

Bio-sketch:

Dr. Larry Nagahara is a Nanotechnology Projects Manager for the National Cancer Institute (NCI) Alliance for Nanotechnology in Cancer, where he oversees the development of promising diagnostics and therapeutics projects and helps turn them into applications that will eventually benefit cancer patients. He also currently represents NCI on the Trans-NIH Nano Task Force which is tasked to develop NIH-wide scientific and policy vision for nanotechnology as well as NCI's Project Scientist for the NIH's Nanomedicine Development Centers and NIH's Genes and Environment Initiative (GEI), Exposure Biology Program.

Dr. Nagahara has been actively involved in nanotechnology for over 15 years, most notably novel scanning probe microscopy development, carbon nanotube applications, molecular electronics, nanoenergy, and nanosensors. Prior to joining NCI, he was a Distinguished Member of the Technical Staff at Motorola and led their nanosensor effort. He was a member of Motorola's Scientific Advisory, an advisory member of U.S. Army Materiel Command Nanotechnology Executive Roundtable, and an industrial liaison for NSF-NIRT projects, and Semiconductor Research Corporation (SRC) projects. He is also currently an adjunct professor in the Department of Physics and Astronomy at Arizona State University, an Associate Editor of the IEEE Sensors Journal, and on the Editor Board of the International Journal of Green Nanotechnology: Materials Science and Engineering. Dr. Nagahara has published over 80 technical papers, 3 book chapters, and 1 book pending as well as over 15 patents issued/filed in the field of nanotechnology. He is also an American Physical Society (APS) Fellow and a Nano50 Awardee.

Larry Nagahara received his B.S. degree in physics from the University of California, Davis, and a Ph.D. in physics from Arizona State University. He was a post-doctorate fellow at the University of Tokyo, Japan and later joined the Faculty of Engineering. In 1994, Dr. Nagahara joined Motorola and spent three years at the Joint Research Center for Atom Technology in Tsukuba, Japan, before relocating to Motorola Labs in Arizona. In 2007, he joined the NCI in Bethesda, Maryland.

