

Section 1400 - Albuquerque

Cheryl Tofpi Sees Major Changes in ASQ and Achievements for Section 1400 During Her Tenure as Section Chair

Greetings Section 1400!

This is officially my last newsletter as your Section Chair for the 2004–2006 program years. I cannot tell you how much I have appreciated serving in this position. I have enjoyed meeting many of you, personally, and via email. Thank you for your friendship and support. My most valued accomplishment in the past two years is leading Section 1400 through the organizational changes that have occurred within ASQ in the last few years.

ASQ has made some “major” changes in the national organization. Just to name a few of the changes, ASQ restructured the membership model, improved the Section Management Process, implemented the Section Operating Agreement which established commonality among Officer/Chair position descriptions across all Sections.

What I have enjoyed most about serving in the Chair position is learning about the knowledge and information available to each individual member of ASQ – me, and you! As your Chair, I attended a “Leadership Summit” in November 2005 in Milwaukee, hosted by ASQ. This is the first time in the history of ASQ, that ASQ has brought together the Section Chairs, leaders of the ASQ Divisions, and the leaders of the ASQ Forums, at one meeting. It was an eye-opener for the ASQ organization as a whole, and a realization that you, as a Section member, are the backbone of the ASQ organization. One result of that Leadership Summit was the Quality Café – Stakeholder Dialogues hosted by ASQ with various Sections. In March 2006, Section 1400 hosted a Quality Café here in Albuquerque. We became part of the strategy ASQ is forming to push the organization forward – Make Good Great™.

On April 29th, the Gold Section Excellence Award, the highest level of achievement in the ASQ Section management Process, was awarded to Section 1400 – we have achieved this award for two consecutive years!! There are some Sections who have achieved this award for seven years in a row! I hope we continue to achieve the Gold level in future years.

I have enjoyed the last two years serving as your Chair. I know that you will support the incoming Officers and Chairs, the 2006–2007 Leadership Team, and we will continue to prosper as a Section. When I took the Chair position, I learned a lot about the ASQ members throughout the state of New Mexico. I hope you enjoy some of the snippets of information on the Section 1400 membership on page 4 in this newsletter.

Cheryl Tofpi, Chair - Section 1400

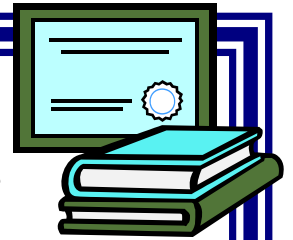
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ASQ SECTION 1400 NEWLY CERTIFIED MEMBERS



The ASQ Albuquerque Section 1400 Executive Committee would like to recognize the following members who have passed certification examinations since June 2005.

William Harwood	Certified Calibration Technician	June 2005
	Certified Reliability Engineer	October 2005
Lawrence Cox	Certified Quality Auditor	June 2005
Allison Davis	Certified Quality Engineer	June 2005
Michael Mundt	Certified Quality Engineer	June 2005
Kendall Key	Certified Quality Engineer	June 2005
David Arpin	Certified Quality Engineer	June 2005
Dave Puzak	Certified Software Quality Engineer	June 2005
Chris Luoma	Certified Software Quality Engineer	June 2005
Brian Medina	Certified Mechanical Inspector	October 2005
John Goodrich	Certified Mechanical Inspector	October 2005
Joseph Gutierrez	Certified Mechanical Inspector	October 2005
Francisco Bailon	Certified Mechanical Inspector	October 2005
Charles Marshall	Certified Mechanical Inspector	October 2005
Kevin Anderson	Certified Six Sigma Black Belt	October 2005
Nathan Morley	Certified Quality Auditor	December 2005
Dorothy Gill	Certified Quality Auditor	December 2005
Sheri Clark	Certified Quality Improvement Associate	December 2005
	Manager of Quality/Organizational Excellence	March 2006
Robert Fetsko	Certified Software Quality Engineer	December 2005
Cheryl Tofpi	Certified Software Quality Engineer	December 2005
William Heitz	Certified Software Quality Engineer	December 2005
Charles Williamson	Certified Software Quality Engineer	December 2005
Jesus Gonzales	Certified Software Quality Engineer	December 2005
Joel Stevenson	Certified Software Quality Engineer	December 2005
Teresa Roberts	Certified Software Quality Engineer	December 2005
Brenda Lee	Certified Software Quality Engineer	December 2005
Laura McClellan	Certified Software Quality Engineer	December 2005
Sandra Cruz	Certified Software Quality Engineer	December 2005
Brenda Joyce	Certified Software Quality Engineer	December 2005
Richard Ford	Certified Mechanical Inspector	March 2006
Robert Timma	Certified Six Sigma Black Belt	March 2006
Suzanne Brown	Certified Six Sigma Black Belt	March 2006
Jawahar Sahi	Manager of Quality/Organizational Excellence	March 2006
Tarek Elneil	Manager of Quality/Organizational Excellence	March 2006
Robert Dzur	Manager of Quality/Organizational Excellence	March 2006
Judith McKinney	Manager of Quality/Organizational Excellence	March 2006
Sandra Fletcher	Manager of Quality/Organizational Excellence	March 2006

Please join us in extending our congratulations to these members at this milestone in their careers.

New Certified Quality Engineer Body of Knowledge

ASQ has notified section leaders of a change in the Certified Quality Engineer Body of Knowledge (BOK). The Certified Quality Engineer Exam Committee has prepared a comparison between the old BOK and the new 2006 BOK.

The first administration of the new BOK will be **December 2, 2006**. Individuals who have either registered to take the December 2 exam or have taken the exam within the last two years will be mailed a copy of the new BOK along with a breakdown of the changes.

The Body of Knowledge for certification is affected by new technologies, policies, and the changing dynamics of manufacturing and service industries. Changed versions of the examination based on the current Body of Knowledge are used at each offering.

The following is an outline of the topics that constitute the Body of Knowledge for Quality Engineering.

- I. **MANAGEMENT AND LEADERSHIP IN QUALITY ENGINEERING (19 Questions)**
- II. **QUALITY SYSTEMS DEVELOPMENT, IMPLEMENTATION, AND VERIFICATION (19 Questions)**
- III. **PLANNING, CONTROLLING, AND ASSURING PRODUCT AND PROCESS QUALITY (33 Questions)**
- IV. **RELIABILITY AND RISK MANAGEMENT (11 Questions)**
- V. **PROBLEM SOLVING AND QUALITY IMPROVEMENT (25 Questions)**
- VI. **QUANTITATIVE METHODS (53 Questions)**

Six Levels of Cognition based on Bloom's Taxonomy (1956)

In addition to **content** specifics, the subtext detail also indicates the intended **complexity level** of the test questions for that topic. These levels are based on "Levels of Cognition" (from Bloom's Taxonomy, 1956) and are presented below in rank order, from least complex to most complex.

Knowledge Level

(Also commonly referred to as recognition, recall, or rote knowledge.) Being able to remember or recognize terminology, definitions, facts, ideas, materials, patterns, sequences, methodologies, principles, etc.

Comprehension Level

Being able to read and understand descriptions, communications, reports, tables, diagrams, directions, regulations, etc.

Application Level

Being able to apply ideas, procedures, methods, formulas, principles, theories, etc., in job-related situations.

Analysis

Being able to break down information into its constituent parts and recognize the parts' relationship to one another and how they are organized; identify sublevel factors or salient data from a complex scenario.

Synthesis

Being able to put parts or elements together in such a way as to show a pattern or structure not clearly there before; identify which data or information from a complex set is appropriate to examine further or from which supported conclusions can be drawn.

Evaluation

Being able to make judgments regarding the value of proposed ideas, solutions, methodologies, etc., by using appropriate criteria or standards to estimate accuracy, effectiveness, economic benefits, etc.

Visit www.asq.org to view the new BOK and the comparison between the old BOK and the new 2006 BOK. Karen Douglas, Section 1400 Certification Chair, will also be able to assist you with your questions.

Did You Know? - Interesting Section 1400 Facts and History

Did you know ...

Section 1400 has nine individuals who have been members of Section 1400 since the 1950s and 1960s? These members will be our guests at our Section meeting on September 18th. Please come and help us recognize these individuals for their long time loyalty to our Section and to the Quality profession.

- ❖ Harley Walker, 1954
- ❖ John Wiesen, 1954
- ❖ James Holpp, 1955
- ❖ John Houghton, 1960
- ❖ Joseph Muench, 1961
- ❖ Max Littleton, 1964
- ❖ James Henderson, 1965
- ❖ William (Don) Harwood, 1966
- ❖ Leslie Gage, 1968

Did you know...

The ASQ Certification held by most of the Section 1400 members is the CQA (28%)? The breakdown for the other certifications is:

- ❖ CQE: 21%
- ❖ CMQ/OE : 15%
- ❖ CMIN: 10%
- ❖ CSQE : 9%
- ❖ CQIA: 5%
- ❖ CQT: 5%
- ❖ CRE: 2%
- ❖ CSS: 3%
- ❖ CCT: 1%

Did you know that no Section 1400 member currently holds an active BIO, CHA or HACCP certification?

Did you know...

The ASQ Division which most of the Section 1400 members have joined is the QMD (21%)? The breakdown for the Divisions is:

1.QMD	21%
2.ASD	6%
3.AUTO	0%
4.CPID	1%
5.ECD	1%
6.TNT	0%
7.FD&C	2%
8.RELIAB	2%
9.INSF	4%
10.BIOMED	2%
11.EED	5%
12.STAT	5%
13.HD&L	2%
14.SOFT	7%
15.CSD	2%
16.SQD	4%
17.MQD	3%
18.HCD	3%
19.AD	12%
20.DCD	1%
21.EDD	3%
22.GOVDIV	4%
23.AMIG	2%
24.CQCC	0%
25.PSLP	0%
26.SIXSIGMA	4%
27.TEAMPART	1%

Did you know...

Section 1400 members hold 243 active and current ASQ Certifications? Of the 175 members who hold certifications, 45% of those members hold more than one certification.

Did you know that William Harwood, Jr. holds eight active and current ASQ Certifications?

Did you know...

You should "Manage Your Membership" and keep your mailing address, email address, and phone number(s) current with ASQ? If you are not receiving your newsletter via US mail, then you should ensure ASQ has your current membership information by accessing the ASQ website. If you need assistance, please contact our ASQ Customer Care representative, Pat Cochran (who facilitated our Quality Café), via email help@asq.org, or Tom Ehrhorn, tom.ehrhorn@areva.com.

Did you know...

Section 1400 does not share your contact information with anyone without your permission? Not even other ASQ members... If ASQ wants to share any information with Section 1400 members, the information is sent to our Internet Liaison and distributed via the Section 1400 website and/or via email.

Did you know...

Section 1400 still needs volunteers for the 2006-2007 program year?

- ❖ Program Chair
- ❖ Internet Liaison

Volunteers must be an ASQ member in good standing. If you are interested, or if you want more information, please contact David Calvert, david.calvert@calvert-consulting.com.



May Meeting to Feature Northwestern New Mexico Regional Science and Engineering Fair Winners



The top two winners from the Junior division and from the Senior division of the Northwestern New Mexico Regional Science and Engineering Fair will set up and discuss their projects at the ASQ May 15th dinner meeting. The two first place winners will give a short presentation about their projects during the meeting. Please honor our 2006 winners by attending this program, which is always one of the highlight events of the year.

The following students are the Section's Special Awards winners at the Northwestern New Mexico Regional Science and Engineering Fair:

Junior Division

Honorable Mention (\$25 gift certificate and certificate) – St. Mary's MS - No Oil is Good Oil - Ethan O. Contreras

Honorable Mention (\$25 gift certificate and certificate) – Edgewood MS - Gee, It Would Be Nice If... Can a Computer Do What You Really Want? - Armanda M. Ball

3rd Place (\$50 savings bond and certificate) – Estancia Elementary School - Best Breeds? - Travis Metzger

2nd Place (\$100 savings bond, invitation to dinner meeting, and certificate) – Eisenhower MS - Counting Bubbles - Konrad Slepoy

1st Place (\$200 savings bond, invitation to dinner meeting to present project, and certificate) – Jefferson MS - How Opinion Forms Groups - Sarah H. Glass

Senior Division

Honorable Mention (\$25 gift certificate and certificate) – Malone Home School - Detection & Analysis of Charge Variation Produced by Moving Objects - Sean T. Malone

Honorable Mention (\$25 gift certificate and certificate) – Rio Rancho HS - Insect Detection of Insecticide - John C. Pesko

3rd Place (\$100 savings bond and certificate) – Rio Rancho HS - Television vs. Obesity - Sara Pesko

2nd Place (\$150 savings bond, invitation to dinner meeting, and certificate) – Rio Rancho HS - Limitations of Cottrell's Equation - Bennett G. Grill

1st Place (\$200 savings bond, invitation to dinner meeting to present project, and certificate) – Los Lunas HS - A Device for Determining The Gender of Salmon Using Morphological Characteristics - Susanna L. Clary

AND A VERY SPECIAL THANKS TO THE JUDGES!

The following members helped to select the above Science and Engineering Fair winners: Jay Chamberlin, Ray Sanchez, and Bob Heaphy. Also judging were these nonmembers: Tamra Sanchez, Larry Miller, David Cross, Megan Cross, and Mary Cross.

The Executive Board (and, I'm sure, the youth) thank these individuals for their time and thoughtful efforts in reviewing the over 1000 projects at this year's fair.

Nancy Cross, Science Fair Chair

ASQ Quality Progress Magazine Features Section 1400 Members

Ken Manicki and Dennis Owens, ASQ Section 1400 members, both recently had their articles published in the ASQ magazine, Quality Progress.

Ken Manicki's article, "State Offers ISO 9000 Help to Small Biz", was featured in the March 2006 issue of Quality Progress. The article discusses how ISO 9000 certification can be difficult to attain for small businesses, which are often strapped for resources, and how the New Mexico 9000 program helps small businesses in New Mexico achieve certification affordably. Since the program's 2000 launch, it has helped 25 companies become ISO certified. Ken is a Senior Program Manager for the State of New Mexico Economic Development Department, Office of Science and Technology.

Dennis Owens' article, "PDCA at the Management Level", was featured in the April 2006 issue of Quality Progress. Dennis writes about how the plan-do-check-act (PDCA) cycle can organize your quality management system's management review process and help you to focus on specific organizational needs.

Dennis Owens is a senior member of the technical staff at the Aerospace Systems Development Center at Sandia National Laboratories. In addition to being an ASQ member, Dennis is also an RABQSA provisional auditor.

Section 1400 New Members and ASQ Transfers for March 2006

1. Nathan Bogue, Bogue Machine Company
2. Orlando Chavez, Exagen Diagnostics
3. Erik D Fosshage, ASAP, LLC
4. Lynn D Fugelso, SNL
5. Jackie A Montano, Sud Chemie Performance Packaging (Belen)
6. Howard A Morgenstern, LANL

**Welcome to
All New Section 1400
Members!**

Opportunity for Students Interested in Quality Assurance

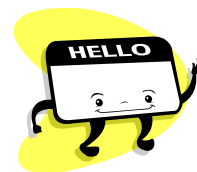
Los Alamos National Laboratory's Actinide and Fuel Cycle Technology Group is seeking interested individuals who wish to learn the principles and interpersonal skills necessary to effectively apply quality assurance and quality control in R&D and semi-production environments. Their goal is to ensure a continuous flow of trained QA staff are available as attrition is depleting their current resources. LANL wants to employ a student with a scientific or engineering background, and/or an engineering professional eager to expand his/her horizons, who is interested in mastering the concepts and implementation of QA.

The candidate(s) will be mentored by a senior Quality Engineer and will learn to meld scientific and engineering skills with QA tools. He/she will then use the resulting knowledge to help in managing the quality of R & D projects. A key trait of this person will include good interpersonal skills, since assuring quality requires both attributes of a technical auditor and the ability to team with scientists and engineers in order to implement the tools and knowledge needed for achieving desired outcomes.

The group expects to be in a position to hire a person with the desired characteristics after June, 2006. It would be helpful to have an overview of potential candidates before then; hence we are seeking assistance from the academic and professional Quality Assurance community in explaining our interest to possible candidates.

Please contact the ASQ Newsletter Editor, Beverly Wade, at beverly.wade@atk.com if you know of possible candidates for this opportunity, and she will forward your information to the appropriate contacts.

ASQ Section 1400
Permanent Name Badges
NOW AVAILABLE



You can now order a permanent name badge that was designed for ASQ Section 1400 members and Leadership Team Members. Please contact Beverly Wade at beverly.wade@atk.com for ordering information.

ASQ May Membership Meeting

Monday, May 15, 2006

Courtyard by Marriott
5151 Journal Center Blvd.
Albuquerque

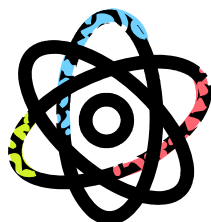
6:00 p.m. Networking & Dinner Registration

6:30 p.m. Dinner

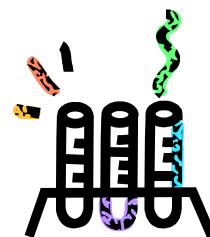
7:15 p.m. Section Information Meeting

7:30 p.m. Program Speaker

8:50 p.m. Wrap up & Closing



**Program Topic: Northwestern New Mexico
Regional Science and Engineering Fair
Winners will Present their Project**



May Dinner Menu Choices:

Choice 1: Chicken Cuervo

Marinated Chicken Breast Topped with Green Chile, Fresh Tomatoes, Scallions and Minced Garlic in a Tequila Cream Sauce.

Choice 2: Salmon Encroute

Baked Salmon & Gruyère Cheese wrapped in Puff Pastry topped with Red Pepper Cream Sauce.

Member and Guest Price: \$20.00, \$10.00 for Students (Additional Options Available)

Members and Guests who want to attend the program only will be seated at a table with water and coffee at no charge.

Reservations

To make reservations for either the dinner-program or for the program only, contact Dennis Peters at dlpeters47@msn.com. Dinner reservations must be made on or before May 11.