



Southern Jersey Section Quality Connections

Quality New Jersey Seeking Volunteers

Quality New Jersey has been the sole administrator of the Governor's Award for Performance Excellence since its inception by an Executive Order of Governor Florio in 1991. QNJ uses the Malcolm Baldrige criteria as the basis for selecting the award winners. If you are interested in getting involved and participating in this process, please consider the following opportunities:

- A Board of Directors (8-15) of people who have influence to mobilize resources in their own organization and have contacts to other people of influence outside their organization
- A knowledgeable and dedicated Panel of Judges (10-12)
- A knowledgeable and dedicated Board of Examiners (80-100 who complete the free Examiner training and at least 60% of them are willing and able to serve on an application during the year)
- Several experienced people (4-6) to help update and help do the training required to build the Examiner pool
- Governor's Award applications (5-10), mini applications, facilitated self assessments, training suit cased to organizations' locations
- A planning team (6-10) for the Annual Conference/Recognition Event
- Segment focused groups (6-10 people) for each of the segments (Business, Government, Health Care, Education) -- to identify needs and services for that group, including Best Practices Sharing Conferences, how to get that segment more involved, what should QNJ be doing to help that segment improve performance, etc.

If you are interested or need additional information, please contact Tom Ligas, Executive Director, Quality New Jersey at www.qnj.org or 732-803-0765

Quality New Jersey's second annual "Best Practices in Business Conference"

The subject conference will be held on February 7, 2007 at the PSE&G Conference Center, 234 Pierson Avenue, Edison, NJ. For more information, go to QNJ website: www.qnj.org

- ***\$80 per person for current QNJ members***
- ***\$90 per person for organizations that send 3 or more people***
- ***\$120 per person for non-members***

ASQ DINNER MEETING

- DATE** **Wednesday January 17, 2007**
- TIME** 6:00 PM Networking
6:30 PM Presentation
7:30 PM Dinner
- LOCATION:** **Quality Inn**
531 Route 38 West (South of intersection with Route 73)
Maple Shade, NJ
- DINNER** **Prime Rib**
- RESERVATION:** If you plan to attend, please advise Tom Mudge @ 609-720-2539 or
tom.mudge@wgint.com by **Friday January 12, 2007**
- COST:** **\$15.00** (for the dinner), the presentation is **FREE**.
- TOPIC** **"Integrating Lean Manufacturing and Six Sigma: The Challenges and Benefits"**

Many companies think they have to start improvement efforts by using either Lean Manufacturing concepts or Six Sigma. They select Lean or Six Sigma depending on what seminars or workshops they have attended. Many select Lean because of the large amount of training that is required to start up a traditional Six Sigma program. An effective Lean program can reduce lead time; work in process, and inventories. However, Lean will not help solve quality issues, reduce process variations, or bring a process into statistical control. Lean improvements also can be slow across the entire company because Lean does not establish the cultural infrastructure developed using Six Sigma. On the other hand, most of the Six Sigma methods do not focus on time. They are concerned with identifying and eliminating defects. Six Sigma does not address process speed or lead time. What is needed is a blend of Lean and Six Sigma or Lean Six Sigma.

In this presentation, Frank Garcia will review Lean and Six Sigma concepts and how they can be combined into an effective Lean Six Sigma program. Using this approach, the focus is not on training green and black belts but on applying the right improvement concepts and techniques for the challenges at hand. Lead times and inventories can be reduced using Lean while Six Sigma techniques are used to reduce defects and process variation. Frank will provide examples of how Lean Six Sigma techniques have been used to improve the performance of local companies. Building an improvement program on a foundation of Lean concepts, while using Six Sigma analysis and problem solving techniques, can yield the fastest rate of improvement in customer satisfaction, cost, and process speed.

Speaker: Frank C. Garcia, PE Advent Design Corporation, Bristol, PA

Mr. Garcia is Director, Engineering Services and partner of the Advent Design Corporation. Mr. Garcia has worked and managed projects involving plant layouts and relocation, product design, manufacturing system design and implementation, and quality improvement. He has been involved

with many lean manufacturing implementations involving value stream mapping, setup reduction, cellular manufacturing, and kanban systems. He has assisted in the development of manufacturing improvement strategies for national and international companies. His projects have been in the chemical, food, pharmaceutical, electronics, defense, and consumer products industries.

Mr. Garcia is a registered professional engineer who served seven years in the U.S. Navy submarine force after graduation from the U.S. Naval Academy. After completing his military service, he obtained his Master of Engineering in Industrial Engineering from the Rochester Institute of Technology. Mr. Garcia is a senior member of the Institute of Industrial Engineers (IIE) and American Society for Quality (ASQ). He is also a certified Systems Integrator (IIE), Quality Engineer (ASQ), and Quality Manager (ASQ).

International Council on Systems Engineering

Delaware Valley Chapter Meeting

(Non-members welcome to attend)

Speaker: Sarah A. Sheard, Principal, Third Millennium Systems
(<http://www.3milsys.com>)

Topic: Complex Systems Science and its Effects on Systems Engineering

For abstract and author's biographical summary, see next page.

Date: **Tuesday January 23rd, 2007**

Time: 6:00 p.m. \$10 for the buffet meal (students \$5)
6:30 p.m. Meeting begins

Place: **L-3 Communications,
A&E Building, Auditorium
1 Federal Street, Camden, NJ**

For directions to L-3 please visit the web site
http://www.l-3com.com/cs-east/ie_locmap.shtml
<http://www.l-3com.com/cs-east/gif/smallmap.gif>

Please contact Peter.Scott@L-3Com.com if you plan to attend this event.
Please let him know if you are not a U.S. citizen so he can get the necessary approval.

Wedding Bells for Six Sigma and Lean

Trends in industry are often telegraphed into candidate requirements in job postings and they can serve as a window into the latest corporate initiatives. As trends go, none has been more contested and anticipated than the evolving relationship between Six Sigma and Lean. Today there are increasing signs found in job postings that these two corporate initiatives are headed down the aisle of eternal matrimony.

Based on a recent study of over 3,000 internet job board postings, The Avery Point Group found that Six Sigma still outpaces Lean by a wide margin when it comes to desired skill sets. However, for those companies seeking Six Sigma talent, fully one-third are looking for practitioners to also have Lean expertise as part of their tool set. For companies seeking Lean talent the desire is even greater for candidates to also possess Six Sigma knowledge, with almost half of all Lean jobs posted requiring Six Sigma exposure. The merger between Six Sigma and Lean is also clearly evident for jobs posted at the very heart of Six Sigma's key leadership roles. Almost half of all companies seeking to specifically hire Master Black Belt and Black Belt talent required candidates to also possess Lean as a core part of their tool set.

When it comes to Six Sigma and Lean skill sets, it is becoming increasingly obvious that companies want to have their cake and eat it too. Furthermore, the study found that even though companies may not have a full-blown Six Sigma or Lean deployment underway, they highly desire talent that possesses both Six Sigma and Lean skills to be part of a candidate's DNA. Continuous improvement practitioners on either side of the aisle might want to sit up and take notice that this wedding is clearly underway.

For further evidence of this tryst, one only need look to published books. Six years ago books published on the combined topic of Lean and Six Sigma was virtually nonexistent. Today, however, they dominate the continuous improvement publishing landscape. Over the past two years alone, books published on the combined topic of Lean and Six Sigma represented almost half of the Lean books published and a quarter of the Six Sigma books published.

For some purists, this mixed marriage is viewed only with contempt; for others it is seen as a natural progression - the result of companies seeking to blend the best of both methodologies in order to remain competitive in today's global economy. Those that perpetuate the divide between Six Sigma and Lean are clearly missing the point. Core to both methodologies is the idea that challenges need to be approached with an open mind, because solutions can sometimes come from the most unlikely of sources. True Six Sigma and Lean practitioners will view this marriage with an open mind and realize that these are truly complementary tool sets, not competing philosophies.

About the Author:

Tim Noble is an executive recruiter and managing principal of The Avery Point Group, a leading national executive search firm providing functional expertise and executive search focus in the areas of Six Sigma, Lean, plant management, operations management, supply chain management and finance. www.AveryPointGroup.com

Author's Blog: <http://lean-sigma-insights.blogspot.com/>

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EMPLOYMENT SERVICES

Are you trying to fill an opening in your QA/QC group?

One of the most important services that we can provide to our members is assistance in finding employment, especially in today's economy when a lot of companies are downsizing. If your company is looking for quality professionals, please provide the pertinent information to **Mike McCarroll** at mccarroll@shapesilc.com and we'll post it on our web page at **NO CHARGE**. Although we'll also include the information in our next newsletter, the web page information will be posted almost immediately.

For current listings, check our website <http://section508.asqquality.org>

UPCOMING EVENTS

Bureau Veritas Training Services in South Jersey

Subject	Location	Date	Cost
Process and Added Value Internal Auditing	Cherry Hill, NJ	February 5-7, 2007	\$1,195
Process and Added Value Auditing – Advanced Auditing	Cherry Hill, NJ	February 6-7, 2007	\$895

For additional information visit www.certification.us.bureauveritas.com/training or call **800-937-9311, ext. 111**

WELCOME TO OUR NEW MEMBERS

The following new ASQ members have joined the Southern Jersey Section. As part of our Section's policy, the Executive Board would like to invite these new members to join us at the January Section Meeting. You'll have an opportunity to network with your colleagues – and your Dinner is **FREE**.

Craig Spooner Judson Vogdes

Southern Jersey Section Looking for Volunteers

As shown on page 7, the Section currently has openings on the Executive Committee for a Program Chair and a Section Management Program (SMP) Chair. If you're interested in getting involved or would like more information, please contact anyone on the committee as indicated on page 7.

<http://section508.asqquality.org>

2007 Delaware Quality Conference
INNOVATION, INTEGRATION & INVOLVEMENT
March 22-23, 2007 at the University of Delaware

The Delaware Quality Conference is sponsored by ASQ, Section 506 and Region 5, the Delaware Alliance for Excellence, and the University of Delaware, Professional and Continuing Studies

Visit the conference web site at www.udel.edu/dqc

New! Delaware Team Showcase

See how your team compares to the best...and receive feedback and recognition. Visit the conference web site at www.udel.edu/dqc or download an application form from

<http://www.continuingstudies.udel.edu/dqc/team/index.html>

WINTER 2006-2007 PROGRAM SCHEDULE

DATE	TOPIC	SPEAKER	LOCATION
Jan. 17, 2007	Integrated Lean Manufacturing and Six Sigma Joint ASQ / IIE Meeting	Frank Garcia	Quality Inn Maple Shade, NJ
Feb. 21, 2007	Demand Flow Fulfillment	JCIT	Quality Inn Maple Shade, NJ
Mar.	TBD	TBD	Adelphia Restaurant Deptford, NJ
April	Joint Meeting with SJMCA	TBD	TBD
May 15, 2007	Annual Section Recognition Night	Rick Litts	Adelphia Restaurant Deptford, NJ

EXECUTIVE BOARD FOR 2006 - 2007

A complete listing of the Section's Executive Board for 2006 – 2007 is provided below. Individuals interested in getting involved with Section Leadership activities may contact anyone on the Executive Board. The term of the Executive Board runs until June 30, 2007.

Position	Name	Telephone	E-mail
Section Chairman	Francois Thery	856-327-4800 X4147	francois.thery@arc-intl.com
Vice Chair	Roy Gaudet	856-339-7019	Royce.gaudet@pseg.com
Secretary	Dorothy Smolen	609-569-9255	Smolend@enroute-computer.com
Treasurer	Joy Young	215-535-3000	joyy@amuneal.com
Membership Chair	Sharry Masarek	856-489-9453	smasarek@transcat.com
Past Chair	David Cranston	856-224-1120	davecranston@hpsseals.com
Program Chair	VACANT		
Auditing Chair	David Cranston	856-224-1120	davecranston@hpsseals.com
Examining Chair	Mary Dodds	856-327-1540 X5280	Mary.dodds@alcan.com
Education Chair	Maureen Carrozza	215-451-8453	Mcarrozza320@comcast.net
Re-certification Chair	Pam Thompson	856-969-7222	thompsonpl@pinnaclefoodscorp.com
Internet Liaison	Earl Ward	856-489-9453	calibrationdude@comcast.net
Newsletter Editor	Tom Mudge	609-720-2539	Tom.mudge@wgint.com
Area Director (AC)	Dorothy Smolen	609-569-9255	Smolend@enroute-computer.com
Placement Chair	Mike McCarroll	856-662-5500	mmccarroll@shapesllc.com
Historian	Michele Bradbury	856-339-3385	Michele.Bradbury@pseg.com
Nominating Chair	George Napuda	856-678-7825	gnapuda@waterw.com
SMP Chair	VACANT		

Volunteer contact information is posted solely for the use of those individuals wishing to contact a section leader for more information about this section, ASQ, its programs, and/or services. Use of volunteer contact information for solicitation purposes is prohibited.