

Professor Xiang Zhang

Professor Xiang Zhang is Chancellor's Professor at UC Berkeley and the Director of NSF Nano-scale Science and Engineering Center (NSEC) which includes Berkeley-Stanford-UCLA-UCSD-UNCC. He also serves as Director of Department of Defense MURI Center on Metamaterials and Devices that includes Berkeley-MIT-UCLA-UCSD-Duke-Imperial College (UK).

Professor Zhang's current research focused on nano-scale science and technology, meta-materials, nano-photonics and bio-technologies. He has published more than 80 technical papers including publications in *Science* and *Nature Materials*. He has given over 80 invited or keynote talks at international conferences and institutions. Professor Zhang is on editorial boards of three journals. He is a co-chair of NSF Nanoscale Science and Engineering Annual Grantee Conference in 2004-2005, Chair of Technical Program of IEEE 2nd International Conference on Micro and Nano Engineered and Molecular Systems in 2007.

Professor Zhang's research has been selected to be one of *Top Ten Nanotechnology Breakthroughs* in 2005, and *Fast Breaking Papers*, as one of the most cited recent papers in Physics in 2006, and *R&D Magazine's top 25 the Most Innovative Products of 2006*. He was selected as a Finalist for the 2005 Small Times Magazine 2005 *Small Tech Best Researcher Award*. His research was frequently featured by media such as *MRS Bulletin* (Materials Research Society), *Laser Focus World*, *Photonics Spectra*, *Materials Today*, *Physics Web*, *San Jose Business Journal*, *R&D Magazine*, as well as international media including *BBC News*, UK, *Better Humans*, Canada, *The Hindu*, India. Professor Zhang is a recipient of NSF *CAREER Award* (1997); *Engineering Foundation Award* (1997); *SME Dell K. Allen Outstanding Young Manufacturing Engineer Award* (1998) and *ONR Young Investigator Award* (1999). He was nominated in 2004 for the *Millennium Technology Prize*, the world's largest technology award. He was selected as a "Distinguished Lecturer" at University of Texas at Austin in 2004 and SEMETECH in 2005.

Professor Zhang received Ph.D from UC Berkeley (1996). He was an assistant professor at Pennsylvania State University (1996-1999), and associate professor (1999-2003) and full professor (2003-2004) at UCLA prior joined Berkeley faculty in 2004. He is also a member of NASA Institute of Cell Mimetic Space Exploration (CMISE) and member of Berkeley Nanoscience and Nanotechnology Institute (BNNI).