Seminar Series
Healthcare Systems Engineering Institute

All events are free and open to anyone in the healthcare community interested in process improvement.

Healthcare Systems Engineering as an Improvement Strategy
1-hour seminar
March 10, 2014
5-6 pm Reception / 6-7 pm Seminar
Harborview Medical Center
300 9th Avenue

A general introduction and overview of healthcare systems engineering methods and how they complement other improvement efforts - including common methods, examples of applications, and available resources and assistance for getting started. Preceded by an informal networking reception.

Using Computer Simulation to Improve Healthcare
1-day workshop
May 1, 2014
9-4 pm Workshop / 4-5 pm Reception
Harborview Medical Center
300 9th Avenue

Computer simulation is one of the most common systems engineering methods used to improve healthcare processes. This workshop provides an introduction to using simulation models to make a variety of healthcare decisions, using several exercises to teach basic concepts and provide experience in the basic steps of effective simulation studies. More details.

Using Quality Control Charts in Healthcare
1-day workshop
June 23, 2014
9-4 pm Workshop / 4-5 pm Reception
Northeastern University Seattle
401 Terry Avenue North, Suite 103

An introduction to using statistical process control in healthcare, including selection, construction, and interpretation of the most common types of control charts. The morning will cover general concepts and basic methods and the afternoon will cover more advanced control charts, including for rare events and risk adjusted data. More details.

>> Click here to register.

Faculty

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Co-sponsored by

Quality Improvement Organizations
Qualis Health
UW Medicine Harborview Medical Center
Northeastern University Seattle

Supported in part by CMS/CMMI Innovation Grant #1C1CMS331050