

Ralph E. Gomory is a Research Professor at the Stern School of Business of New York University (NYU) and President Emeritus of the Alfred P. Sloan Foundation.

Dr. Gomory received his B.A. from Williams College in 1950, studied at Cambridge University and received his Ph.D. in mathematics from Princeton University in 1954. He served in the U.S. Navy from 1954 to 1957.

After his service in the Navy, Dr. Gomory became Higgins Lecturer and Assistant Professor at Princeton University. At Princeton he invented the first integer-programming algorithm. Gomory joined the newly formed Research Division of IBM in 1959, was named IBM Fellow in 1964 and became IBM Director of Research with line responsibility for the Research Division in 1970. Under his leadership the Research Division made major contributions to the computer industry, such as the invention of the Relational database, and in addition won two Nobel Prizes. Dr. Gomory was named an IBM Vice President in 1973 and IBM Senior Vice President in 1985. In 1986 he became IBM Senior Vice President for Science and Technology.

In 1989 he retired from IBM and became President of the Alfred P. Sloan Foundation. Under his leadership the foundation was a major pioneer in on-line education and also supported significant scientific efforts such as the Sloan Sky Survey and the Census of Marine life. In December 2007 he became President Emeritus, and joined New York University as a Research Professor.

Dr. Gomory has been awarded eight honorary degrees and many prizes. He won the Lanchester Prize of the Operations Research Society in 1963 and the John von Neumann Theory Prize in 1984. In 1988 he was awarded the National Medal of Science by President Reagan. He has also received the IEEE Engineering Leadership Recognition Award, the Arthur M. Bueche Award of the National Academy of Engineering, the Heinz Award for Technology, the Economy and Employment, the Madison Medal of Princeton University, and the Sheffield Fellowship Award of the Yale University Faculty of Engineering. He is a member of the International Federation of Operational Research Societies' Hall of Fame.

Dr. Gomory has been a director of a number of Fortune 500 companies including the Washington Post Company and the Bank of New York (now Bank of New York-Mellon). He was named one of America's ten best directors by Director's Alert magazine in 2000.

Dr. Gomory has served in many capacities in academic and governmental organizations. He is a member of both the National Academy of Science and the National Academy of Engineering and was elected to the Councils of both societies. He has been a Trustee of Princeton University. He served on the President's Council of Advisors on Science and Technology (PCAST) from 1984 to 1992, and again from 2001 to 2009. He served for a number of terms on the National Academies' Committee on Science, Engineering and Public Policy (COSEPUP) and is presently a member of the National Academies Board on Science Technology and Economic Policy (STEP).

Currently Dr. Gomory does research on industrial competitiveness, technological change, and on economic models of international trade. He is the author of a 2001 MIT Press book (with William J. Baumol) "Global Trade and Conflicting National Interests".