

Event Program for the NSF Observance of  
**LESBIAN, GAY, BISEXUAL & TRANSGENDER PRIDE MONTH**

**JUNE 10, 2015 | 11AM-12PM | ROOM 375, STAFFORD I**

*Opening Remarks*

**Dr. James Kurose**  
*Assistant Director  
Directorate for Computer and  
Information Science and Engineering*

*Introduction of  
Keynote Speaker*

**Dr. Donna Riley**  
*Program Director  
ENG/Engineering Education and Centers*

*Keynote Speaker  
Presentation*

**AN UNEXPECTED WOMAN**  
*The Inside Story Behind the VLSI Revolution*

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**Dr. Lynn Conway**  
*Professor of Electrical Engineering and  
Computer Science, Emerita  
University of Michigan*

Questions and Answers

*Presentation of  
Plaque and  
Closing Remarks*

**Beth Strausser**  
*Senior Policy Specialist  
BFA/DIAS Policy Office*

**About our Keynote Speaker**

**Dr. Lynn Conway**



Lynn Conway is Professor of Electrical Engineering and Computer Science, Emerita, at the University of Michigan.

Lynn made foundational contributions to computer architecture at IBM during the 1960's. Sadly, IBM fired her in 1968 when they learned she was transitioning. A gritty survivor, Lynn restarted her career in stealth mode. Rising rapidly through the ranks, she joined the famed Xerox Palo Alto Research Center in 1973. There she invented scalable very-large-scale integration design rules, co-authored the seminal text Introduction to VLSI Systems and pioneered teaching the new chip design methods at MIT, thereby launching a worldwide revolution in microelectronics. As Assistant Director for Strategic Computing, she led the Defense

Advanced Research Projects Agency's 1980's initiative to develop the technology base for modern intelligent weapons systems. In 1985 she joined the University of Michigan as Professor of Electrical Engineering & Computer Science and Associate Dean of Engineering. Quietly coming out in 1999, Lynn went on to create a widely-read trans-advocacy website that has given hope and encouragement to transgender people all around the world. In 2012, she published a memoir of the VLSI revolution, finally revealing her key role in that drama. Lynn is a Fellow of the Institute of Electrical and Electronics Engineers, a Fellow of the Computer History Museum, holds two honorary doctorates, and is a Member of the National Academy of Engineering. On June 20, 2015 she will be awarded the James Clerk Maxwell Medal by the IEEE and the Royal Society of Edinburgh.

**SCIENCE + YOU =**



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