

Stat *E-Zine*

ASQ Statistics Division's Electronic Quick Information News Source



2004 AQC in Toronto

The Statistics Division has many activities planned for this year's American Quality Congress in Toronto. There are two meetings planned that include our Division Strategic Planning meeting and the Annual Open Business Meeting. All members may attend and participate at whatever levels you desire. The meeting dates and times are listed below. See the AQC program for hotel and room locations after arriving at the Congress

Stat Strategic Planning Session
7:30AM - 5:00PM, Sunday, May 23, 2004

Stat Council / Open Business Meeting
6:00PM - 7:30PM, Monday, May 24, 2004

Statistics Division Sponsored Track

T308 DOE AS A MAP: NAVIGATING YOUR TREACHEROUS PROCESS TERRAIN

Davis Balestracci, *Harmony Consulting*
Session Manager: Daksha Chokshi, Pratt & Whitney

This session will use a real scenario to demonstrate how better process understanding and control can be achieved using a "mapping" strategy based on response surface methodology as a necessary adjunct to factorial experiments. Several lurking experimental "traps" will be discussed, and the perception that DOE is "inflexible" will be debunked. You will see why a statistician's favorite answer is, "It depends!"

Statistics Division Track
Intermediate

T408 SIX SIGMA AND STATISTICAL LEADERSHIP

Roger W. Hoerl, *General Electric*
Ronald D. Snee, *Tunnel Consulting*
William F. Rodebaugh, Jr., *W. R. Grace*
Session Manager: Daksha Chokshi, Pratt & Whitney

This session will help statisticians and quality professionals transition from passive consulting roles to proactive leadership within their organizations. Particular attention is focused on Six Sigma and the leadership opportunities it offers. A real case study is presented to illustrate the knowledge, skills, and attitudes needed to be effective leaders.

Statistics Division Track
Intermediate

W108 MULTIVARIATE STATISTICAL PROCESS CONTROL AND INDUSTRIAL APPLICATIONS

John McGregor and Theodora Kourti,
McMaster University
Mike Dudzic and Vit Vaculik, *Dofasco Incorporation*

Data on large numbers of process and quality variables are collected routinely in industrial processes. This session explores the recent developments and automation in multivariate statistical process control methods. Some of the basic concepts of principal components analysis (PCA) and partial least squares (PLS) methods and their graphical interpretation will be discussed, along with several successful industrial applications of the methods.

Statistics Division Track
Intermediate

Statistics Division-Sponsored Booth and Hospitality Suite

Be sure to stop by the Stat Division booth to get your division ribbon and participate in the booth activities. Also, don't forget to visit the hospitality suite. There will be refreshments and great discussions for all. Check the schedule for open times and room number

Welcome to the second issue of the ASQ Statistics Division's E-Zine. Our E-Zine will be a quick source of current news emailed to you monthly or whenever up-to-date news is available. We hope this to be an important member service providing timely information to help keep you employable. The mailing list will initially be Stat Division members who have opted in to receive division publications.