



**Jeanne Huddleston**  
**“The Science of Health Care Delivery”**

**Monday December 8, 2014, 4:30-6:30PM in 1123 LBME**

Do you remember what the U.S. automotive industry was like in the 70s and 80s – when we realized that foreign car-makers could build more reliable, better looking, and cheaper cars? There are parallels now with U.S. health care. We have amazingly advanced pharmaceutical, radiologic, and genetic science, yet our health care delivery system is broken, burdened by inefficiency, waste, mistakes, and safety issues.

We know what to do, but not how to do it in a reliable, safe and affordable way... for every patient, every day.

There is no one discipline that can solve the problems of health care. To meet the needs of patients today and transition to new value-based payment models, we must combine analytics, decision support, lean systems, quantitative process analysis, stakeholder engagement, innovative solution design and human factors.

Dr. Jeanne Huddleston, medical director of the Mayo Clinic’s Healthcare Systems Engineering Program, will highlight recent work at the Mayo Clinic.

**Jeanne M. Huddleston**, MD, MS, FACP, FHM is a past President of the Society of Hospital Medicine and the founder of Hospital Medicine at the Mayo Clinic, Rochester, MN. She is the Medical Director of Mayo Clinic’s Healthcare Systems Engineering Program. She founded and led the Mayo Clinic 100% Mortality Review System for nearly 12 years. She received her MD degree in 1993 from Michigan State University and internal medicine residency at Mayo Clinic. Dr. Huddleston is a Harvard Macy Scholar (Physician Educator and Leadership Programs) and alumnus of the first class of the Health Forum/NPSF Patient Safety Leadership Fellowship. As a Mayo Clinic Scholar in the Science of Health Care Delivery, she completed a certificate program in clinical research (Mayo Clinic), a masters degree in industrial engineering, and certificate of statistics (Arizona State University). She most recently obtained a Lean Six Sigma Black Belt. Dr. Huddleston’s focus is the translation of industrial and systems engineering principles to health care delivery in an effort to improve the safety, efficiency and reliability of the healthcare experience for patients, their families and all providers.

The seminar series “Providing Better Healthcare through Systems Engineering” is presented by the U-M Center for Healthcare Engineering and Patient Safety: Our mission is to improve the safety and quality of healthcare delivery through a multi-disciplinary, systems-engineering approach.

For additional information and to be added to the weekly e-mail for the series, please contact [genekim@umich.edu](mailto:genekim@umich.edu)