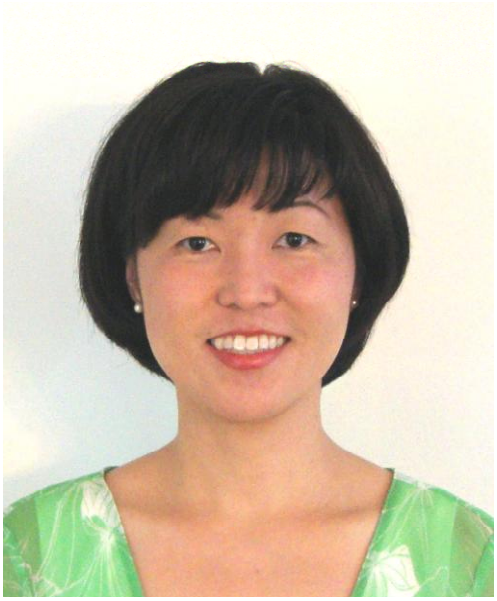

2010 IOTA SIGMA PI AGNES FAY MORGAN RESEARCH AWARD
Professor Kyoung-Shin Choi, Purdue University

Dr. Kyoung-Shin Choi is the **2010 recipient of the Agnes Fay Morgan Award.** This annual award is given for research achievement in chemistry or biochemistry. The nominee must be a woman chemist or biochemist, not over forty years of age at the time of her nomination.

Dr. Kyoung-Shin Choi is an associate professor of chemistry at Purdue University. She received her B.S. and M.S. degrees from Seoul National University in South Korea in 1993 and 1995, respectively. She received a Ph.D. degree from Michigan State University in 2000 (with Prof. Mercouri Kanatzidis), and then spent two years at the University of California, Santa Barbara as a postdoctoral researcher (with Prof. Galen Stuky). She joined the chemistry faculty at Purdue University as an assistant professor in 2002, and was promoted to an associate professor in 2008. She was a visiting scholar at the National Renewable Energy Laboratory (NREL) during Fall of 2008.

Her current research combines solid state chemistry, electrochemistry, and materials chemistry in order to address materials-related issues of electrode materials for use in electrochemical and photoelectrochemical devices. Her specific research interest lies in the construction of multi-component composite electrodes (e.g., photoelectrode/catalyst) with optimum architectures via precise and rational morphology control during materials synthesis. She was a recipient of a 2006 Alfred P. Sloan Research Fellowship and the 2007 ACS ExxonMobil Faculty Fellowship in Solid-State Chemistry. She also received the 2008 Purdue College of Science Outstanding Undergraduate Teaching by an Assistant

Professor Award. She is currently serving as a 2011 volume organizer for Materials Research Society (MRS) Bulletin and the 2011 chair elect of the American Chemical Society-Divistion of Inorganic Chemistry, Solid State Chemistry Sub-division.