

BIOGRAPHICAL SKETCH

DONALD P. GREENBERG

Jacob Gould Schurman Professor of Computer Graphics
Director, Program of Computer Graphics
Cornell University, Ithaca, NY

Founding Director, National Science and Technology Center for
Computer Graphics and Scientific Visualization

Professor, Architecture, Art, Computer Science, and Johnson
Graduate School of Management

Member, Fields of Civil Engineering and History of Science & Technology

Board of Directors, Interactive Data Corporation, and Chyron

Intel Technical Advisory Board

Awards

1987 ACM SIGGRAPH Steven A. Coons Award for Outstanding
Creative Contributions to Computer Graphics

1989 NCGA Academic Award for (highest educational award given
by the National Computer Graphics Association)

1991 Member, National Academy of Engineering

1992 Founding Fellow, American Institute of Medical and Biological
Engineering

1994 Fellow, ACM

1997 ASCA Creative Research Award in Architecture

1999 Honorary Doctoral Degree New Jersey Institute of Technology

2002 Fellow, American Association for the Advancement of Science

Experience

Since 1966, Dr. Greenberg has been researching and teaching in the field of computer graphics. During the last 15 years, he has been primarily concerned with research advancing the state-of-the-art in computer graphics and with utilizing these techniques as they may be applied to a variety of disciplines. His specialties include real time realistic image generation, geometric modeling and color science. He presently teaches the computer graphics courses in Computer Science, computer-aided design in Architecture, computer animation in Art, and technology strategy in the Business School.

Working with the General Electric Visual Simulation Laboratory, he produced a sophisticated computer graphics movie, "Cornell in Perspective" as early as 1971. He is the author of hundreds of articles on computer graphics (including two published in Scientific American, May 1974 and February, 1991, both of which have

been highly publicized); and he has lectured extensively on the uses of computer graphics techniques in research applications.

He was the founding Director of the National Science Foundation Science and Technology Center for Computer Graphics and Scientific Visualization. He has been the Director of the Program of Computer Graphics for thirty-two years and was the originator and former Director of the Computer Aided Design Instructional Facility at Cornell University.

Dr. Greenberg joined the Faculty of Cornell in 1968, with a joint appointment in the Departments of Architecture and Structural Engineering. His prior education consisted of both the architecture and engineering disciplines at Cornell University and Columbia University. From 1960 to 1965, he served as a consulting engineer with Severud Associates, and was involved with the design of numerous building projects including the St. Louis Arch, New York State Theater of the Dance at Lincoln Center, and Madison Square Garden. He has taught courses in structural analysis and design, architectural design, shell structures, reinforced concrete, and computer applications in architecture.

Of his two hundred plus graduate students, many have gone on to become leaders in the fields of computer graphics, computer animation, and computer-aided design for architecture. In addition to many faculty, five former students have won Hollywood's Technical "Oscars", and five have won the prestigious Siggraph Achievement Award.