



**Media Contacts:**  
Adrienne McGarr  
Ruder Finn for IEEE  
312-329-3907  
mcgarra@ruderfinn.com

Fran Tardo  
IEEE  
732-465 5865  
f.tardo@ieee.org

### **IEEE Fellow Kristina Johnson Confirmed as U.S. Undersecretary of Energy**

**PISCATAWAY, N.J. – June 23, 2009** –IEEE, the world’s largest technical professional association, is proud to announce that IEEE Fellow Kristina M. Johnson has been selected by President Barack Obama and confirmed by the U.S. Senate as the Undersecretary of Energy. In her new role, effective July 1, 2009, Johnson will be responsible for leading administration initiatives focused on energy efficiency, solar and wind power, geothermal energy, clean car technology and other forms of renewable energy. In this role, Johnson will draw upon many of the key learnings she experienced since joining the IEEE as a student member in 1980. Throughout her lengthy membership, Johnson has actively been involved in a number of Societies and Committees, using the many avenues for growth available throughout the IEEE to catapult her to where she is today. She is currently an active member of IEEE’s Electron Devices Society, Photonics Society and Women in Engineering.

“IEEE is extremely proud to have an IEEE fellow, one of the IEEE’s most distinguished members, selected for such a prestigious position within the President’s administration,” said Leah Jamieson, 2007 IEEE president and John A. Edwardson Dean of the College of Engineering, Purdue University. “On a personal note, I’m thrilled at the success of an esteemed colleague and one of IEEE’s most accomplished women. Kristina has been a member of the IEEE for nearly 30 years. Her appointment underscores IEEE’s relevance in tracking global grand challenges.”

Johnson’s longtime affiliation with IEEE has impacted many of her accomplishments to date providing her with the networking and resources necessary for success. An electrical engineer, Johnson has more than 129 U.S. and foreign patents or patents pending. Her inventions include pioneering work on liquid crystal on silicon (LCOS) microdisplays and their integration into demonstration and commercial systems such as heads-up automotive displays (HUD); pattern recognition systems for cancer prescreening, object tracking and document processing; HDTV and 3D projection displays; and 3D holographic memories. She earned degrees from Stanford University including a Ph.D. in 1984 and both a bachelor's and a master's degree in electrical engineering in 1981. Johnson became an IEEE Fellow in 2002, one of IEEE’s highest honors.

“Addressing today’s most pressing energy challenges is a high priority within IEEE as progress is essential to achieving a more sustainable world,” said Wanda Reder, President, IEEE Power & Energy Society and IEEE’s New Technology Directions Committee (NTDC) Smart Grid Chair. “Kristina’s appointment solidifies the role IEEE plays in dealing with these issues head on. We are confident that

Kristina will continue to promote innovation and address key issues surrounding sustainability as they relate to renewable power supplies, the smart grid and reducing foreign dependence on oil.”

Johnson will be leaving her position as provost and senior vice president for academic affairs of Johns Hopkins University to fulfill the position as Undersecretary of Energy. Previously, she held the position of dean of Duke University's Pratt School of Engineering from 1999-2007 where she helped set up interdisciplinary efforts in photonics, bioengineering and biologically inspired materials, and energy and the environment.

If you are looking to speak with IEEE about Kristina Johnson’s appointment or other sustainability topics, please contact IEEE at [ieee-PR@ruderfinn.com](mailto:ieee-PR@ruderfinn.com).

### **About IEEE**

IEEE (Institute of Electrical and Electronics Engineers, Inc.), the world’s largest technical professional society, is commemorating its 125th anniversary in 2009 by “Celebrating 125 Years of Engineering the Future” around the globe. Through its more than 375,000 members in 160 countries, IEEE is a leading authority on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Dedicated to the advancement of technology, IEEE publishes 30 percent of the world’s literature in the electrical and electronics engineering and computer science fields, and has developed nearly 900 active industry standards. The organization annually sponsors more than 850 conferences worldwide. Additional information about IEEE can be found at <http://www.ieee.org>.

###