## Dr. Charles Franklin Martin, Ph.D.

Scientist/Professor Inducted July 22, 2002

Charles Franklin was born in August 19, 1927 in Carrolton, Missouri. He attended public schools in Carrollton until his junior year in high school. He graduated from Lincoln University Laboratory High School in Jefferson City, Mo. in 1945. He entered Lincoln University in 1945 and graduated in 1949with a Bachelor of Science degree in Building Engineering and Mathematics.

In 1969, Dr. Martin became one of the first African Americans in the country to receive a Ph.D. in Astronomy from Yale. In 1972, he began working at the Defense Mapping Agency in Washington, D.C. He was promoted to the senior Executive Service as Chief Scientist and Chief, Advanced Technology Division of the Defense Mapping Agency. MUCH OF Dr. Martin's principal work was in highly classified areas. However, some of his major pioneering and innovate contributions were in the development of the world Geodetic Systems (WGS 60-WGS 84); Earth Gravity Models for ICBM support and orbit determinations; the National Geodetic Satellite Program; Very Long Baseline Interferometry and the development of the Global Positioning System.

Dr. Martin has written numerous publications on such topics as military applications of gravity Date, lunar mapping control, lunar ephemerides research, satellite orbit research and navigation. He has received international recognition through his participation in various symposia, several as the representative of Yale University, in Greenwich, Paris, West Berlin, Copenhagen, Japan and Nigeria. He is a member of the American Astronomical Union, Royal Astronomical Society, Astronomical Society of the Pacific, American Geophysical Union, American Congress of Surveying and Mapping, USAF Office Scientific Research Mathematics Committee.

On May, 4, 2001, Dr. Martin was one of six people in the country inducted into the National Imagery and Mapping Agency's (NIMA) inaugural Hall of Fame. He is still highly regarded for his pioneering work and revered by his former colleagues for his contributions to the Department of Defense and the security of our nation.