

Biographical Description for The HistoryMakers® Video Oral History with Warren Buck

PERSON

Buck, Warren Wesley, 1946-

Alternative Names: Warren Buck;

Life Dates: February 16, 1946-

Place of Birth: Washington, District of Columbia,
USA

Residence: Snohomish, WA

Work: Bothell, WA

Occupations: Physicist

Biographical Note

Physicist Warren Wesley Buck, III was born on February 16, 1946 to Warren W. Buck, Jr. and Mildred G. Buck in Washington, D.C. He was raised in Washington, D.C. and graduated from Spingarn High School in 1963. After graduating from Morgan State University in 1968 with his B.S. degree in mathematics, Buck enrolled at the College of William

and Mary where he received his M.S. degree in experimental and theoretical plasma physics in 1970 and his Ph.D. degree in theoretical relativistic nuclear physics in 1976.

Throughout his career, Buck has continued to do research in physics and has published numerous papers in academic journals. Most of his research interests focused on nuclear and subatomic particles, including studies of the interactions between particles and anti-particles and the nature of mesons and the quark model. Buck joined the faculty of Hampton University in 1984 after sailing on his motorless boat for three consecutive years from Massachusetts to the Bahamas. He became a full professor at Hampton University in 1989. He also helped create the Ph.D. program in physics, which was the first Ph.D. degree program at Hampton University. Buck was a member of the team that established the science program at the Department of Energy's Jefferson Lab in Newport News, Virginia. He was also the founding director of the Nuclear/High Energy Physics Research Center of Excellence at Hampton University. In 1999, Buck was appointed chancellor and dean of the University of Washington, Bothell. He served in the position for six years. During his term, the University of Washington, Bothell became a four-year institution, and its new permanent campus was opened in the fall of 2000. Buck is also a painter, blending humanistic and physical elements in his art.

Buck has been recognized for his work as an educator and a researcher, being elected to membership in the American Physical Society (APS) and creating the popular Hampton University Graduate Studies (HUGS) summer school for nuclear physics graduate students worldwide. Buck was given the Hulon Willis Association Impact Award for his work within the African American community at the College of William and Mary. In 2001, Buck was named a "Giant in Science," by the Quality Education for Minorities (QEM) Network. Buck has served on many advisory

boards and committees, including the Committee on Education of the American Physical Society. He has also served on the board of directors of the Pacific Science Center. Buck married Cate Buck in 2006.

Warren Buck was interviewed by The HistoryMakers on March 29, 2013.

Related Entries

Spingarn STAY High School [STUDENTOF]
[from ? to ?]

Diploma

Lincoln University [STUDENTOF]
[from ? to ?]

None

Morgan State University [STUDENTOF]
[from ? to ?]

B.S.

Johns Hopkins University [STUDENTOF]
[from ? to ?]

The College of William & Mary [STUDENTOF]
[from ? to ?]

M.S.

The College of William & Mary [STUDENTOF]
[from ? to ?]

Ph.D.

State University of New York [EMPLOYEEOF]
[from ? to ?]

Post-Doctoral, Nuclear Physics Theory Group

Michigan State University [EMPLOYEEOF]

[from 199207 to 199207]

Visiting Professor

College of William and Mary [EMPLOYEEOF]
[from 198401 to 198408]

Visiting Assistant Professor of Physics

Hampton University [EMPLOYEEOF]
[from 198901 to 1991]

Nuclear Physics Group Leader

**Thomas Jefferson National Accelerator Facility
(CEBAF)** [EMPLOYEEOF]
[from 198910 to 199907]

Theory Group Member

Bowie State University [EMPLOYEEOF]
[from 1970 to 1971]

Instructor of Mathematics

Los Alamos National Laboratory [EMPLOYEEOF]
[from 1977 to 1980]

Visiting Staff Member

Hampton University [EMPLOYEEOF]
[from 1985 to 199907]

**Liaison with The Continuous Electron Beam
Accelerator Facility**

**Thomas Jefferson National Accelerator Facility
(CEBAF)** [EMPLOYEEOF]
[from 1992 to 1999]

Advisor to Lab Director

University of Washington, Bothell [EMPLOYEEOF]
[from 200502 to 20050630]

Chancellor

Morehouse College [EMPLOYEEOF]
[from 19960205 to 19960217]

Visiting Professor of Physics

Gutenberg University [EMPLOYEEOF]
[from 19960306 to 19960504]

Visiting Professor of Physics

University of Washington, Bothell [EMPLOYEEOF]
[from 200906 to ?]

Professor of Physics

University of Washington, Bothell [EMPLOYEEOF]
[from 20050701 to ?]

Chancellor Emeritus

Science and Technology Program [EMPLOYEEOF]
[from 20090715 to 20091231]

Acting Director

**National Aeronautics and Space Administration
(NASA) Langley Research Center** [EMPLOYEEOF]
[from 198507 to 198508]

Physicist, Space Technology Branch

Hampton University [EMPLOYEEOF]
[from 198408 to 19890827]

Associate Professor of Physics

Hampton University [EMPLOYEEOF]
[from 198908 to 199906]

Professor of Physics

**Thomas Jefferson National Accelerator Facility
(CEBAF)** [EMPLOYEEOF]
[from 19950901 to 19960301]

Staff Scientist

University of Washington, Bothell [EMPLOYEEOF]
[from 20060915 to ?]

Professor of Interdisciplinary Arts and Sciences

University of Washington, Seattle [EMPLOYEEOF]
[from 20060915 to ?]

Adjunct Professor of Physics

University of Paris [EMPLOYEEOF]
[from 197909 to 198009]

Research Staff

Hampton University [EMPLOYEEOF]
[from 199109 to 199509]

**Director of the Nuclear/High Energy Physics
Research Center of Excellence**

Hampton University [EMPLOYEEOF]
[from 199609 to 199906]

**Director of the Nuclear/High Energy Physics
Research Center of Excellence**

John Hopkins University [EMPLOYEEOF]
[from 1968 to 1968]

Student Researcher, Mechanical Engineering

American Physical Society (APS) [MEMBEROF]
[from ? to ?]

Fellow and Life Member

National Society of Black Physicists (NSBP) [MEMBEROF]
[from ? to ?]

New York Academy of Sciences [MEMBEROF]
[from ? to ?]

**American Association for the Advancement of
Science (AAAS)** [MEMBEROF]

[from ? to ?]