



The Lighthouse

April 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



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Chair's Message

As Illinois and UNC can attest, when you are winning, noting hurts. Marketeers are always searching for the next killer application that will guarantee winning for their companies. We all know, that guaranteeing the quality of our products and services can go along way toward delighting our current and future customers. We have learned that quality can not be "inspected in". I am delighted that all our candidates that took the refresher course and the test passed the CQT exam last month.

Learning individuals and learning organizations are the way of the future. Learning is truly a life-long process. In our vernacular, we call it continuous

improvement. At our April 13th meeting, Dr Steve Eppell (CWRU) will discuss his work with Hierarchical Learning (in a joint effort with John Carroll University). We will also discuss John Maxwell's Teamwork Law #16, the Law of Morale.

Come join us as we celebrate the opening of baseball season.... The end or a record setting winter on America's Great North Coast!! I look forward to seeing YOU at our future activities!

Yours in Quality and Innovation,

Marc Kelemen, CQM

CQE Training

A CQE Certification Course is being held starting April 12th. You still have time to register for the class as well as register for the test. **The deadline for registering for the exam has been moved back to April 22, 2005.**

- To register for the exam contact ASQ Headquarters. Login to: <https://secure.asq.org/ecommerce/certuser/login.jsp>
- To register for the class contact Michael Haessly at haessly@myepath.com or call 440-725-1022

See the certification brochure at: http://www.asq.org/cert/pdf/general_brochure.pdf

April 13th Meeting (6:00 PM)

Our April 13th meeting, at Holiday Inn Midway Mall at 6:00 PM, will feature

**Dr Steven Eppell (CWRU):
Hierarchical Learning Teams
(joint w/ John Carroll University)**

Steven J. Eppell - Biography
Associate Professor of Biomedical Engineering - Case Western Reserve University
Wickenden Building, Case Western Reserve University, Cleveland, OH 44106

RESEARCH INTERESTS: (1) Fabrication and analysis of biomimetic nanocomposites; (2) atomic force microscopy of molecules, molecular assemblies, and skeletal tissue cell membranes; (3) high speed high resolution near-surface force field mapping; (4) cellular biomechanics; (5) optimization of research working groups

EDUCATION AND APPOINTMENTS

1980-1984 Carleton College, Northfield, MN; B.A., Physics
1984-1991 Case Western Reserve University, Cleveland, OH; Ph.D., Physics
1991-1994 Research Associate, Case Western Reserve University, Biomedical Engineering
1994-1996 Facility Coordinator, Center for Cardiovascular Biomaterials, Case Western Reserve U.
1994-1997 Senior Research Associate, Case Western Reserve University, Biomedical Engineering
1995-1996 Research Consultant, Nyma Corp., NASA Lewis Research Center
1997-2004 Assistant Professor of Biomedical Engineering, Case Western Reserve University
2004-present Associate Professor of Biomedical Engineering, Case Western Reserve University

HONORS, COMMITTEES AND ADVISORY BOARDS

2004 Officially recognized by one or more graduating seniors as having had an impact on them
2004 Nominated for J. Bruce Jackson Award (for excellence in undergraduate mentoring)
2000 Selected for Who's Who Among America's Teachers
2000, 2003 Nominated for Diekhoff Teaching Award (for excellence in graduate teaching)
1999-2005 Co-chair, Microscopy & Microanalysis Symposium on Biomaterials
1999 Glennan Fellowship Award for Young Teacher/Scholars
1999, 2003 Nominated for Wittke Award (for excellence in undergraduate teaching)
1998 Chair, BMES Meeting session on "Analysis and Modification of Polymer Biomaterial Surfaces"
1996 President's Award, Scanning Microscopy

RECENT PUBLICATIONS

S. J. Eppell, W. Tong, J. L. Katz, L. Kuhn, M. J. Glimcher, "Shape and Size of Isolated Bone Mineralites Measured Using Atomic Force Microscopy," *Journal of Orthopaedic Research*, 19, No. 6 (2001) 1027-1034.

W. Tong, S. J. Eppell, "Control of Surface Mineralization Using Collagen Fibrils," *Journal of Biomedical Materials Research*, 61, pp. 346-353 (2002).

W. Tong, M. J. Glimcher, J. L. Katz, L. Kuhn, S. J. Eppell, "Size and Shape of Mineralites in Young Bovine Bone Measured by Atomic Force Microscopy," *Calcified Tissue International*, 72, No. 5, pp. 592-598 (2003).

B. A. Todd, J. Rammohan, S. J. Eppell, "Connecting Nanoscale Molecular Images of Proteins with their Genetic Sequences," *Biophysical Journal*, 84, No. 6, pp. 3982-3991 (2003).

B. A. Todd and S. J. Eppell, "The inverse problem of scanning force microscope force measurement," *Journal of Applied Physics*, 94, No. 5, pp. 3563-3572 (2003).

B.A. Todd and S.J. Eppell, "Probing the Limits of the Derjaguin Approximation with Scanning Force Microscopy," *Langmuir*, 20, No. 12, pp. 4892-4897 (2004).

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/Treasuer	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

Auditing Humor

You know you're a real auditor when...

New! You have the family org chart posted on the refrigerator

New! Your kids have a training matrix show what must be accomplished in order to reach their next birthday!

You ask to see the Gage R&R before you allow your blood pressure to be checked

You consider yourself well dressed if your socks match

You buy your spouse the complete set of ISO 9000:2000, or the AIAG Supplier Seven Pack

You can write and talk at the same time, use ergonomic pens, but still get writer's cramp

You have a non-ISO/QS vocabulary of 800 words

You have a checklist for everything

You can cite the ISO 9001 standard and the QS-9000 requirements, right down to the sub-clause, but not your own shirt size

You issue nonconformities to everyone including hotels, airlines, restaurants, rental car agencies, your paperboy, etc. Whether you are auditing them or not

You say, "How do you know that?", "Do you have any objective evidence to support that?" When all they say was, "Gee, isn't it a nice day?"

You speak and they get the feeling that they're having a conversation with the IRS or Detective Columbo

You can read any and all documents upside down and right to left

You know the ABC's of compromise from A to B

Your briefcase contains a Phillips screwdriver, a copy of both ISO 9001:1994 and ISO 9001:2000, a copy of QS-9000, half of a peanut butter sandwich and a Snicker bar

You really don't find any of the above all that funny!

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 req'd	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 nat'l; Finalize Dec 8		
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 (RUs) @ 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	Beckkett	8 hrs	Kevin Z	Marc K	Who moved my cheese? AND Emotional Intelligence	n/a	n/a
Class	Spring	S			Mike H		CQE class: Starting in April	n/a	n/a
Workshop	Spring	Sat			Mike R	Mark M	Quality Practicum (RU's) @ Brew Kettle	n/a	n/a
Reg	13-Apr	W	E-HI	6:00 PM	Marc K		Dr Steven Eppell (CWRU): Hierarchical Learning Teams (Joint w/ John Carroll University)	Law # 16	
Tour							TBD	n/a	n/a
Reg	18-May	W	E-HI	6:00 PM	Marc K		Thomas Love (CWRU) Multivariate Control (note date)	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	Sat	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

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

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MEETING: April 12th, 2005