

Workshop Series

Using Statistical Process Control Charts in Healthcare One-day Workshop

Workshop Overview

A one-day general introduction to using statistical process control (SPC) in healthcare, including selection, construction, and interpretation of the most common types of control charts. Attendees will learn how to apply statistical control charts to key process data, gain experience interpreting and reacting to results, and complete hands-on exercises using software. All materials are included, although attendees are encouraged to bring laptops and their own data sets if they would like.

Learning Objectives

Workshop attendees will learn the following:

- Basic concepts of statistical process control
- Construction of the most common types of control charts
- Overview of more advanced types of charts
- Common questions and practical applications in healthcare
- Common errors and pitfalls to avoid

About the Faculty

James Benneyan, PhD is a national leader and innovator in healthcare systems engineering and an expert in statistical process control. He is executive director and senior scientist of the Healthcare Systems Engineering Institute at Northeastern University, including five federally-awarded centers by the NSF, CMS, AHRQ, and VA and three undergraduate through doctoral traineeships. He has received 12 research, teaching, and service awards, is an elected fellow of the Institute of Industrial Engineers, and previously was senior systems engineer at Harvard Community Health Plan, an industrial engineer at IBM, and faculty for the Institute for Healthcare Improvement.



January 26, 2018

8:30 a.m. - 4:30 p.m.*

Cabral Center, Northeastern University

40 Leon Street, Boston, MA 02115

*Light breakfast served at 8:00 a.m.

Registration

\$195 to general public

Free to HSyE industry members

CNE Credits available: 6.5 hours

[Click here to register.](#)



ANCC Provider Northeastern University School of Nursing is accredited as a Provider of continuing nurse education by the American Nurses Credentialing Center's Commission on accreditation.