



The Lighthouse

March 2005

Elyria/Lorain Section 814

Mission Statement

To advance community and member quality excellence through educational opportunities, non-competitive information exchange, networking, forming alliances and leadership growth



Table of Contents

<i>Chair's Message</i> _____	<i>1</i>
<i>Leadership Training</i> _____	<i>1</i>
<i>March 9th Meeting</i> _____	<i>1</i>
<i>Certification Training Classes</i> _____	<i>2</i>
<i>Your Executive Committee</i> _____	<i>3</i>
<i>Placement Section</i> _____	<i>3</i>
<i>Quality Humor</i> _____	<i>4</i>
<i>Events Calendar</i> _____	<i>5</i>
<i>Certification Calendar</i> _____	<i>6</i>

Chair's Message

Q: What do a rainbow, Rembrandt's palette and the fiber optic telecommunications system have in common?

A: Come to the Elyria-Lorain ASQ meeting on Wednesday, March 9 and find out!!

This meeting is open to spouses/significant others, friends and children (with parents)!

Teams are always seeking an edge. Your child's basketball or soccer team, businesses, work groups and professional athletes are all trying to find keys to success. What enabled General Electric to become the largest capitalization on Wall Street? What enabled the Chicago Bulls to win six NBA championships?

Come to the Elyria-Lorain ASQ meeting on Wednesday, March 9 and we will explore this.

To be sure, talent, hard work, technology and efficiency are certainly a part of achieving success. John Maxwell believes that the difference between two talented teams is leadership. With good leadership, everything improves. Remember, LEADERS ARE LIFTERS. They creatively push their teammates out of the box. They elevate the performance of everyone è making them better than they have ever been before. They bring out the best in others. After learning about Spectroscopy for Kids (or adults who can act like kids) we will learn more about how to find an edge for your team (video-discussion format).

Leadership Training

Your ASQ section is taking the edge even farther. **On Friday, April 1st, we will be offering two courses in leadership training.** The first offering, "Who moved my Cheese?" will help you to discover how to deal with change. The second offering, "Emotional Intelligence" will help you develop and apply five emotional competencies to bring more creativity, energy and intuition into your world.

Look for more details inside

Yours in Quality and Innovation,
Marc Kelemen, CQM
Section 814 Chair

March 9th Meeting (6:00 PM)

Our March 9th meeting, at Holiday Inn Midway Mall at 6:00 PM, will feature

Spectroscopy for Kids

(and adults who can behave like kids for at least 1 hour)

by Dr. Kenneth Street

This meeting is open to spouses/significant others, friends and children (with parents)!

Presenters: Roy G. Biv, his evil nemesis, Dr. Vib Gyor, and noted sidekick, Sara

The distinguished Roy G. Biv is a spectroscopist - can you say spectrscospopituitssst? A spectroscopist deals with the many types of actions between light and matter. While in his (her) job, these actions involve complex instruments and often rely on advanced mathematics, physics, and chemistry. However, many of these actions occur about us every day and are readily observed by us on a daily basis.

In spectroscopy, there are 2 big questions 1) What is it? and 2) How much is there?

In the presentation we will go from Kindergarten through about the 6th the grade. We will learn interesting acronyms like how to remember the colors of the rainbow and in correct order! We will disperse white light and learn why green is green and red is red (there is homework for this so you had better come early!) Mr. Biv will then present his famous exhibition of Spectroscopy Art!

In closing, Dr. Gyor shows other exciting thing like fluorescence, phosphorescence, and, while electrifying the audience, atomic spectroscopy in a light bulb. There will be a laser safety lecture (must have a safety demo in every good lecture, although the quiz is only for adults in the audience - take this as an important clue). Vib will also tie light in a knot and make things disappear before your very eyes.

This show is available to local schools, public libraries and virtually anyone interested in teaching the kids something educational that deals with the SAS. If you know some teachers that would like to have this show come to their school, contact Ken Street (cheesy front man for Roy and Vib) at (216) 433-5032 or kenneth.w.street@nasa.gov

Dr. Kenneth Street received his undergraduate degree in chemistry form the University of Connecticut in 1970. He has also received graduate degrees in analytical chemistry form Cleveland State University in 1973 and a PhD from Wayne State University in 1977. After a postdoctoral position at the University of Cincinnati he held positions at Loyola University of Chicago and Kent state University. Since 1989 he has worked at NASA Glenn Research Center, as the Chief of the Chemical Sampling and Analysis Laboratory and currently as a senior scientist in the Tribology and Surface Sciences branch where he performs research on lubricants and runs a micro spectroscopy laboratory. He has authored over 60 technical publications, and has presented over 100 papers at scientific meetings. He served for over a decade on the Editorial Board of Analytical Letters has reviewed manuscripts for many major journals. Ken has received numerous awards form NASA. He currently serves as an officer in the Cleveland sections of the American Chemical Society, The Society for Applied Spectroscopy and Sigma Xi, The Scientific Research Society. In his spare time he masquerades as Dr. Roy G. Biv and/or Vib Gyor teaching spectroscopy to kids!

Certification Training Classes

CQE I am in the planning stages for a CQE class and need some students. The class will be held on Tuesdays starting on April 12th at LCCC from 6:00 PM to 9:00 PM for 8 weeks. [Contact Michael Haessly at the e-mail below if you are interested.](#)

In order for a class to be held we need to have a minimum of 6 students and we especially need your advanced commitment to attend the class. All to frequently we find out that people are interested at the last minute and unfortunately the classes have to be canceled. Help us help you by telling us if you are interested in attending the class early. Also help us advertise the class to others in your company and other professionals that you know. See the schedule below.

The deadline for registering for the test with ASQ Headquarters is April 1st, 2005

Your Executive Committee

Position	Name	e-mail
Chair /Program Chair	Marc Kelemen	Mjk99@earthlink.com MarcP.Kelemen@energizer.com
Vice Chair/Education Chair	Michael Haessly	Haessly@myepath.com
Secretary/Treasurer	Mark Murphy	Mark.murphy@sunmed.com
Recertification Chair	Thomas Copeland	Thomascopeland@adelphia.net
Newsletter Editor/Internet Liason	Michael Haessly	Haessly@myepath.com

Placement Section - Current Opportunities

Referred by: Michael Haessly - 440-725-1022

Position	Location	Contact
Quality Engineer	Anchor Manufacturing Cleveland	Human Resources Fax: 216-265-7951 12200 Brookpark Rd. Cleveland, OH 44130
Quality Assurance Inspector	Alloy Engineering Berea	employment@alloyengineering.com
Quality Engineer	Royal Appliance Solon	Gerri Jeffrey 7005 Cochran Road Glenwillow, OH 44139 resume@royalappliance.com
Quality Systems Engineer	Turbine Engine Components Technologies Corp Cleveland	Gregory Campbell 23555 Euclid Ave Cleveland, OH 44117 gcampbell@tectcorp.com
Quality Control Inspector	NATIONAL MACHINE COMPANY Stow	hr@nationalmachinecompany.com NATIONAL MACHINE COMPANY Human Resources 4880 Hudson Drive Stow, OH 44224 Fax 330-688-4945
Quality Engineer	Bettcher Manufacturing Cleveland	Human Resources 16000 Commerce Park Drive Cleveland, OH 44142 vdepiore@bettcherllc.com
Quality Supervisor	CAMACO Manufacturing Group Lorain	Karin Mayfield Fax: 440-288-4470 Lorain, Ohio 44052 kmayfiel@lorain.camacolc.com

Quality Humor

Author: Bruce White <bruce.whiteNOSPAM@usa.net>

A statistician is someone who loves to work with numbers but doesn't have the personality to be an accountant.

How do you save a drowning statistician? Take your foot off his head. (Oh, sorry, that should be how to save a drowning lawyer.)

The rest of these are jokes I wrote and delivered to a group of statisticians. I don't ask for cash--credit is fine. ;-) (Caveat--frequently, my aim in telling a joke is not laughter, but groans.)

What do you call a statistician on drugs? A high flyer.

How many statisticians does it take to change a lightbulb? 1-3, $\alpha = .05$

There is no truth to the allegation that statisticians are mean. They are just your standard normal deviates.

Did you hear about the statistician who invented a device to measure the weight of trees? It's referred to as the log scale. -

Did you hear about the statistician who took the Dale Carnegie course? He improved his confidence from .95 to .99.

Why don't statisticians like to model new clothes? Lack of fit.

Did you hear about the statistician who was thrown in jail? He now has zero degrees of freedom.

Statisticians must stay away from children's toys because they regress so easily.

The only time a pie chart is appropriate is at a baker's convention.

Never show a bar chart at an AA meeting.

The last few available graves in a cemetery are called residual plots.

Old statisticians never die, they just undergo a transformation.

How do you tell one bathroom full of statisticians from another? Check the p-value.

Did you hear about the statistician who made a career change and became a surgeon specializing in ob/gyn? His specialty was histerectograms.

The most important statistic for car manufacturers is autocorrelation.

Some statisticians don't drink because they are t-test totalers. Others drink the hard stuff as evidenced by the proliferation of box-and-whiskey plots.

Underwater ship builders are concerned with sub-optimization.

The Lipton Company is big on statistics--especially t-tests.

A husband and wife, both statisticians, had the misfortune of passing away within a day of one another. They had always planned to be buried side by side. Unfortunately, the funeral home got them mixed up with another husband and wife with similar wishes. This became known as the first case of split-plot confounding.

Events Calendar 2005

Elyria-Lorain Section 814 ASQ: 2004-05 Event Schedule

Item	Date	Day	Venue	Starts	Organizer	Assist.	Speakers-topics	MaxWell	AAO Stats
EC	13-Jul	T	D&B	530 PM	Marc K		Calendar, SMP, SOA, CD's, Vote on CTSC	n/a	n/a
EC	26-Jul	M	D&B	530 PM	Marc K		Confirm dates and calendars, approved SOA	n/a	n/a
EC	5-Aug	R	Elyria MFG	530 PM	Mike R		SMP review, business plan, Confirm dates and events	n/a	n/a
Reg	25-Aug	W	E-HI	530 ?	Marc K		Section Calendar Kick Off; Networking	Law # 10	Ep # 8
CTSC	14-Sep	T	Great Lakes		Marc K	Mark M	Collaboration meeting with ACS, AIChE, IEEE, ASM, ASME	n/a	n/a
Reg	15-Sep	W	E-HI	6:00 PM	Marc K	Mike H	Ron Harmon: Thinking Statistically	Law # 11	n/a
Tour	16-Sep	R	Bonne Bell	1-2 PM	Roy D	Kim, Tom	Bonne Bell tour (Westlake) Adv Reservation reqd	n/a	n/a
Civic	1 Sept - 1 Nov				Kim S		ASQ-LifeShare Blood Drive	n/a	n/a
EC	29-Sep	T	Elyria MFG	530 PM	Mike R	Marc K	Submit SMP + Budget to natl; Finalize Dec 8	n/a	n/a
Class	5 Oct +	T	L-3-C		Mike H		CQE class: Oct 7-Dec 2 (Tues)	n/a	n/a
CTSC	12-Oct	T	Flat Iron		Marc K	Mike H	Board of Governors @ Flat Iron	n/a	n/a
Reg	13-Oct	W	E-HI	6:00 PM	Mark M		Ken Murphy: Poka Yoke: Improving quality through innovative error proofing	Law # 12	n/a
Civic	23-Oct	Sat	CSU	2:00 PM	ACS	AIChE	Galileo Players at Cleveland State University	n/a	n/a
Reg	10-Nov	W	E-HI	6:00 PM	Marc K		Steve Pettyjohn: ASQ & HealthCare	Law # 13	n/a
Reg	8-Dec	W	D&B	630-1030	EC		Winter Network; Team Building Mission @ D&B	n/a	n/a
Class	Jan-Feb	R	LCCC	6:00 PM	Mike H	Marc K	CQT class (Underway)	n/a	n/a
Workshop	27-Jan	R	Winery	530?	Tom C		Quality Practicum (RU's) @ J.Christ Winery	n/a	n/a
Reg	12-Jan	W	E-HI	6:00 PM	Marc K		Mike Crossen aka Mr. Pareto Head	Law # 14	
EC	1-Feb	T	Elyria MFG	530 PM	Mike R	Marc K	05-06 Strategic Development		
Reg	9-Feb	W	E-HI	6:00 PM	Kim S, Mike R		Kim Shumyla: Current Good Manufacturing Practices; Lynn DuPuy: QS-ISO-TS; Mike R: Lean Interactive	n/a	n/a
Reg	9-Mar	W	E-HI	6:00 PM	Marc K	SAS- NASA	Ken Street (NASA+SAS): Spectroscopy For Kids and Adults That Can Behave Like Kids	Law # 15	
Workshop	1-Apr	Fri	Beckett	8 hrs	Kevin Z	Marc K	Who moved my cheese? AND Emotional Intelligence	n/a	n/a
Class	Spring	S			Mike H		Six Sigma Black Belt and/or CQA Class	n/a	n/a
Workshop	Spring	Sat			Mike R	Mark M	Quality Practicum (RU's) @ Brew Kettle	n/a	n/a
Workshop	Spring				Mike H		LEAN-- Practical application	n/a	n/a
Reg	13-Apr	W	E-HI	6:00 PM	Marc K		Dr Steven Eppell (CWRU): Hierarchical Learning Teams (joint w/ JCU)	Law # 16	
Tour							TBD	n/a	n/a
Reg	11-May	W	E-HI	6:00 PM	Marc K		Thomas Love (CWRU) Multivariate Control	Law # 17	n/a
w/ASME	19-May	R	CWRU-MFL		Marc K	J.Stearns	Micro-Fabrication Lab & "Nano-technology"	n/a	n/a
EC									
Workshop	TBD		L3C ?		Mike H		4 Hr: "Marketing Yourself to Future Employers"	n/a	n/a
Reg	8-Jun	W	Hi meadow	530 ?	Marc K		Picnic: Saturday ??		
Next	class		community		workshop			rev 2-14-05	

Certification Calendar 2005

Elyria/Lorain Section 814

Certification/Exam Dates

Classes are always offered in conjunction with the certification and require a minimum of 6 students.
If less than 6 students register for a class it may be canceled.

Exam Date	March 5, 2005 January 7, 2003	June 4, 2005 April 1, 2005	October 22, 2005 August 19, 2005	December 3, 2005 October 7, 2005
Registration Date	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Mechanical Inspector Certification (CMI)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Auditor Certification (CQA)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Auditor Certification-Biomedical (CQA-Biomedical)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Auditor Certification-HACCP (CQA-HACCP)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Engineer Certification (CQE)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Improvement Associate Certification (CQIA)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Manager Certification (CQM)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Quality Technician Certification (CQT)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Reliability Engineer Certification (CRE)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Six Sigma Black Belt Certification (CSSBB)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Software Quality Engineer Certification (CSQE)	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Calibration Technician Certification (CCT)	XXXXXX	XXXXXX	XXXXXX	XXXXXX

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MEETING: March 9th, 2005