

Albert Luo Receives 2014 Distinguished Research Professor Award



The 2014 Distinguished Research Professor Award recognizes Dr. Albert Chao-Jun Luo of the Department of Mechanical and Industrial Engineering for his contributions to nonlinear dynamics. This award is given to SIUE faculty members in recognition of their outstanding and sustained contributions to research and creative activities. Dr. Luo has achieved international recognition in his field with his theory of flow barrier vector fields. His colleagues have credited him with developing methods of calculating chaotic motion, as well as pioneering theories of dynamic physical changes that were previously unexplained. In his own production, Dr. Luo's work in nonlinear dynamics has been published approximately 125 times in refereed journals. He has also published twelve research monographs, and over thirty pieces in proceedings, special issues, chapters and edited books. His work has been funded by external sponsors such as the National Science Foundation and local industrial partner Amsted Rail.

Dr. Luo's dedication to the advancement of his field shows a tireless motivation to achieve excellence. He currently serves as an editor for four prominent journals in his field, as well as a book series. He also serves on editorial boards and various technical committees. This is not to mention the professional symposiums, tracks and conferences he has organized and chaired, which currently number over forty. As one colleague noted, "His wide range of activities has made our mechanical engineering program better known to outsiders, and it has promoted the image of SIUE at the national and international level."