



**Hui Yang**

## **Professor Yang Receives CAREER Award**

Industrial and Management Systems Assistant Professor **Hui Yang** received a National Science Foundation CAREER Award for “Sensor-based Modeling and Control of Nonlinear Dynamics in Complex Systems for Quality Improvements in Manufacturing and Healthcare.”

His research interests are sensor-based modeling and analysis of complex systems for process monitoring/control, system diagnostics/prognostics, quality improvement, and performance optimization, with special focus on nonlinear stochastic dynamics, and the resulting chaotic, recurrence, multifractal, self-organization, long-range dependence behaviors.

He received 3 best paper awards from IEEE Annual Conference of Engineering in Medicine and Biology Society (EMBC) and Annual Industrial and Systems Engineering Research Conference (*ISERC*). He has contributed chapters for 2 books, e.g., *The Art and Science Behind Successful Product Launches* (Springer 2009) and *Tele-healthcare Computing and Engineering: Principles and Design* (CRC Press, 2012) and has published his work in various peer-reviewed journals.

Professor Yang received his PhD from Oklahoma State University.