

Biographical Description for The HistoryMakers® Video Oral History with Lucius Walker

PERSON

Walker, Lucius

Alternative Names: Walker, Lucius;

Life Dates: December 16, 1936-June 22, 2013

Place of Birth: Washington, District of Columbia

Residence: Highland Beach, Maryland (from ? to ?)

Occupations: Mechanical Engineer; Engineering Professor; Education Administrator

Biographical Note

Mechanical engineer, engineering professor and education administrator Lucius Walker was born on December 16, 1936 in Washington, D.C. to Inez, a housewife and M. Lucius Walker, Sr., a public school teacher. After attending Armstrong High School for one year, he received a Ford Foundation scholarship to attend Morehouse College at the age of fifteen. In 1954, he transferred to Howard University to study engineering. Walker graduated with his B.S. degree in mechanical engineering in 1957. He continued his studies at Carnegie Institute of Technology (now Carnegie Mellon University), earning advanced degrees in mechanical engineering, his M.S. degree in 1958 and his Ph.D. degree in 1966. During his studies, he served as an instructor at Howard University and Carnegie Institute of Technology.

In 1963, Walker joined the faculty of Howard University as an assistant professor in the Department of Mechanical Engineering; in 1967, he was promoted to an associate professor and in 1970, he became a full professor. A year later, he became chair of the department of engineering. In 1972,

Walker co-founded and directed the Engineering Coalition of Schools for Excellence in Education and Leadership and co-founded the organization, Advancing Minorities' Interest in Engineering. In 1976, Walker became acting dean of the School of Engineering and a graduate professor of mechanical engineering. He was appointed dean in 1978. Throughout his career, Walker also worked for General Electric, Exxon, Ford Motor Company, and Harry Diamond Laboratories. He published many scientific research articles covering topics such as transportation systems analysis, fluid mechanics, and bioengineering. Walker also conducted aerodynamics research using airplane models and holds a patent on a Fluidic NOR device. Lucius Walker retired as dean in 2002 and became a professor emeritus at Howard University.

Walker has been recognized many times throughout his career including receiving the 2008 Distinguished Alumni Award from Howard University. He served on the board of directors of Carnegie Mellon University; Junior Engineering Technical Society and the Center for Naval Analysis, as well as MIT's Visiting Committee of the Department of Electrical Engineering and Computer Sciences. Lucius Walker has two children and six grandchildren.

Lucius Walker was interviewed by 'The HistoryMakers' on July 14, 2012.

Related Entries

Landers, Harry Modenia [GRANDCHILD OF]
Maternal Grandfather

Landers, Cora Henrietta [GRANDCHILD OF]
Maternal Grandmother

Walker, Rosa (Rosie) Glover Holmes [GRANDCHILD OF]
Paternal Grandmother

Walker, Rev. Dr. Thomas H.B. [GRANDCHILD OF]
Paternal Grandfather

Walker, Inez May Landers [CHILD OF]
Mother

Walker, M. Lucius [CHILD OF]
Father

Walker, Monique Lynn [PARENT OF]
Daughter

Walker, Mark Lucius [PARENT OF]
Son

Lovejoy Elementary School [STUDENT OF]

[from ? to 1948-09]

Terrell Junior High School [STUDENTOF]

[from ? to 1951-06]

Armstrong Technical School [STUDENTOF]

[from ? to 1952]

Carnegie Institute of Technology [STUDENTOF]

[from ? to 1966-06]

Ph.D.

Morehouse College [STUDENTOF]

[from ? to 1954]

Howard University [STUDENTOF]

[from ? to 1957-06]

B.S.ME

Carnegie Institute of Technology [STUDENTOF]

[from ? to 1958-06]

M.S.ME

Howard University [EMPLOYEEOF]

[from 1958 to 1963]

Instructor

Carnegie Institute of Technology [EMPLOYEEOF]

[from 1961 to 1963]

Instructor

Howard University [EMPLOYEEOF]

[from 1963 to 1967]

Assistant Professor

Howard University [EMPLOYEEOF]

[from 1967 to 1970]

Associate Professor

Howard University [EMPLOYEEOF]

[from 1970 to 2013]

Professor

Howard University [EMPLOYEEOF]
[from 1978 to 2002]

Dean, School of Engineering

**Massachusetts Institute of Technology Department of Electrical
Engineering and Computer Science** [MEMBEROF]
Visiting Committee

Carnegie Mellon University [MEMBEROF]
Board of Trustees

ECSEL [MEMBEROF]
Executive Director

Center for Naval Analysis (CNA) [MEMBEROF]
Board of Directors

Junior Engineering Technical Society [MEMBEROF]
Board of Directors