

Gwendolyn E. Boyd

Gwendolyn Elizabeth Boyd is a native of Montgomery, Alabama. She was educated in the public schools and received a four-year scholarship to attend Alabama State University where she graduated summa cum laude with a B. S. degree in Mathematics with a double minor in Physics and Music. Boyd was awarded a fellowship to pursue graduate work at Yale University, where she was the first African American to earn a Master of Science degree in Mechanical Engineering from this Ivy League institution. In 2005 she was awarded an Honorary Doctorate of Humane Letters from Lincoln University (PA) and that same year was also awarded an Honorary Doctorate of Humane Letters from Bennett College for Women. In December 2009, President Obama nominated her to serve as a member, Board of Trustees of the Barry Goldwater Scholarship and Excellence in Education Foundation and she received Senate confirmation in March 2010.

Gwendolyn Boyd is an engineer and the Executive Assistant to the Chief of Staff at the Johns Hopkins University Applied Physics Laboratory. Early in her career at APL she was an analyst in the Strategic Systems Department that provided engineering teams to conduct independent analysis and operational performance evaluation of the Strategic Weapon System (SWS) on Polaris, Poseidon and Trident Submarines prior to deployment, during strategic deterrent patrols, and during operational follow-on operational testing. This included developing estimates of performance factors, evaluation and determination of the readiness of individual SSBNs, and identification of SWS and subsystem issues to permit timely corrective action and effective system deployment. Additionally as group software coordinator, she was responsible for analysis software development from concept evaluation to implementation. In addition to her current responsibilities at APL as Executive Assistant to the Chief of Staff she is also responsible for coordination and development of HBCU initiatives which includes the implementation of the APL Technology Leaders Summer Internship Program identifying students as ATLAS Scholars from HBCU/MIs and HSIs with 3.5 GPA or higher, who aspire to careers in Engineering or Computer Science.

Ms. Boyd serves by appointment from the President of Johns Hopkins University as a member of the Johns Hopkins Institutions Diversity Leadership Council since 1996 and as Chair of the Council since 2001. Ms Boyd serves on the Advisory Council for the College of Engineering, Architecture, and Physical Science for Tuskegee University. She is member of the Society of Women Engineers, National Society of Black Engineers and the Metropolitan Area Network of Minority Women in Science. Additionally, Ms. Boyd is immediate past Chair and still currently serves on the Board of Directors of the APL Federal Credit Union.

Rev. Gwendolyn Boyd is an ordained itinerant elder in the African Methodist Episcopal Church. She serves on ministerial staff at Ebenezer A.M.E. Church in Fort Washington, Maryland. She earned her Master of Divinity degree with Honors from Howard University School of Divinity and is currently pursuing her Doctorate in Ministry at Howard University.

Gwendolyn Boyd leads a very active life in sharing her skills in service to the community. She is an emeritus member of the Board of the Directors for Children's National Medical Center (Children's Hospital) and Children's Research Institute in Washington, D.C. Ms Boyd is a member of *Leadership Washington* (class of '96) and past member of the Board of Directors. She is also a past President of the Board of Directors of United Way of the National Capital Area.

From 2000-2004 Gwendolyn Boyd served as the 22nd National President of Delta Sigma Theta Sorority, Inc., an international service sorority with over 200,000 members in over 950 chapters throughout the world. A few of her accomplishments during her tenure as the "Technology President" include establishing technology in all facets of sorority activities and administration; the Sorority endowed and paid in full a \$1Million Scholarship in honor of its Founders at Howard University, completed the work and completed the payment of the \$6.5Million renovation of its National Headquarters in Washington, DC; received a \$1.6Million grant from the National Science Foundation to establish Project SEE (*Science in Everyday Experiences*) to promote math and science for middle school African American girls; moved through the process and was responsible for the sorority achieving Non-Governmental Organization (NGO) status at the United Nations (UN) with the Economic & Social Council making Delta Sigma Theta the second African American organization to obtain this designation; built a group home for AIDS orphans in Swaziland called THE DELTA HOUSE and provided funding for orphans living in the home; instituted the Sorority's International Day of Service where all chapters throughout the world conduct a service initiative on the same day on the same issue/topic; advocated for education and awareness about HIV/AIDS in Africa and in the U.S. as a part of first International Day of Service; established the Delta Computer Training Center in Lesotho (in southern Africa) by opening the center with ten donated computers; adopted the Adelaide Tambo school for the disabled in Soweto and also provided them with a bus to transport the disabled students, led two delegations to South Africa to provide training for teachers on every grade level in Swaziland and Lesotho in conjunction with the Minister of Education; established the Delta Homeownership initiative; established the Leadership DELTA training program sponsored by General Electric Corporation for outstanding college students, and also published an extraordinary book of featuring meals and memories from sorors entitled *Occasions to Savor*. She currently serves as the Sorority's National Social Action Co-Chair and as Chair of the Sorority's 2013 Centennial Celebration..

Ms Boyd is a member of the Washington, D.C. Alumnae Chapter of Delta Sigma Theta Sorority, Inc, the Capital City Chapter of The Links, Inc. and serves as National Chair for Education Across the Miles; a Life Member of NAACP; National Council of Negro Women; Alabama State University Alumni Association and the Association of Yale Alumni.

Very active in "giving back" and helping promote an agenda for the positive

growth and development of our youth, Gwendolyn Boyd uses her many talents and skills in service to the community. She freely shares her time with youth to encourage them to seek success. She also serves as a role model for young people interested in careers in math, science and engineering. Ms. Boyd is a highly sought and widely acclaimed public speaker and addresses audiences ranging from 10 to 10,000 on a variety of topics ranging from inspiration; engineering, science and technology; non-profit board and leadership development; African American History; and Women's History.

Gwendolyn Boyd has been acknowledged by many for her service and dedication as a community leader and volunteer. For her contributions to the community, she has received numerous awards and honors. Some of her recent awards and recognitions include:

2010 Public Service Award from **The Pigskin Club** of Washington, DC

Leadership Award from Omega Psi Phi Fraternity, Zeta Rho Chapter, Los Angeles California

Profiled as one of the History Makers (*The HistoryMakers is a national 501 (c) (3) non-profit educational organization committed to preserving, developing and providing easy access to thousands of African American video oral histories, taping 20th Century history one person at a time*)

2006 & 2007 Honored by Black Engineer of the Year Association as one of **100 Most Important Blacks in Technology** in the nation

2007 **Public Service Award** Wilberforce Alumni Association, Baltimore Chapter

2006 **Chancellor's Award**, North Carolina Central University

2005 **Maynard Jackson Leadership Award** from Alpha Phi Alpha Fraternity, Inc.

2005 Biff Carter **Public Service Award** from Kappa Alpha Psi Fraternity, Inc.

2004 Inducted into the **National Black AIDS Institute Hall of Fame** in honor of advocacy to promote education and awareness about HIV/AIDS in the Black community;

Who's Who Among African Americans

JHU Women's Leadership Award from The Johns Hopkins University Women's Network

Anheuser Busch Leadership Award

Leadership Washington Outstanding Alumnus Award

Declaration of **Gwendolyn E. Boyd Day** in the following cities: Houston, Texas; Little Rock, Arkansas; Selma, AL; Mobile, AL; Shreveport, LA; Jacksonville, NC; Rochester, NY; and the District of Columbia

Recipient of the Key to the City, in twenty-three cities: Montgomery, AL; Las Vegas, NV; Memphis, TN; Selma, AL; Miami, FL; Wilson, NC; Dade County FL; Killeen, TX; Village of El Portal, FL; Columbus, GA; Birmingham, AL; Savannah, GA; Roanoke, VA; Mobile, AL; Greensboro, NC; Augusta, GA; Goldsboro, NC; Spartanburg, SC; Baton Rouge, LA; Flint, MI; Lexington, KT; Jacksonville, NC and Florence, SC

Outstanding Service Award from the Howard County Branch, NAACP

National Trio Achievers Award, presented by the National Council of Educational Opportunity Associations

In her spare time she enjoys reading and playing the piano.