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## Prof. Mihri Ozkan

### Department of Electrical Engineering

**Prof. Mihri Ozkan** is currently an Associate Professor in the Department of Electrical Engineering at UC-Riverside with a highly interdisciplinary research focus on nanotechnology. She received her Ph.D. degree in the Department of Electrical and Computer Engineering at UC-San Diego and her M.S. degree in the Department of Materials Science and Engineering at Stanford University. She has over four years of industrial experience including at Applied Materials, Analog Devices and at IBM Almaden Research Center. Her highly interdisciplinary background including materials science, electrical engineering and bioengineering training supports well her recent multidisciplinary research activities on the development of beyond CMOS fabrication and integration methods for future electronics, on hybrid organic-inorganic solar platforms, and on investigation of “smart” nanoparticles for cancer therapeutics. Prof. Ozkan is the recipient of number of recognitions including; 1) 2008 US Frontiers of Engineering presenter by the National Academy of Engineering, 2) Army's Young Investigator Award (2006), 3) Distinguished Engineering Educator of the Year Award by the National Engineers' Council (2006), 4) Regents Faculty Excellence Award (2006, 2004, 2002), 5) Emerging Scholar Award by the American Association of University Women (2005), 6) Invited participant to the National Academy's Keck Future Initiatives Conference (2005), 7) Visionary Science Award by the BioMEMS and Biomedical Nanotechnology Conference (2003), and 8) “Achievement in Technical Ingenuity” Award by the Inland Empire Economic Partnership (2003).

Prof. Ozkan is member of several national centers; 1) FCRP-the Center of Functional Engineered Nanoarchitectonics, 2) NSF-the Center for Hierarchical Manufacturing, 3) NCI-Nanotumor Center, 4) DOD-the Center of Nanoscience for Innovation in Defense and 5) UCR-the Center for Nanoscale Science and Engineering. Prof. Ozkan is the theme leader in the FCRP-FENA center and is coordinating research activities on the Nanostructures and Patterns within the center. Her editorial activities include the Journal of Sensors and Actuators B and the Journal of Biomedical Microdevices. She is the principal editor of the book titled “Micro-Nano Technologies for Genomics and Proteomics” by Springer. She has more than hundred publications in journal paper, conference proceedings and book chapter format. She also holds more than twenty five patent disclosures and about eight US-patents.