Please join us in one of the Shepherd S-STEM Club Seminars:

**Be Successful in STEM fields: Learning, Careers, Future and ...**

**Hakuna Matata**

*By Dr. Seung-yun Kim*

Time and location: 2:10-3pm, Friday March 21, 2014 @ BY 108

**Abstract:** We live in an increasingly “FLAT” world where data is transferred everywhere instantly and business takes place around the clock. Future business growth and development rely on innovation which depends on a solid knowledge base in science, technology, engineering and mathematics (STEM). According to a study, more than 3 million job openings in STEM related fields will be created by 2018 that will require a bachelor’s degree or higher. Furthermore, employment projections show a faster expansion in STEM occupations than non-STEM occupations from 2012 to 2022 by more than 30%. However, fewer than 40 percent of students who enter college intending to major in a STEM field actually complete a STEM degree. In this talk, I will provide an overview of STEM careers and future as well as learning processes, study techniques, and ways to succeed in college.

Dr. Seung-yun Kim is an Assistant Professor of Department of Electrical and Computer Engineering, and First Year Program Coordinator of School of Engineering at The College of New Jersey, Ewing, NJ. Dr. Kim earned a Ph.D. and master's degree in electrical engineering at the University of Dayton and a bachelor's degree in electrical engineering at Saint Louis University. He was an assistant professor in the Department of Computer Sciences, Mathematics, and Engineering at Shepherd University where he was responsible for program and curriculum development of Computer Engineering program. His research interests include collaborative computing, human-centered systems, mobile and ubiquitous computing, and intelligent robotics, and he has been awarded over $300,000 in grants. He has published over 20 refereed journal and proceedings, and serves as a reviewer for the NSF and several technical journals. He has extensive experience in outreach to K-12 programs, promoting STEM education.

**Acknowledgements:** This talk is sponsored by the NSF S-STEM grant (DUE-1259713).