



# Newsletter



**FOX VALLEY SECTION**

**March, 2014**

## General Meeting

The next general meeting will be held on

**Tuesday, March 04, 2014 at:**

### Villa Olivia Country Club

1401 W. Lake Street

Bartlett, IL

630.289.1000

<http://www.villaolivia.com/>

**Please visit our website:**

<http://www.asq-foxvalley.org> for a map and directions to this meeting.

### Program:

- 5:30 - 6:00 Networking
- 6:00 - 6:30 Pre-Dinner Presentation
- 6:30 - 7:30 Dinner
- 7:45 - 8:30 After Dinner Presentation

## A Brief History – How/Why Surface Form Measurement Started (Pre-Dinner)

By Peter Ackroyd

## Surface Finish and Form Theory-A Common Sense Approach (After Dinner)

By Peter Ackroyd

### Menu:

- Soup du jour
- Chicken rosolo
- Twice baked potato
- Green beans
- Chocolate ice cream
- Cash bar
- Vegetarian option available

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## Program Details

### A Brief History – How/Why Surface Form Measurement Started

In the midst of the industrial revolution during the development of machine tools to produce components, form or geometry measurement (early relative of GD&T) was needed to ensure successful fitting of these parts into assemblies and smooth operation. Surface Finish was needed to control the set-up of the machine tools and—soon—the function of a particular surface.

### Surface Finish and Form Theory-A Common Sense Approach

Building on the pre-dinner topic we will continue the discussion from a metal removal standpoint to get a solid understanding of what surface finish and

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## Message from the Chair

Members & Colleagues,

I just recently attended the 6<sup>th</sup> annual Illiana Quality Conference. The conference was an excellent opportunity to learn quality tools and methodology, as well as network with colleagues. I thoroughly enjoyed the program. There were excellent keynote speakers and practical break-out sessions with hands-on workshops. This is a regional conference that should continue to be supported for providing education for businesses and individuals at a minimal cost. I would like to thank the Illiana section for hosting this event and look forward to next years' program.

Our section continues to be actively involved in the 2014 DuPage Area Engineers Expo. The Expo is an interactive event providing children and adults the opportunity to experience and explore the many fields of science and engineering, and to learn and gain a more understanding of the Engineering profession. The section is looking forward to participating in next years' event in 2015.

The Section Leadership Committee has a full staff, however we can always use some additional committee members for help and support. If you are interested in becoming actively involved, we can find a position or function to fit your interest. You are always welcome to attend any one of our SLC meetings. Please contact me or any of the other SLC members for information.

Our section continues to offer a wide range of Education courses for our members. Courses have been developed for the 2014 Spring term at the Waubensee Community College. On-site programs are also available at a discounted rate. Please contact Chuck Gates, Education Chair at [education@asq-foxvalley.org](mailto:education@asq-foxvalley.org) for further details. Please look over the course schedule in this newsletter.

I look forward to seeing you at our next Member Meeting at **Villa Olivia** on **March 4, 2014**.

Hector Rodriguez,  
Chair - Section 1208

630-947-6475

## ASQ Certification Programs

### NEW!!! ASQ Fox Valley Section 1208 Healthcare Segment

If you would like to join the healthcare committee, please contact Chuck Gates at [education@asq-foxvalley.org](mailto:education@asq-foxvalley.org)

### On-site Programs Available at a Discount Rate

Contact Chuck Gates at [education@asq-foxvalley.org](mailto:education@asq-foxvalley.org) for a proposal.

### Military Veterans and Active Military Receive a 50% Course Fee Discount

The discount applies to any course or workshop that is conducted by the ASQ Fox Valley Section 1208. Contact Chuck Gates at [education@asq-foxvalley.org](mailto:education@asq-foxvalley.org) for details.

*See page 5 for course schedule*

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## Job Submissions

Quality based jobs submitted to Fox Valley ASQ Section 1208 will be placed into the Fox Valley ASQ Section 1208 LinkedIn Group site. Membership in this LinkedIn Group is open to all Fox Valley ASQ Section 1208 Members. Join us to start discussions, ask Quality questions and post/view Quality based jobs submitted to us.  
[http://www.linkedin.com/groups?gid=388168&trk=my\\_groups-b-grp-v](http://www.linkedin.com/groups?gid=388168&trk=my_groups-b-grp-v)

## Accountability Group for Members in Transition

The Fox Valley ASQ Section 1208 LinkedIn Group is continuing to grow and jobs are listed in the group as they come from the group membership. Be sure to select the notify box in your preferences if you want email notices of Discussions & Jobs.

David McDonald is setting up an Accountability Group/Job Search Work Team in Winfield to start this November 2013. The Group will meet at Central DuPage Hospital Café. (Covered Parking, well lit and maintained, WIFI, lots of room, public access, central to the Fox Valley ASQ Section 1208 region, etc.)

Membership is open to unemployed and underemployed job seekers that want to stay motivated and on track in their job search. The benefit of an accountability group is that job seekers encourage and support each other to keep motivated and on task in what might otherwise become a very un-structured time. As a member of the group you set job search activities goals and objectives for the succeeding week and report on the results of the previous week. This could be viewed as an application of FOCUS PDCA to an unwelcome position of being unemployed/underemployed.

To join : Email David McDonald at [drmsbb@gmail.com](mailto:drmsbb@gmail.com) with your name, city/town, occupation, email address, telephone number and what time of the day you prefer to attend a meeting: Morning-Afternoon-Evening.

**Program Details from page 1**

form measures. Following that, we will spend time on surface function and how we can predict good function by applying surface finish and form parameters intelligently.

**Peter Ackroyd (Speaker)**

Peter has spent 30 years serving the Metrology Industry through Federal Products, Brown & Sharpe, TSK and currently Hommel-Etamic. He has worked in all disciplines of metrology, both tactile and non-contact and has specialized in Surface Texture and Form working on ANSI committees and speaking globally on these subjects.

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## ASQ Benefit for Unemployed Members

Unemployed ASQ members receive a discount on their membership dues based on consecutive years of membership.

If you've been unemployed for at least 90 days and are a Full, Senior or Fellow Member, you may qualify for a discount of between 50 - 100% of your dues.

To review the eligibility requirements, visit <http://asq.org/members/account/unemployment.html> (ASQ login and password needed to access this information). The *Unemployment Program Application* can be found at <http://rube.asq.org/members/leadership/mbrapp/unemployment.pdf> (member login and password also needed).

## 2014 WORLD CONFERENCE ON QUALITY AND IMPROVEMENT

THE GLOBAL IMPACT OF QUALITY

May 5 - 7, 2014 | Dallas, TX | [wcqi.asq.org](http://wcqi.asq.org)

The 2014 World Conference on Quality and Improvement offers attendees—no matter their industry or level of quality knowledge—a forum of ideas and an international network of thought leaders, experts, and peers eager to share best practices, tested solutions, and proven results.

Discover how quality can IMPACT your organization, career, and life through informative concurrent sessions, hands-on workshops, helpful case studies, expert speakers, and more.

Early-bird pricing is available through  
March 14, 2014!

[Learn more and register today at wcqi.asq.org.](http://wcqi.asq.org)



The Global Voice of Quality®

## Course Schedule for 2014 Spring Term at Waubonsee Community College

Course	Dates	Time
Project Management Fundamentals Workshop	Jan31	9:00 am to 3:00 pm
Lean Bronze Certification (LBC) Exam Review	Feb3, Feb10, Feb17, Feb24	6:00 pm to 9:00 pm
Certified Quality Auditor (CQA) Exam Review	Feb5, Feb12, Feb19, Feb26, Mar5, Mar12	6:00 pm to 9:00 pm
Certified Associate in Project Management (CAPM) Exam Review	Feb7, Feb14, Feb21, Feb28	9:00 am to 3:00 pm
Project Management Professional (PMP) Exam Review	Mar7, Mar14, Mar21, Mar28, Apr4, Apr11	9:00 am to 3:00 pm
Certified Quality Engineer (CQE) Exam Review	Mar19, Mar26, Apr2, Apr9, Apr16, Apr23	6:00 pm to 9:00 pm
Certified Six Sigma Green Belt (CSSGB) Exam Review	Apr3, Apr10, Apr17, May1, May 8, May15	6:00 pm to 9:00 pm

Contact Chuck Gates at [education@asq-foxvalley.org](mailto:education@asq-foxvalley.org) for details.

## 2014 Meeting Dates and Locations

Date	Location	Speaker	Topic
Tue., February 4, 2014	<b>Millrose Restaurant</b> 45 South Barrington Road South Barrington	Cecilia Clark	1. <b>The Foundation to a Meaningful Leadership</b>  2. <b>The Foundation to a Meaningful Leadership</b>
Tue., March 4, 2014	<b>Villa Olivia</b> 1401 W. Lake Street Bartlett, IL	Peter Ackroyd	<b>Surface Finish and Form</b>
Tue., April 1, 2014	TBA	Curt Wegner	<b>Dr. Deming's Theory of Management</b>
Tue., May 7, 2014	<b>St. Andrews Golf &amp; Country Club</b> 2241 Route 59 West Chicago	1. Mohammad Khan  2. Richard	1. <b><a href="#">Scholarships</a> Presentation</b>  2. <b>Improv for Better</b>

## Section Scholarship Program for 2014-2015 Announced

ASQ Section 1208 is now accepting applications for its 2014-2015 [Scholarship Program](#). A one-time scholarship will be awarded to the selected Nominee of the Section Scholarship, from conforming entries post-marked by 24-March-2014. See below for requirements and application.

### The ASQ Section 1208 Scholarship

A one-time Scholarship Monetary Award presented to one selected Candidate from the applications received from children and grandchildren of active Section 1208 members. This Scholarship program is open to graduating High School seniors and College students pursuing a college degree the next academic year at an accredited University or four-year College. See [Section Scholarship Notification \(2014-2015\)](#) for detailed information.

#### Terms of the Scholarship

- A one-time Monetary Award (presently \$2,000) for one selected Candidate.
- The Monetary Award is sent directly to the selected Candidate's University or College, after the selected Candidate is enrolled and starts attending classes.
- The Selected Scholarship Nominee should be a Graduating High School Senior or undergraduate College student, the child or grandchild of an active member of ASQ section 1208, and pursuing a college education the following academic year at an

## Fox Valley ASQ Section 1208 Spring 2014 Tour Caterpillar April 14, 2014

At Caterpillar Aurora Facility - U.S. Operations Division

The factory tour will cover Medium Wheel Loaders, Large Wheel Loaders, and Landfill Compactors. The assembly lines will not be running on 2nd shift, but there will be plenty of machines on the assembly line to view. The fabrication shop will be running limited areas, but there will be plenty of iron to view and our burn barn should be cutting plate steel.

- Tour will start promptly at 6:00 pm.
- Up to 50 attendees allowed, pre-registration required.
- Closed toe shoes required, slip on steel toe Shoes & Safety Glasses will be provided.
- Hosts will lead tour and provide commentary during walking tour, 6:00 to 7:50 pm.
- We have golf cars for tours if walking 2 miles is not feasible for some of the guests.
- Pizza and drinks in cafeteria after walking tour where John Kertesz (Aurora Quality Manager for Fabrication, Assembly, Paint, Test, IPV - In Process Validation) will speak to the group at 8:00 pm.

Address, directions to facility and parking information to follow in the registration page soon to be available on the Fox Valley ASQ Section 1208 website.

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accredited University or Four Year Degree College.

- Only completed applications with the required supporting documents, submitted as a complete package by the Candidate, will be considered for scholarship review.
- See [Section Scholarship Information \(2014-2015\)](#) for detailed information.

**Time Line**

- Student writes an essay and fills in the [application](#). Note that the application may be downloaded and filled in. Use a pdf reader or editor to fill in the blanks), and printed, or printed and filled in by hand, and then mailed, by the deadline, to:  
Scholarship Committee  
American Society for Quality Section 1208  
PO Box 88937  
Carol Stream, IL 60188-0937
- In late March, completed (only) application and document packages are compiled. Incomplete and late packages are discarded.
- In March and April the Scholarship Committee reviews the qualified applications and document packages.
- In late April the Scholarship Committee selects the Scholarship Candidate to whom the award will be presented.
- After the Scholarship Candidate is selected, the Scholarship Committee Chair informs the selected Candidate verbally and in writing. Note: As a condition for acceptance of the Scholarship, the Candidate is asked to give permission to print his or her essay on quality in the Fox Valley Section Newsletter and Web-Site, and to be released to local newspapers and other media at the discretion of the

Fox Valley Section 1208.

- The Scholarship Committee Chair invites the selected Candidate and her or his parents to attend the section meeting in May to be to be recognized by section members and awarded a Certificate of Recognition.

**Selection and Recognition Process**

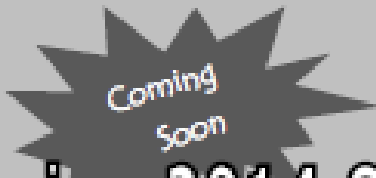
The Candidate is selected based on how well the Candidate excels on the criteria listed below in rank order of importance:

1. Article on Quality, minimum of 500 words on the importance of quality products and / or services to the future of our country
2. Volunteer Work
3. Extracurricular Activities
4. ACT and / or SAT Scores
5. Class Rank
6. Financial need
7. Recommendation Letter from an official of the Candidate's High School or College

**The Richard A Maass Memorial Scholarship**

A one-time Scholarship Monetary Award awarded each year to one selected Candidate from the recommended applications received from graduating seniors at **local** High Schools and from students at **local** Community Colleges in the Fox Valley section's area who are pursuing a college degree the next academic year at an accredited University or four-year College. All applications come through the schools. See your guidance councilor for more information.

Since its inception in 1990-1991 academic year, the Scholarship has been awarded every academic year to honor Richard A. Maass.



# Spring 2014 Quality Education Seminar

ASQ Milwaukee has provided high value education and training to the community for over 30 years.

**Time** 8:30am - 4:30pm each day  
**Dates** February 22, March 1, March 8, 2014  
**Location** Waukesha, WI at I-94 & WI-164 (MRA Bldg.)  
**Credits** 0.7 RUs or CEUs per day

With instructors from the community and feedback scores averaging greater than 5 out of 6, some past examples of classes include:

## Quality Systems

FMEA and Mistake-Proofing  
 Gage Calibration Systems  
 Gage R&R  
 Quality Systems: ISO 13485 Medical Devices  
 Quality Audits To Add Value  
 Supplier Quality and Use of PPAP  
 System and Process Audits

## Lean Problem Solving

A3 Problem Solving  
 FMEA and Mistake-Proofing  
 Kaizen & 5S Process  
 Non Statistical Problem Solving  
 Supplier Quality and Use of PPAP  
 Value Stream Mapping  
 Visual Management

## Statistical Methods

Statistics Made Easy  
 Advanced SPC Techniques  
 Application of Sampling Error  
 Data Analysis  
 Design of Experiments  
 Fundamental Statistical Methods  
 Statistical Decision Making Methods

## Other Skills

Time Mgmt, Prioritization & Organization Skills  
 A Fresh Look at Problem Solving using CQI-10  
 Building Your Reputation as a Quality Leader  
 Emotional Intelligence & Accountability  
 Motivated Ability Patterns  
 Project Management  
 Team Leadership and Team Management  
 Use of Facts and Data for Decision Making

For more details, content, and pricing, please visit our website at:  
[www.ASQmilwaukee.org](http://www.ASQmilwaukee.org)