

Biographical Description for The HistoryMakers® Video Oral History with Nancy Glenn

PERSON

Glenn, Nancy D., 1965-

Alternative Names: Glenn, Nancy Deas, 1965-;

Life Dates: January 26, 1965-

Place of Birth: Charleston, South Carolina

Residence: Houston, TX

Occupations: Statistician

Biographical Note

Statistician Nancy L. Glenn was born on January 26, 1965 in Charleston, South Carolina. She is the youngest of eight children born to Henry Deas and Eugina Powell. After graduating from high school, Glenn attended the University of South Carolina where she earned her B.S. degree in mathematics in 1987 and a second B.S. degree in statistics in 1995. Glenn earned her Ph.D. degree in statistics from Rice University in Houston, Texas in 2002 becoming the first African American to do so. Her doctoral thesis focused on robust empirical likelihood, which is a statistical method of estimating a quantitative value. In 2002, Glenn worked as a postdoctoral research associate with the National Security Agency.

In 2006, Glenn was hired as an assistant professor in the department of statistics at the University of South Carolina, and has conducted research in the fields of nonparametric statistics and bioinformatics. The results of her experiments have appeared in academic research journals. One article examined the statistical patterns of cancer cell lines and another investigated the future implications of data analysis in evolutionary genomics, which is the study of how the DNA structure in organisms changes during evolution. Glenn remained at the University of South Carolina until 2007, when she was hired as an assistant professor in the Department of Mathematical Sciences at

Texas Southern University in Houston, Texas.

In 2008, Glenn served as the lead investigator on a research grant from the National Institutes of Health, which further developed her work on nonparametric spirometry reference values. In 2011, she served as the co-investigator of a research project funded by the National Aeronautics Space Administration for the bio-Nanotechnology and Environmental Research Center in the Biology Department of Texas Southern University. Glenn also developed a course at TSU that prepares science, technology, engineering, and mathematics students for graduate schools in the sciences.

Throughout her career, Glenn published many important scientific articles, and participated in several activities outside of her academic requirements. She once served as the Houston representative to the American Statistical Association and served as a reviewer for several statistical publications, including the "Journal of the American Statistical Association" and the "Journal of Probability and Statistical Science".

Glenn lives and works in Houston, Texas, with her son Paul David Glenn, II. Nancy L. Glenn was interviewed by The HistoryMakers on 08/16/2012.

Related Entries

Deas, Henry [CHILD OF]

Father

Graham, Mable [GRANDCHILD OF]

Grandmother (M)

Powell Sr, Benjamin [GRANDCHILD OF]

Grandfather (M)

Powers, Bernard [SIBLING OF]

Brother

Powers, Curtis [SIBLING OF]

Brother

Deas, Jr., Henry [SIBLING OF]

Brother

Deas Moore, Vennie [SIBLING OF]

Sister

Deas, John [SIBLING OF]

Brother

Deas, Willie G. [SIBLING OF]

Brother

Deas Young, Eugenia [SIBLINGOF]
Sister

Dominique, Andrelle [SIBLINGOF]
Sister

Deas, Lavinia [GRANDCHILDOF]
Grandmother (P)

Powell, Eugenia [CHILDOF]
Mother

Glenn II, Paul David [PARENTOF]
Son

Deas, John [GRANDCHILDOF]
Grandfather (P)

Rice University [STUDENTOF]
[from ? to 2002-05]

Ph.D.

University of South Carolina [STUDENTOF]
[from ? to 1995-12]

B.S.

University of South Carolina [STUDENTOF]
[from ? to 1987-12]

B.S.

University of South Carolina [EMPLOYEEOF]
[from 2002 to 2007]

Assistant Professor

Texas Southern University [EMPLOYEEOF]
[from 2007 to ?]

Associate Professor

American Statistical Association [MEMBEROF]
Chapter Representative

Kiwanis [MEMBEROF]

