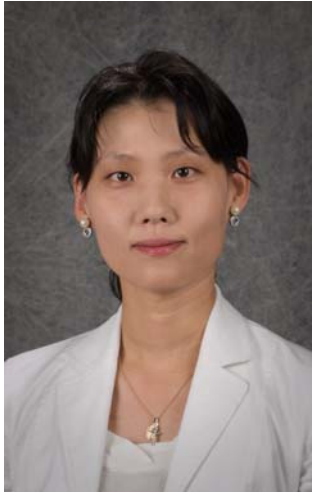


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Dr. Kim is an Assistant Professor of Electrical and Computer Engineering, a member of the Center for Materials for Information Technology, and a faculty member of Tri-campus Materials Science and Engineering Program at University of Alabama in Tuscaloosa, AL. Professor Kim received her B.S in physics from Yonsei University, Seoul, South Korea, in 1992, M.S in Physics, and a Ph. D in Electrical and Computer Engineering from Northwestern University in 1994 and 1999. From 1999 to 2000, she was a senior research engineer at Samsung Electronics, Corporate R&D Laboratory, Suwon, Korea, and from 2000 to 2002, she was a device research engineer at Agilent Technologies (former Hewlett-Packard). After that Dr. Kim pursued an academia career and joined the electrical engineering department at the Stanford University, CA as a research associate and stayed until she joined at the UA.

Professor Kim has authored or co-authored more than 70 scholarly publications, 3 book chapters, and holds one US patent. She also has presented numerous invited talks at the international and domestic conferences. Her research interests include composite of nanomaterials including quantum dots and nanowires, nanostructure application to the energy harvesting and storage, biophotonics and Terahertz technology for optical, magnetic and biological applications including sensing and medical imaging.