

Andrew Schultz, the Spencer T. Olin Professor of Engineering, Emeritus, died on March 13, 1998 at his home in Ponte Vedra, Florida. He was 86. He is survived by his wife, Mary; his children, Susan and Andrew III (Toby); and by hundreds of Cornell Engineering alumni for whom Andy made a tremendous difference.

Andy was the ultimate Cornellian. There cannot be many individuals who have experienced Cornell as completely as he did. He entered as a freshman, stayed for graduate work, progressed through each faculty rank, served as department chairman, and served as the Joseph Silbert Dean of the College of Engineering during a critical period of change for the college. Nor are there many that can match the impact Andy had upon his college, his university, and his students. Andy had a unique combination of the vision to foresee trends and needs, and the ability to lead his colleagues and his students in promising directions.

Andy was one of the founders of the academic discipline of Operations Research. His experience at the War Production Board during World War II led him to foresee the need for quantitative analysis in logistics. He returned to the Cornell faculty and began a campaign that led to the separation of industrial engineering from mechanical engineering and the development of a world-renown Department of Industrial Engineering and Operations Research. Andy's doctoral students during this era became the missionaries and pioneers of this new discipline around the country, and many have been recognized by election to the National Academy of Engineering. Few of these had planned on an academic career before they ran into Andy.

Perhaps even more important for Cornell was his leadership in the explosive field of computer science. Andy was a member of the committee that brought the first computer to Cornell in 1953. He was instrumental in creating the first course in computing at Cornell in 1956. In 1964, as Dean of Engineering, he sponsored the creation of one of the first university departments of computer science. Cornell's inter-college Department of Computer Science became one of the best in the world. Andy was also a leader in creating the Department of Materials Science and Engineering, which became a stellar department in that vital field. He also played a significant role in moving the Department of Geology into the College of Engineering and expanding its scope. In addition to his contributions to his department and his college, he was very active in University Faculty committees and professional societies.

For a man whose career was spent in academia, Andy had an uncanny appreciation of the problems and opportunities of the "real world". He somehow imparted to generations of students some fraction of his unique

ability to identify the critical problem in a noisy, complex system. This has helped them become remarkably successful in many different fields. On his retirement, they expressed their gratitude by endowing a professorship in his name. Fittingly, the first appointment to the Schultz Chair was one of Andy's own students.

Richard W. Conway, Dale R. Corson, William L. Maxwell