

CLAY THOMAS WHITEHEAD

February 1967

57 Gray Cliff Road, Newton Centre, Mass. 02159
Phone 617-244-1528

Age 28; married, no children

S.B., M.I.T., 1960, electrical engineering (4.3/5.0)
S.M., M.I.T., 1961, electrical engineering (4.5/5.0)
E.E., M.I.T., 1962, electrical engineering (4.5/5.0)
Communications, system engineering, operations research
N.S.F. Graduate Fellow 1960 - 1962
Eta Kappa Nu, Tau Beta Pi, Sigma Xi

Ph.D. in management expected 9/67 from M.I.T. (4.7/5.0)
Management decision-making and systems analysis; operations research;
economics; R&D management.

Thesis: the uses and limitations of systems analysis in the
Department of Defense.

Major professional interest: the theory and application of improved
decision processes for top management decisions that combine technological
change, quantitative analyses, and management judgements.

Professional Experience

Bell Telephone Laboratories, Murray Hill, N.J.
About ten months between 1958 and 1960 under the MIT cooperative program.
Experimental design development of pulse and analog electronic equipment.

The RAND Corporation, Santa Monica, California
Summer 1961: Examined the operational potential of advanced undersea
detection techniques; mathematical economic study of the impact of
alternative inspection rules on the stability of arms control agreements.
Summer 1962: Participated in a systems analysis study of the NATO air
defense system. Feb - Nov 1963: Spacecraft system studies; participation
in the recommendation to NASA of a preferred in-space checkout concept for
the Apollo spacecraft. Since Nov 1963: Part-time research on new
techniques for decisions on spacecraft reliability augmentation.

U.S. Army, Edgewood Arsenal, Maryland
Apr 1964 - Sep 1965: 1st Lt., Army chemical and biological headquarters
operations research group. Performed systems analyses of field army
chemical alarm systems. Technical monitor of a systems analysis study
of strategic biological detection systems and a study of civil defense
applications.

Bureau of the Budget, Washington, D.C.
Summer 1966: Co-authored suggested analytic framework for allocating
IRS enforcement resources. Developed an improved analytic framework for
decisions about Federal support of graduate students.

Teaching experience: undergraduate courses in signal analysis and in electronics.
graduate course in mathematical models in the social sciences.

Jan 13 - 1:00 p.m.

Eva -

The underlined portions of the following were transmitted by phone to LTC Sexton, Deputy J-6, CINCAL this date. 1/14/70

CTB

CLAY THOMAS WHITEHEAD

Clay T. Whitehead was born on November 13, 1938, in Neodesha, Kansas, and graduated from Cherokee County Community High School in Columbus, Kansas. He received his B.S. and M.S. degrees in electrical engineering from the Massachusetts Institute of Technology, majoring in systems engineering. He later received his Ph.D. in management, also from M. I. T., with concentration on policy analysis and economics. While at M. I. T., he taught courses in electronics and political science and was elected to the engineering and science honorary societies of Tau Beta Pi, Sigma Xi, and Eta Kappa Nu.

Mr. Whitehead served in the U.S. Army for two years, attaining the rank of Captain, where he worked on Army chemical defenses and the threat to the U.S. from biological warfare.

Mr. Whitehead was at the Bell Telephone Laboratories for about a year, during his undergraduate studies as a part of the M. I. T. - Bell Laboratories cooperative program. Prior to obtaining his doctorate, he was a consultant at the Rand Corporation, where he worked on studies and arms control, air defense, and the space program. After completing his Ph.D., he joined Rand full-time to plan and organize a policy research program on health services and other domestic policy areas. He has also served as a consultant to the Bureau of the Budget.

Following the election in 1968, Mr. Whitehead served on the President-elect's task force on budget policies and assisted on transition matters. He joined the White House staff in January 1969. As Special Assistant to the President, his responsibilities included space, atomic energy, maritime affairs, communications, liaison with regulatory agencies, and several specific economic and organizational matters. Mr. Whitehead was nominated by the President to be the first Director of the Office of Telecommunications Policy and, following confirmation by the Senate, took office on September 22, 1970.

CLAY T. WHITEHEAD

Clay T. Whitehead is Distinguished Visiting Professor of Communications Policy at George Mason University and President of YCO, a business development company.

Mr. Whitehead holds B.S. and M.S. degrees in electrical engineering and a Ph.D. in management and economics, all from MIT. After college, he served two years in the U.S. Army and worked as an analyst at the Rand Corporation on national security and economic policy issues.

Mr. Whitehead served as Special Assistant to the President for two years under President Nixon, with responsibility for NASA, the Atomic Energy Commission, the National Science Foundation, the FCC, and other areas of economic and regulatory policy. He led the development of a new policy to guide future U.S. directions in space to follow the Apollo moon landings, including the decisions to build the space shuttle and space station and to continue the Viking missions to explore Mars.

Mr. Whitehead was then confirmed by the Senate as the first Director of the U.S. Office of Telecommunications Policy (OTP) reporting to the President where he was responsible for Administration policy on broadcasting, cable, and telecommunications regulation as well as the Federal government's own telecommunications activities. Many of the current policies of competition and deregulation in telecommunications were developed in OTP under his leadership to replace the then-dominant highly regulated and monopolistic structures of the television and telecommunications industries. Apart from his official government position, he also led the planning, during the last months before President Nixon's resignation for Vice President Ford's transition to the Presidency.

After leaving Government, Mr. Whitehead was appointed to a joint Harvard/MIT Visiting Fellowship. He then founded and was president of Hughes Communications, Inc. where he created the Galaxy satellite system that for the first time made many cable TV channels available to all the cable TV systems in the U.S. and that subsequently became the model for distribution of cable and satellite television channels in the U.S. and around the world. After leaving Hughes, Mr. Whitehead founded the first world's commercial direct-to-home satellite TV broadcast business, now known as Astra, that ended the state-run monopoly over television broadcasting in Europe by bringing viewers hundreds of new free enterprise TV channels. He later led the development of the first commercial satellite business in the Asia/Pacific region.

From 1985-2004, Mr. Whitehead was President of Clay Whitehead Associates, an international business development company working principally in the telecommunications and television industries. In 2005, he was inducted into the Society of Satellite Professionals International Hall of Fame for being a seminal figure in the development of the satellite industry. He is a member of the board of directors of a mutual fund group, is married, has two children, and lives in McLean, Virginia.

More in this Section... 

Dr. Clay T. Whitehead



Clay T. Whitehead has been a seminal figure in the development of the satellite industry as a policymaker, advisor and business executive. After serving in the US Army and working for the Rand Corporation on national security and economic issues, Dr. Whitehead served as Special Assistant under President Nixon, with responsibility for NASA, the Atomic Energy Commission, the National Science Foundation, the FCC, and other areas of economic and regulatory policy. He led the development of US space policy following the Apollo program, including the decisions to build the space shuttle and space station.

Confirmed by the Senate as the first Director of the U.S. Office of Telecommunications Policy, Dr. Whitehead was responsible for Administration policy on broadcasting, cable, and telecommunications regulation as well as the Federal government's own telecommunications activities. That role has led many to call him the "father of the Open Skies policy."

After leaving government, Dr. Whitehead was a Visiting Fellow at Harvard and MIT. He then founded and was president of Hughes Communications, Inc., where he created the Galaxy business that became the model for satellite television distribution and broadcasting around the world. Subsequently, Dr. Whitehead founded the first private satellite business in Europe, now known as Astra, working with governments and industry in all major European countries in order to bring satellite-delivered television broadcasting to Europe for the first time.

Today, Dr. Whitehead is president of Clay Whitehead Associates, an international business development company working principally in the telecom and television industries. He is also a Distinguished Visiting Professor of Communications Policy at George Mason University and serves on several boards of directors.