

Sandra K. Johnson, Ph.D.

Sandra K. Johnson is a Business Development Executive and a Senior Technical Staff Member at IBM. She is currently responsible for working with partners to develop IBM business throughout the Middle East and Africa. She is based in Dubai, United Arab Emirates. Her previous assignments include working as the Chief Technology Officer, Global Small and Medium Business for IBM Systems and Technology Group, the Linux Performance Architect, and managing the Linux Performance, WebSphere Database Development, and Java Server Performance teams within IBM development and research organizations. She has conducted research in a number of computer related areas and was part of the design team that developed the prototype for the IBM Scalable Parallel Processor (SP2), the base machine for “Deep Blue”, IBM’s world famous chess machine.

Dr. Johnson is a member of the IBM Academy of Technology, which consists of the top 1% of IBM’s over 250,000 technical professionals. She has received numerous technical and professional awards, and is a Master Inventor, with over 40 patents issued and pending. She has authored and co-authored over 80 publications, is Editor-in-Chief of the book *Performance Tuning for Linux Servers*, and is author of *Inspirational Nuggets* and *GREGORY: The Life of a Lupus Warrior*.

Dr. Johnson has received several patent, publication and technical awards. She is recognized as one of the Top 100 Most Important Blacks in Technology in the United States (2007-2010). Dr. Johnson is the recipient of the 2006 Summit Heritage Award from the IT Senior Management Forum, the 2006 Share the Light Award from the IBM Austin Black Diversity Network Group, the 2005 Black Engineer of the Year Award for Outstanding Technical Contribution in Industry, the 2002 YWCA of Greater Austin Woman of the Year in Science / Technology Award, the 2001 INROADS Supervisor of the Year Award, the 2000 National Society of Black Engineers’ Golden Torch Award for Lifetime Achievement in Industry, and the 1998 Women of Color Technology Award for Research Leadership. She was featured in *CyberRhythms: Black Innovations in Technology* at the Chicago Museum of Science and Industry in 2003, and profiled in several publications, including the September, 2004 issue of *Ebony*, the March 2003 issue of *Essence*, and the cover of the March, 2001 issue of *Black Enterprise*, which featured the top 25 Blacks in Technology.

Dr. Johnson earned B.S. (*summa cum laude*), M.S. and Ph.D. degrees, all in electrical engineering, from Southern University, Stanford University, and Rice University, respectively. She is the first African-American woman to earn a Ph.D. in Electrical Engineering in the United States. She is a member of the Institute of Electrical and Electronics Engineers (IEEE), the Association for Computing Machinery (ACM), the Society of Women Engineers (SWE) and the National Society of Black Engineers (NSBE). She is also an IEEE Fellow and an ACM Distinguished Engineer.