



CHAIR'S MESSAGE By Ann McDonald

As the new section chair, I could not be more excited about the year ahead but I'm also aware of the significant implications of our upcoming political and professional choices. Few doubt that the outcome of the upcoming presidential election will change the world. During times of economic depression, the quality profession must perform at its highest professionals standards, lest positions are eliminated or other resources reduced. Therefore, leadership in quality organizations is responsible for providing optimal education and other member services to facilitate those standards being met. Both the national headquarters and the Princeton section have an optimal combination of new and experienced leadership. Here in Princeton we have members of the E-board with great new ideas and visions. In addition, we are in an enviable position, having members reaching out frequently asking to help support the section.

You will soon be hearing about some new plans for the website, dinner meetings and education courses. Another important change is that our standard communication will be distributed electronically following this newsletter. Since this includes newsletters, meeting notices, education bulletins, if you want to continue to receive hard copies of our standard communications, you will need to go to the ASQ Princeton website regularly and download the communication.

There are great changes coming from our education committee. You will begin to see courses for members beyond the existing recertification review courses and we are exploring developing a new education partnership with Rutgers University. This will allow us to expand instructors, the scope and available sites for courses. The new courses will be offered through a broad variety of new partners with constantly expanding topics. Although the recertification review courses won't

change, they will be made better as we track and respond to course pass rate data. The bad news is Adnan Kadiri our education chair, has gotten a great new position in NY and has had to relocate. We are very lucky to have had an offer by Philip Kartonis to become the Chair of the Education Committee. But he needs help to implement a full range of educational opportunities with an expanding number of partners. If examining and figuring out ways to meet the educational and inspirational needs of members appeals to you, let me know. In addition, if there are courses or specific content any member would like to see included in a course, please send a note through the website to either myself or another E-board member.

I do want to tell you about a specific education opportunity that will be coming up in January. We have made a commitment to do projects with sister organizations such as ASQ Food Drug & Cosmetic Division

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TREASURER UPDATE

By Richard Herczeg – Section Treasurer

On July 25, 2008, the audit committee successfully completed the 2008 fiscal year audit!

ASQ Treasurer & Auditing Committee Guidelines 4.5.4.1 thru 4.5.4.8.were used to conduct the detailed audit. ASQ HQ received our financial report approx. 2 weeks prior to the August 15, 2008 deadline. Below was the sections financial status at the closure of the 2008 fiscal year audit.

Summary:

Fund Balance June 30th '08:

Previous Fiscal Year Fund Balance:	\$55,960.13	Checking Account Register:	\$21,006.74
Add: Total Revenue ending June 30 th '08	\$37,070.40	Certificate of Deposit:	\$32,373.65
Subtract Total Expenses ending June 30 th '08	\$36,563.31	Accounts Receivable:	\$ 2,875.00
Ending Fund Balance June 30 th '08:	\$56,467.28	Equipment (net book value):	\$ 211.89
		Ending Fund Balance June 30 th '07:	\$56,467.28

I would like to personally thank the below members of our audit committee in leading what was a smooth and eventless audit.

Bhavani Veerapaneni (Financial Audit Chair)
 Ann McDonald (Section Chair)
 Eduardo Heidelberg (Past Section Chair)
 John Koellisch (Secretary)
 Richard Herczeg (Treasurer)

Finally, the 2007/2008 year marked the first time our section accepted credit card payments for registration during conferences, dinner meetings, and education courses. In 2008/2009 we have expanded our program to include the acceptance of AMEX and the ability for our members to register and pay for dinner meetings, conferences and courses via a secured on line registration site!

CHAIR'S MESSAGE (cont'd from p. 1)

and Parental Drug Association Metro Chapter. This will allow us to expand the resources and opportunities available for our members. Our first combined project will be a one-day conference on January 8 that explores quality topics of interest to the pharmaceutical industry as well as others. It will be held at the Ramada Inn in Somerset and include 5-6 speakers from both private and governmental regulatory agencies with a tuition rate of \$275.00. I encourage you to watch for the announcements and see if this conference is able to answer questions for you.

This fall we will be bringing up a new website that will be improved and expanded. One example of the ideas we are exploring is adding a page for posting consulting opportunities in the same way we post employment opportunities. The placement chair has a variety of ideas on how to market our website to employers as our membership is the most valuable asset to any employer. We will make sure there are strategies for you to contribute ideas and feedback.

There is an aspect to my chairmanship I want to share with you. My professional travel schedule prevents me from attending the tours or dinner meetings. Please do not use this as a barrier to sharing your ideas and suggestions. My email and cell phone are equally effective. I appreciate your patience. It will be nice to meet as many of you as possible.

A SUSTAINABLE ORGANIZATION

By Ann Mc Donald – Section Chair

For my cover article of this newsletter, I talked about how lucky we are as a section that our members are so involved and we have volunteers offering to help. I reach out to you again to discuss the concept of a sustainable organization and succession planning.

Some of our leadership group has long been committee chairs, frequently functioning as a committee of 1 to complete a monthly task and for which they receive a recertification credit. Not to mention losing the organizational knowledge, I worry about them burning out and losing them from the leadership team when family and professional obligations create increased stress.

What I am going to propose is that we create a sustainable organization by providing committee chairs at least 1-2 support volunteers who would consider replacing that committee chair during the next fiscal year. Committee members who help implement the role of the committee streamline the transition into the chairman's role and understand more about the section and how it functions.

For those members who have remained outside of the leadership team, our committee structure includes Education (currently being chaired by Adnan Kadiri and being transitioned to Philip Kartonis, supported by Cindy Keller), Program (chaired by Armand Mintancian and supported by Tonianne Mizzi), Placement (chaired by Ajitha Gadangi and Neilinder Chahal), Webmaster (Alok Shah), Membership (chaired by Peter Sheren), Certification (chaired by Jill Vila), Recertification (chaired by Alkesh Amin), Scholarship (Christine Andreas), Newsletter (chaired by Amy Ceden and supported by Jade Chin, Adriana Rozo-Angulo, Fred Goodman, Harry Anderson) NEQC/SAC/DAC Liaison (Bill Eventhoff) and Nominations (Eduardo Heidelberg). The rest of the leadership team is made up of 3 Vice Chairs: Bhavani Veerapaneni, Jitendra Balar, and Fred Lutz, John Keollish is Secretary and Richard Herczeg, Treasurer. The committees that we need urgent support are Recertification and Membership. Both of these have been long-term (>5 yrs) committees of 1 and need to transition off for a while. For example, Peter Sheren describes his Membership responsibilities as taking 2

-3 hours/month and including:

- 1) Membership Lists - Down loading, filing, review / clean up and emailing to mailer
- 2) Generating monthly report and updating the membership summary sheet
- 3) Printing and mailing new member welcome letters and dinner certificates
- 4) Writing a quarterly newsletter article (1 hour/quarter)
- 5) Answering questions from new members/potential members (as required)

Anyone interested in volunteering for one of the listed committees or interested in either the recertification or membership chairmanships, please email me at ann.mcdonald@asqprinceton.org

57th NEQC Conference

Theme: World Class Transformation: Excellence – Economics – Education

Location: Best Western [Royal Plaza](#), 181 Boston Post Road West (Rt. 20 West) Marlborough, Massachusetts

Program Overview:

5 Pre conference seminars on Oct 13, 2008

5 Post conference seminars on Oct 16-17, 2008

Conference with Banquet on Oct 14-15, 2008

4 Keynote Speakers

40 Sessions during two days (4 tracks each day): Lean Six Sigma, Tools, Software, Special/Medical/Healthcare, Management System, People, and Reliability

Special Items: 60th year anniversary dinner banquet included in the registration

MEMBERSHIP REPORT

By Peter Sheren— Membership Committee Chairperson

*EORO—
Each One
Reach One*

June

Frank Abatangelo
John Ahimovic
Arnel D. Dimatulac
Douglas Fulton
Lori J. Joyner
Joseph F. Kreder
Jeffrey Lee
Edith Lewis-Rogers
Mercy J. Nedumpara
Jacqueline Redington
Ajay Saini
Katherine Zeng

Do you have a story you would like to share with the Princeton Section? If so, contact PrincetonASQ@yahoo.com.

As of August our section membership role stands at 731 paid individuals. Included in this total were 383 regular, 317 senior, 5 fellows and 11 students.

The Princeton Section would like to recognize the following new and transfer members joining our section over the last several months.

You know the value your membership in ASQ has created for you in the quality profession. Education, conferences, professional certification, literature resources and networking are among the many benefits of ASQ membership.

Why not share the experience with someone you know?

Many of your fellow Princeton Section members are already doing just that by participating in the Each One, Reach One (EORO) referral program. It's easy. Begin by logging on to the ASQ web site using your login and password.

In the upper right side of the page click the box titled Refer a Member. The next page has a referral section to enter a name and email. After clicking Send, an email is sent inviting the individual to join ASQ. If you would prefer to use a printed application, it is available though the web site link.

Either way if they do join, you will receive 5 ASQ Bucks which you can use or accumulate to apply towards books, seminars, certifications and dues. Get your company site or the entire enterprise to join and receive 120 or 1000 Bucks!

July

Lisa A. Brady
Beverley Denobriga
Aurora Hill
Deborah D. Keen
Sermattie Lall
Ronald Michel
Joseph M. Pomrunk
Anna Marie K. Ross
Imebet Stewart
Moritz Tjetjep
Nancy E. Tomoney

August

Grace Breen
Robert C. Brennan
Maurice Brinson
Carl Budson
Gurbachan Chadha
Kevin D. Fitzpatrick
Al Gonzalez
Philip C. Kartsonis
Nancy Kerins
David Kook
Radhakrishnan Mahalingam
Peter G. Miller
Brian K. Minnich
Sunil Naware
Deanna Obuch
John P. Pianelli
Andrew J. Sanchez
Caroline D. Schwartz
David B. Steele
Guiomar A. Vergara-Lobos
Michael Viscido
Gavin M. Warnes
James D. Werner
Robert E. Willey Jr.
Dwayne N. Woods

THE EDWIN SHECTER MEMORIAL SCHOLARSHIP

By Christine Andreas, Scholarship Chairperson & Alice Krumenaker, Scholarship Recipient

The opportunity to continue one's professional development sometimes takes a back seat in our already busy lives to other conflicting priorities and sometimes, financial resources to allow participation in courses and training. The Princeton Section offers an annual scholarship in memory of Edwin Shecter who was always encouraging individual professional development to better one's opportunity of succeeding in a competitive business world.

In 2007-2008, we awarded the scholarship to Alice Krumenaker. I asked Alice to give us an update on how she would be using the scholarship so that it might provide incentive to other members of the Section to consider applying for 2008-2009.

From the 2007-2008 Scholarship Recipient...ALICE KRUMENAKER

As the 2008 recipient of the Edwin Shecter Memorial Scholarship, I am honored to be chosen for this award. I believe this is a wonderful opportunity to continue my education while keeping the memory of Edwin Shecter alive.

Recently, my job responsibilities changed from a focus on lab instrumentation metrology to site process improvement. In my new role, leadership skills and operational excellence are necessary, so I am using the scholarship to attend the Manager of Quality/Operational Excellence refresher course offered by the Princeton Section of ASQ. Through this training, I am hoping to expand the quality knowledge I gained in training for Process Analyst certification and develop new skills that will make my process improvement projects more effective. The timing of this opportunity is perfect because process improvement requires me to discover areas in need of improvement, to gain support in initiating these changes and to lead cross functional teams – all of which are part of this training. Upon completion of this course, I plan to take the Manager of Quality/Operational Excellence certification

To be eligible, you must be a member of the Princeton Section and provide a copy of your curriculum vitae and an essay describing your reasons why you are the most qualified individual to receive this award. Alternately, if you are nominated for the award by another person, this person must submit an essay describing their relationship to you and why they believe you are the most qualified candidate.

Criteria used by the selection committee may be found on the website at www.asqprinceton.org. The recipient may still use the scholarship to attend one of the Princeton-Section sponsored courses **or** the recipient may use the scholarship to take a quality-related course offered by another organization. The amount of the scholarship is \$500. The scholarship recipient will be announced at the June 2009 dinner meeting. **The application deadline is April 30, 2009.**

REPORT ON THE INTERNATIONAL APPLIED REALIABILITY SYMPOSIUM (ARS-08) Reno, NV, June, 2008 By David Verbitsky, PhD, CQE

This article briefly describes the author's impression of ARS-08, which he recently attended and made a presentation. ARS is one of the major, new annual technical forums in the field of reliability, safety, and maintenance of a broad range of equipment organized by ReliaSoft Corporation and the System Reliability Center (SRC). About 297 participants representing over 50 organizations from seven countries attended this symposium. The conference took place 06/16-20/2008 in a mountain resort in Reno, NV, approximately 2 hours from Lake Tahoe. Besides the technical program, there was a Golf Outing on Monday June 16th.

Contrary to most big conferences, ARS focuses on enlightening and educating quality and reliability practitioners. In addition, the last day was dedicated to presentations of research innovations. This is reflected by the symposium's slogan: "Sharing applications, success stories and lessons learned in reliability and maintainability engineering". Each presentation took 50 minutes and 10 minutes were reserved for a discussion. Another ARS benefit is that besides North America, it is held annually in 3-4 places worldwide, including South America, Asia Pacific, Europe, and India.

Attendees came from aerospace, defense, medical device, electronics and telecom, etc. industries, as well as from the government, academic, and service sectors. This year presentations were made by leading organizations in their fields: Boeing, Bosch, Cessna, Cisco, Delphi, Department of National Defense (Canada), GE Healthcare, General Dynamics, Hewlett Packard, Honeywell, IBM, Ingersoll Rand, Nortel, Philips Healthcare, Raytheon, ReliaSoft, Sandia National Laboratories, GE Healthcare, Seagate, Teletronics, Tyco, US Army Armament R&D Center, etc.

Presentations covered a broad range of topics: warranty reduction, reliability metrics, data collection, management and analysis, design for reliability and for six sigma, reliability and safety, supplier management, testing, software and manufacturing reliability; reliability centered maintenance, etc.

In my opinion, the most interesting presentations were:

- *The Pitfalls of Accelerated Life Testing* by Harland MacKenzie (Dana Corp.);
- *New Product Dependability Management* by Jeremy Bruce (Nortel);
- *Cost Effective Integrated Failure Analysis Process* by Thomas J Misuraca;
- *Reliability Improvement Program at Philips Healthcare BL Cardio-Vascular* by Guillaume Stollman (Philips);
- *Adventures in Failure Analysis* by David Darley (GE);
- *Keeping Field Data Simple* by Jerry Ackaret and David Cottrell (IBM);
- *Design for Reliability in High Volume Spindle Motor Applications* by Alexander Parkhomovsky and R. M. Pelstring (Seagate Technology);
- *Successful Reliability Program* by Bibin Daniel and Chery Jenner (AAI; Black & Decker);
- *Improve Equipment Failure Rate by Augmenting MIL-HDBK-217 Models with Manufacturer's FIT Data* by Simon Ben-David (Raytheon);
- *Customer Focused Methodologies for Reliability Testing, Modeling, and Failure Analysis in the Semiconductor Laser Diode Industry* by Kiran Kuppuswamy (Spectra-Physics),
- *Reliability Importance Measures Considering User-Specific Applications and Uncertainty* by David W. Coit (Rutgers University),
- *Reliability Prediction and Equivalency of Accelerated Testing Plans* by John R. English (Kansas State University) and E. A. Elsayed (Rutgers University).

PRINCETON CHAPTER CERTIFICATION/RECERTIFICATION PASS LISTINGS

We also wish to recognize those in the below list, who acquired Certification/Re-certification:

ASQ Certification/Recertification Pass Listing
Section 0307 - June 7, 2008

CQE

Lois Castellano

SSGB

John G. Quiterio
Joe Adona
Chris Fisher
Jonathan R. Martin
Monica Knopf

CQA

Josette B. DeBragga-Levendosky
Mary Dalinda Villalona
Jill M. Woods
Cynthia I. Keller
William E. Holmes
Adnan Kadiri
Mildred E. Mortillo
Ella Stamler
Elizabeth A. Wescott
Deborah Sandor
Joel F. Boland
Kelley R. Martel
Kristine M. Kraus
Maria Angelica Chevere-Santos
Marion Sheila De La Cruz-Kuo
Jonas Villegas
Jennifer DeMaio
Pharaoh E. Accilien
Patricia M. Conlon
Ed P. Pelkey Jr.

The ASQ-Princeton Newsletter is Going Electronic!

In order to take advantage of newer technologies and to reduce publication costs, the Newsletter is going electronic in 2009. Notification of publication will be sent via e-mail blasts. Copies of previous newsletters are already available on the chapter's website: www.asqprinceton.org. Members who wish to continue receiving a traditional hardcopy are requested to send their e-mail address to jchin@asqprinceton.org no later than Dec. 30, 2008."

(cont'd from p. 6)

The author of this paper made a presentation "Practical Early Reliability and Failures of PCB Solder Joints". It summarized my over 20-year practical international experience spanning at least seven companies and industries from aerospace, military, healthcare, telecom and consumer products. The study revealed that typical systematic early PCB failures are caused by low solderability of connecting parts. Failure signs, symptoms and root causes were characterized, prioritized, classified and related to specific technologies. The work resulted in a rare combination of dramatic reliability improvement with financial/economical enhancement. The approach and methods, along with root causes and recommendations, are applicable to a broad range of quality and reliability problems.

ARS-2008 was a successful event and may be advisable for reliability and quality practitioners in various fields who'd like to get systematic summaries and fresh ideas on hot reliability topics along with practical recommendations. Next, 2009 ARS, North America will be held June 10 - 12, 2009 in San Diego.

PUBLICATION INFORMATION

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