

## **Biography**

Tsu-Jae King Liu received the B.S., M.S. and Ph.D. degrees in Electrical Engineering from Stanford University. She joined the Xerox Palo Alto Research Center as a Member of Research Staff in 1992, to research and develop polycrystalline-silicon thin-film transistor technologies for flat-panel display applications. In August 1996 she joined the faculty of the University of California at Berkeley, where she is now Professor of Electrical Engineering and Computer Sciences (EECS) and Associate Dean for Research in the College of Engineering. Her awards include the Ross M. Tucker AIME Electronics Materials Award (1992) for seminal work in polycrystalline silicon-germanium thin films, an NSF CAREER Award (1998) for research in thin-film transistor technology, the DARPA Significant Technical Achievement Award (2000) for development of the FinFET, the Electrical Engineering Award for Outstanding Teaching at UC Berkeley (2003), and the NAE Lillian M. Gilbreth Lectureship (2006). Her research activities are presently in nanoscale semiconductor devices and technology, and thin-film materials and devices for integrated microsystems and large-area electronics. She has authored or co-authored over 300 publications and over 60 U.S. patents, and is an IEEE Fellow.