

**NATIONAL SCIENCE FOUNDATION
OFFICE OF EQUAL OPPORTUNITY PROGRAMS**

OEOP BULLETIN NO. 09-09

July 31, 2009

SPECIAL EMPHASIS

SUBJECT: Women's Equality Day

The Office of Equal Opportunity Programs (OEOP), in cooperation with the Directorate for Engineering, cordially invites you to the NSF 2009 program in commemoration of Women's Equality Day. The 2009 national theme is "*Celebrating Women's Right to Vote*".

Keynote Speaker:

Dr. Kristina M. Johnson
Under Secretary of Energy
U. S. Department of Energy

Wednesday, August 26, 2009
2:00 p.m. – 3:00 p.m.
Room 375

Dr. Kristina M. Johnson is currently the Under Secretary of Energy in the U.S. Department of Energy. She received her B.S., M.S. and Ph.D. in electrical engineering from Stanford University. After a NATO post-doctoral fellowship at Trinity College, Dublin, Ireland, she joined the faculty at University of Colorado-Boulder. From 1994 to 1999, Dr. Johnson directed the NSF Engineering Research Center for Optoelectronics Computing Systems Center at the University of Colorado and Colorado State University, and then served as Dean of the Pratt School of Engineering at Duke University from 1999 to 2007. From September of 2007 to April 2009, Dr. Johnson served as Provost and Senior Vice President for Academic Affairs at The Johns Hopkins University.

Dr. Johnson was named an NSF Presidential Young Investigator in 1985 and awarded a Fulbright fellowship in 1991. Her awards include the Dennis Gabor Prize for creativity and innovation in modern optics (1993); State of Colorado and North Carolina Technology Transfer Awards (1997, 2001); induction into the Women in Technology International Hall of Fame (2003); the Society of Women Engineers Lifetime Achievement Award (2004); and the John Fritz Medal, widely considered the highest award in the engineering profession (May 2008).

Dr. Johnson has 142 refereed papers and proceedings and holds 129 U.S. and international patents or patents pending. These inventions include pioneering work on liquid crystal on silicon micro-displays and their integration into demonstration and commercial systems such as heads-up automotive displays; pattern recognition systems for cancer prescreening, object tracking and document processing; HDTV and 3D projection displays; displays brought to the eye and 3D holographic memories. Other inventions include tunable optical filters, spectrometers and color filters, microscope autofocus systems, rechargeable pacemakers and new methods for efficiently licensing intellectual property.

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Note: If accommodations are required for persons with disabilities, please contact OEOP at 703-292-8020 or eeo@nsf.gov. To ensure our ability to provide accommodations, please contact us by August 19, 2009.

James H. Lightbourne, III
Acting Director
Office of Equal Opportunity Programs

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