

Date: June 8, 2016

Time: 8:30am-4:30pm

Ohlone College
Newark Center Campus
Room 1100

APPLIED STATISTICS (WITH EMPHASIS ON RISK MANAGEMENT) IN MANUFACTURING, R&D AND QA/QC — INTERMEDIATE

Life Sciences/Biotechnology Workshops

THE WORKSHOP

This one-day workshop provides an introduction to, or a re-view of, the most commonly used statistical methods and tests used in the biotech industry. The major topics covered include: confidence intervals, null -hypothesis, significance, p-values, t-tests, statistical "power", confidence/ reliability calculations, tolerance limits, attribute vs. variables data calculations, normal vs. non-normal data calculations, K-tables, and normal transformations. After finishing this workshop, the attendee will be better able to comply with company SOP's on statistics, and better able to perform data analysis required by company product validation protocols/reports. This workshop provides 0.7 recertification units for those seeking or renewing ASQ CQE or RQE or similar certifications. Previous completion of the "Basic Statistics" workshop in this series (or equivalent training and/or experience) is re-



THE INSTRUCTOR

John Zorich has a Master's Degree in biological science from UC Davis and has a Quality Engineering Certificate from ASQ. He has worked in the biotech industry (in QA/QC, Mfg. and R&D) since 1979, and has been an independent statistical consultant and trainer to that industry since 1999. His consulting clients have included several large multi-national biotech companies as well as many Silicon Valley startups. He designs, validates, and sells statistical application software programs that have been purchased by more than 90 companies, world-wide. He has been the in-house statistical consultant and trainer since 2006 for DEKRA (one of the EU/MDD "Notified Bodies"). He has taught on-site statistical workshops for many private clients as well as for Silicon Valley ASQ Biomedical, UC Santa Cruz Extension, Silicon Valley Polytechnic Institute, and Global Compliance Panel; and he has given numerous statistical webinars through commercial on-line-training companies. He has taught this Ohlone workshop annu-

Registration: Enrollment fee is \$75.
<http://www.ohlone.edu/org/commed/register.html>

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Questions?
Contact
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