St. Louis Section 1304
Engineers' Club of St. Louis
4359 Lindell Blvd
St. Louis, MO 63108-2701

314-533-9333
314-533-9336 Fax

ASQ – ST. LOUIS SECTION

October Membership Meeting

Tuesday, October 18, 2005

Location: Engineer's Club of St. Louis
4359 Lindell Boulevard, Saint Louis, MO 63108
(314) 533-9333

5:30 – 6:00 pm Registration & Social
6:00 – 7:00 pm Workshop Program: Presentation by Beth Cudney "Integrating Lean and Six Sigma"
7:00 – 8:00 pm Dinner & Section Business
8:00 – 9:00 pm Presentation Program: Presentation by Chris Anderson "The New Business of Paradigms"

- Cost is **$20** for Members and Guests; **$10** for Members between jobs and Students.
- Please register by Friday, October 14, 2005 by calling the Engineers' Club of St. Louis at (314) 533-9333, sending a fax to (314) 533-9336, or an e-mail to kurt.krispin@engineersclub.net. Thank you.

ASQ Certification Information

For more information on classes, exam locations & proctoring, email Kimm Parker at parkerk@gknstl.com. As a proctor you earn 0.5 RU points. All tests have tentatively been scheduled for the St. Louis Engineer's Club.

Please visit our Website at www.asq-stl.org for:

- Certification Class and Exam information and registration forms
- Employment Opportunities
- Fall Technical Conference Information

Visit us on the Web

- Future Meetings and Events
- Section Leadership Committee Directory
- Recertification Information

OCTOBER MEETING HIGHLIGHTS

Workshop: "Integrating Lean and Six Sigma" Presented by Beth Cudney CQE, SSBB from University of Missouri - Rolla

Lean Manufacturing and Six Sigma are both powerful tools to improving quality, productivity, profitability and market competitiveness. Six Sigma is focused on reducing variation using a problem solving approach and statistical tools. Lean Manufacturing focuses on eliminating waste and improving flow using various Lean principles and their respective approaches. As stand alone tools, companies can achieve strong improvements. Using either tool alone has its limitations. However, by combining the Six Sigma DMAIC methodology with lean manufacturing tools, companies have a more appropriate toolkit to address all types of process problems and can reap even more dramatic gains. An integrated approach to process improvement is presented using Lean manufacturing principles and Six Sigma. The approach begins with Value Stream Mapping to identify gaps between the current and future state. Six Sigma is then used to ensure an improvement roadmap with a problem solving approach. Lean manufacturing techniques are used in conjunction for process improvement.

Elizabeth A. Cudney is a Ph.D. candidate at the University of Missouri - Rolla. She received her B.S. in Industrial Engineering from North Carolina State University, Master of Engineering in Mechanical Engineering, and M.B.A. degrees from the University of Hartford. Prior to returning to pursue her Ph.D., she worked in the automotive industry as a Six Sigma Black Belt, Senior Manufacturing Engineer, and Manufacturing Manager. She was also an Adjunct Professor at the University of Hartford where she taught courses on Six Sigma. Beth is an ASQ Certified Six Sigma Black Belt and ASQ Certified Quality Engineer. Beth is the co-Chair for the 2005 Lean Management Solutions Conference and the President of the Lean Division of the Institute of Industrial Engineers.

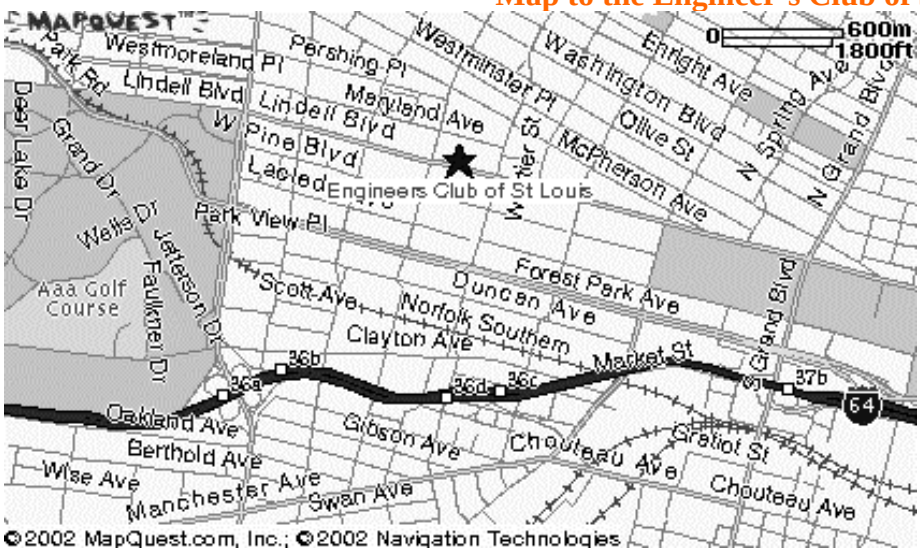
Presentation: "The New Business of Paradigms" by Chris Anderson, CQA from Bizmanualz, Inc.

What are paradigms? Paradigms are problem solving systems. They are the way we see the world. They help us filter out data that has no relevance and they provide guidance in unfamiliar situations. However, unquestioning adherence to a set of paradigms limits our ability to recognize paradigm shifts and ways to solve seemingly impossible problems. Rigid devotion to a single paradigm also influences how we treat outsiders -- the mavericks, new employees and others -- who come up with new ideas. It becomes easy to view these individuals and their ideas as troublesome, pesky or even wacky.

Organizations and the people in them need to be able to identify and work with changing paradigms. Equally as important, organizations need to be able to generate their own new paradigms. Unless that happens, the organization is bound to stagnate. Leaders and employees will forget about innovating. Instead, they will assume that successful strategies from the past will also lead to future success. But, that's an increasingly erroneous assumption. By taking a thoughtful and levelheaded look at paradigms, the ways in which they shift, and our ability to generate and respond to new paradigms, we can look ahead without fear. That's because we will be helping to create our future.

Chris Anderson, CQA is our Section 1304 Chair-elect. He received his BS in Electrical Engineering from SIU Carbondale and an M.B.A. from Pepperdine University. He is currently the Managing Director of Bizmanualz, Inc. where he works with companies to build management systems for quality, accounting, human resources, and information technology. Chris is an ASQ Certified Quality Auditor.

Map to the Engineer's Club of St. Louis:



Driving Directions:

From I-70 Take exit number 244B and go South on KINGSHIGHWAY - 3.1 miles. Turn LEFT onto LINDELL BLVD 0.5 miles.

From I-40: Take Exit number 36B and go North on KINGSHIGHWAY BLVD. 0.9 miles Turn RIGHT onto LINDELL BLVD. 0.6 miles