



THE SCIOTO VALLEY VOICE

AMERICAN SOCIETY FOR QUALITY SCIOTO VALLEY SECTION 0815

"ASQ's First Section of the New Millennium"

October 2007

Volume 10, Number 8

Editor – Rus Barnes (rbarnes@lpports.com)

IN THIS ISSUE:

- MESSAGE FROM THE CHAIR
- OCTOBER PROGRAM – RIVERSIDE METHODIST HOSPITAL/VIRTUAL TRAINING CENTER
- LEADERSHIP COMMITTEE
- 2007-2008 PROGRAM YEAR
- MEMBER ACCOMPLISHMENTS
- THE QUALITY SYSTEMS CORNER
- CERTIFICATION PREPARATION
- ASQ CERTIFICATION EXAMS
- EMPLOYMENT OPPORTUNITIES & TOOLS
- SVS SECTION 815 LEADERSHIP COMMITTEE ROSTER FOR 2007-2008
- CONFERENCES/SEMINARS/WORKSHOPS/AWARENESS TRAINING
- SPACEPORT

MESSAGE FROM THE CHAIR

Hello to all ASQ Members and Friends,

What a busy month October has been already and it looks like the upcoming Dinner/Tour at Riverside Methodist Hospital/Virtual Training Center (CME&I) is going to be a great event. Please make your plans to attend or car pool with a friend.

The Newsletter continues to be a great venue for information within the world of Quality, notices of upcoming events and educational endeavors, so please take the time to peruse, read, comment and support the efforts of all who give so generously of their time.

Take a moment to review Bob Rinderman's Quality Column, and read the press release from our fellow member and website master (Wade Midkiff) from Baton Rouge on the Space Design Terminal. What an exciting time we live in and to know that members of our Section are moving on with their careers and still keep their section affiliations active. What a great group of professionals make up this Section!

Best wishes for safe travels to Dave Boulay on his upcoming adventures in China, coming up soon.

Our next LC meeting is scheduled for 11/01/07, with Dinner/Tour scheduled for 11/13, at OSU South Centers – Topic: Plant Genetics.

Upcoming events: ASQ Akron Canton Fall Conference: 10/19/07 – Kent State University Stark Campus
The Division Affairs Council (DAC) and Section Affairs Council (SAC) joint meeting – Milwaukee, Wisconsin, 11/09-10/07
Vision for Nanotechnology in Ohio – October 22-25, 2007, Ritz Carlton, Cleveland

Best wishes to all and see you at one of the above events!
Cindy Davis, DRD, Scioto Valley Section Chair, 2007-2008

OCTOBER PROGRAM – “Continuing Medical Education and Innovation Center”

DATE & LOCATION: Tuesday, October 23, 2007 at Riverside Methodist Hospital/Virtual Training Center in Columbus, OH

MEETING THEME: The new Center for Medical Education and Innovation at Riverside is a state-of-the-art medical education facility with a training center incorporating some of the world's most advanced healthcare technologies available.

Through the use of human patient simulators and other advances in medical education technology, the Center enables Riverside Medical Education to simulate patients and the patient experience in a wide variety of clinical situations. It offers a safe way for medical professionals to practice new technologies and advanced procedures without putting real patients at risk.

SPEAKERS: Tour Guides

AGENDA: 6:00 – 6:30 Registration and networking
6:30 – 7:00 Presentation and Tour
7:45 – ? Dinner at Buckeye Hall of Fame Cafe

MENU & COST: Order individually off the menu at Buckeye Hall of Fame Café located at 1421 Olentangy River Road at the Lennox Mall. Detailed directions to the restaurant will be provided at the conclusion of the Riverside tour. You may attend the program only, without dinner, at no cost. However, pre-registration is still required.

RESERVATIONS: Pre-registration is required by Friday, October 19. Please contact Tom Houk (houkt@tpmcllc.com; 740-897-6502), Cindy Davis (d2associates@earthlink.net (740) 289-2071 x228), or Doug Scott (dscott@lports.com; 740-897-4771) for reservations.

RECERTIFICATION: Individuals holding ASQ certifications can **earn 0.6 re-certification units (RUs)** for attending the program (0.3 RUs for the pre-dinner tour and 0.3 RUs for the dinner meeting).

DIRECTIONS: RIVERSIDE METHODIST HOSPITAL: Traveling north on US Route 23 toward Columbus take I-270 West for approximately 2.2 miles. Take I-71 North for 4.6 miles. Keep left to take OH 315 North for 5.6 miles. Exit at North Broadway. Veer to left off ramp and go straight through the stoplight into main hospital drive. Turn left towards the McConnell Heart Hospital and park in the **Red Garage**. Come to the first floor and in the lobby take the elevator to the 4th floor; CME&I is the first suite.

NOTE: Members and guests may want to consider carpooling due to the length of travel. Attendees that would like to carpool from Chillicothe should meet at the outer parking lot at JC Penney's in the Chillicothe Mall on Bridge Street at 5:00 pm.

LEADERSHIP COMMITTEE

The Leadership Committee meeting dates for program year 2007-2008 are listed below. Meeting times are 5:30 pm on each date. All members are welcome to attend the Leadership Committee meetings.

11/01/07 - OSU Piketon
12/06/07 - OSU Piketon
01/03/08 - OSU Piketon
02/07/08 - OSU Piketon
03/06/08 - OSU Piketon
04/03/08 - OSU Piketon
05/01/08 - OSU Piketon
06/05/08 – OSU Piketon

2007-2008 PROGRAM YEAR

Meeting Date	Location	Theme	Topic/Speaker
October 23, 2007	Columbus – Riverside	Healthcare Education and Training	Tour of Riverside Virtual Surgical Training Facility
November 13, 2007	Piketon OSU	Plant Genetics	Speaker - TBD by OSU
December 11, 2007	Portsmouth Shawnee State	DOT Bridge Inspection	Ohio Bridge Inspections/Speaker - TBD
January 17, 2008	Piketon OSU	Annual Meeting & Fruit Growth Quality	Speaker - TBD OSU South Centers
February 21, 2008	Chillicothe	Telephone/ Internet Quality	Speaker – TBD
March 20, 2008	Jackson	Piping Fabrication & Design Quality	Speaker – TBD
April 17, 2008	Manchester Moyer’s Winery	Quality Excellence Award	Kentucky Excellence Award - Speaker -TBD
May 17, 2008	Ironton	Railroad Quality	CSX Quality Program – Speaker - TBD
June 21, 2008	Chillicothe	Golf Outing	Second Annual SVS Golf Outing

Please note that some locations/topics may change due to availability of speakers.

MEMBER ACCOMPLISHMENTS

John A. Gabis, M.D. was named Executive Director of PACCAR Medical Education Center in Chillicothe on September 18, 2007. In his new role, Gabis will be responsible for academic and clinical program development at the Center in collaboration with Wright State University, Ohio University- Chillicothe and Adena Health System.



The PACCAR Medical Education Center will house a pre-licensure bachelor of science in nursing degree program through Wright State University. Students will be able to complete prerequisite courses at Ohio University and BSN coursework at the Center in about 39 months. The PACCAR Center will also provide continuing education and training programs for allied health professionals and physicians, Gabis noted.

A groundbreaking ceremony for the new center is scheduled for October. The center is expected to be open to receive its first class of students in 2008.

John Gabis resides in Chillicothe, Ohio and is an SVS member. Read the complete story here <http://www.adena.org/>.

THE QUALITY SYSTEMS CORNER - Column by Bob Rinderman

In the last column we discussed the American Society of Mechanical Engineers (ASME) Nuclear Quality Assurance (NQA) NQA-1 quality system. In my opinion, that system is a rather complete and thorough treatment of a “Quality System” from the perspective of the individual elements that comprise a quality system.

In this column I will attempt to provide a brief introduction to the International Organization for Standardization (ISO) and then a brief overview of their ISO-9001-2000 quality management system standard.

ISO <http://www.iso.org/iso/home.htm> is a network of the national standards institutes of 155 countries, one member per country, with a Central Secretariat in Geneva, Switzerland, that coordinates the system. More than 100 of ISO's members are from developing countries. Every full member of ISO has the right to take part in the development of any standard which it judges to be important to its country's economy. No matter what the size or strength of that economy, each participating member in ISO has one vote.

ISO began operations on 23 February 1947 and today is the world's largest developer and publisher of International Standards. Between 1947 and the present day, ISO has published more than 16,500 International Standards, ranging from standards for activities such as agriculture and construction, through mechanical engineering, to medical devices, to the newest information technology developments. ISO standards are voluntary. As a non-governmental organization, ISO does not regulate or legislate. However, countries may decide to adopt ISO standards as regulations or refer to them in legislation. In addition, ISO standards may become a market requirement.

The ISO 9000 and ISO 14000 (environmental management) families are among ISO's best known standards ever. ISO 9001:2000 and ISO 14001 versions are implemented by some 887,770 organizations in 161 countries. The ISO 9000 family addresses "quality management". This means what the organization does to fulfill:

- the customer's quality requirements, and
- applicable regulatory requirements, while aiming to
- enhance customer satisfaction, and
- achieve continual improvement of its performance in pursuit of these objectives.

In outline form, the ISO-9001-2000 quality management system standard is comprised of the following major subject areas:

NOTE: Clauses 0 thru 3 are introductory & administrative clauses that contain no requirements.

4.0	Quality Management System	7.0	Product Realization
5.0	Management Responsibility	8.0	Measurement, Analysis and Improvement
6.0	Resource Management		

In brief, as explained in the ASQ Quality Press (<http://qualitypress.asq.org>) "ISO Lesson Guide 2000", the ISO-9001-2000 standard "takes the *process approach*. This simply means that the standard is organized in the same order as you would normally do something. First you would plan it. Then you would do it. Then you would check and analyze what you did. Finally, you would improve on any weaknesses." This is a living testament to Dr. Walter A. Shewhart, ASQ's first Honorary Member in 1947 and the acknowledged "Father of statistical quality control". Dr. Shewhart is credited with developing and using the Plan-Do-Check-Act (PDCA) improvement cycle. You can read more about Dr. Shewhart on the ASQ web site at http://www.asq.org/about-asq/who-we-are/bio_shewhart.html.

Next month I plan to explore the ISO-9001-2000 standard in further detail.

BOB RINDERMAN is an ASQ Member since 1966 who has developed and managed Quality Systems in a variety of industries. Bob is the Founding Chair of the Scioto Valley Section, past member of the ASQ Board of Directors and an ASQ Fellow. Bob would welcome your comments, corrections or critiques at Qualpro@roadrunner.com.

CERTIFICATION PREPARATION – A MESSAGE FROM THE CERTIFICATION CHAIR

Certification is formal recognition by ASQ that an individual has demonstrated proficiency within, and a comprehension of, a specified body of knowledge. It is peer recognition, not registration or licensure. Certification demonstrates that the certified individual has the knowledge to assure quality of products and services. Certification: 1) Is a mark of excellence; and 2) Is an investment in your career and in the future of your employer. Studying for the one of the ASQ Examination allows the individual to gain new skills and upgrade their proficiency. Maintaining your certification secures the investment you've already made in your career.

The following link on the ASQNet.org web page provides valuable information on resources to help you prepare for the various certifications that ASQ offers:

http://www.asq.org/portal/page?_pageid=33.39211.33_39258&_dad=portal&_schema=PORTAL&in_url=/career/index.html

ASQ CERTIFICATION EXAMS

Certification examinations will be held at The Ohio State University, Research and Development Center in Piketon, since this site is at the approximate geographical center of the area served by section 815. The following web page provides additional information: <http://www.asq.org/certification/dates.html>.

The following table lists the various certifications offered by ASQ, the exam dates, and application deadlines:

Certifications	Application Deadline	Exam Date
Biomedical Auditor HACCP Auditor Manager of Quality/ Organizational Excellence Quality Inspector Quality Technician Reliability Engineer Six Sigma Black Belt	08/17/07	10/20/07
Calibration Technician Quality Auditor Quality Engineer Quality Improvement Associate Quality Process Analyst Six Sigma Green Belt Software Quality Engineer	10/05/07	12/01/07

EMPLOYMENT OPPORTUNITIES & TOOLS

Check out the ASQ web page <http://careers.asq.org/search.cfm> for information on finding available job opportunities, job seeker support, posting a resume, and many other helpful items. Many new items are added daily to assist in your career searches.

SVS SECTION 815 LEADERSHIP COMMITTEE ROSTER FOR 2007-2008

Office	Name	Phone	E-mail
Chair	Cynthia L. Davis	800 556 2551	d2associates@earthlink.net
Chair Elect	John Hobensack	740 897 2253	hobensackje@ports.usec.com
Vice Chair	Robert Ervin	740 384 3479	boberv@copper.net
Vice Chair	Rich Biehle	606 836 3455	rbiehle@gmail.com
Vice Chair	Jim Brown	740 636 3038	jbrown@yusa-oh.com
Treasurer	R. Douglas Scott	740 897 4771	dscott@lpports.com
Secretary	Connie Lang	740 947 6441	lang.connie@pikecommunityhospital.org
Immediate Past Chair	Dave Boulay	740 289 2071	boulay.1@osu.edu
Reg. 8 Deputy Director	Bob Rinderman	740 897 2440	rindermanrr@ports.usec.com
Reg. 8 Deputy Director	Cynthia L. Davis	800 556 2551	d2associates@earthlink.net
Section Director (10)	Tim Matchett	740 286 1621	cqp53@hotmail.com
Section Director (10)	Bob Rinderman	740 897 2440	rindermanrr@ports.usec.com
Section Director (10)	R. Douglas Scott	740 897 4771	dscott@lpports.com
Section Director (10)	Cynthia L. Davis	800 556 2551	d2associates@earthlink.net
Section Director (09)*	Pamela Sperling	740 773 8123	Sperling@horizonview.net
Section Director (08)*	Rich Biehle	606-836-3455	rbiehle@gmail.com

* The number in parentheses is year ending a three year appointment in June

THE SCIOTO VALLEY VOICE

Committee Chairs	Name	Phone	E-mail
Arrangements	Tom Houk	740 897 6502	houkt@tpmcllc.com
Auditing	Pamela Sperling	740 773 8123	Sperling@horizonview.net
Certification	Jim Thompson	740 897 5246	thompsonjf@ports.usec.com
Database	Wade Midkiff	225 323 3701	midkiff@ieee.org
Education	Cynthia L. Davis	800 556 2551	d2associates@earthlink.net
Examining	Brian Lanning	740 897 2084	lanningbm@ports.usec.com
Healthcare	Connie Lang	740 947 6441	lang.connie@pikecommunityhospital.org
Historian	R. Douglas Scott	740 897 4771	dscott@lpports.com
Internet Liaison	Wade Midkiff	225 323 3701	midkiff@ieee.org
Koalaty Kid	R. Douglas Scott	740 897 4771	dscott@lpports.com
Membership	Robert Ervin	740 384 3479	boberv@copper.net
Newsletter	Rus Barnes	740 897 2809	rbarnes@lpports.com
Nominating	Dan Longpre	740 897 5747	longpred@tpmcllc.com
Placement	Craig Gray	740 335 0335	cgray@yusa-oh.com
Program	Rich Biehle	606 836 3455	rbiehle@gmail.com
Publicity	John Hobensack	740 897 2253	hobensackje@ports.usec.com
Re-certification	Jim Brown	740 636 3038	jbrown@yusa-oh.com
Six Sigma	Brian Lanning	740 897 2084	lanningbm@ports.usec.com
SMP	Cynthia L. Davis	800 556 2551	d2associates@earthlink.net

CONFERENCES/SEMINARS/WORKSHOPS/AWARENESS TRAINING

Below is a listing of upcoming conferences available through ASQ. More information on available conferences is available by clicking each link below or visiting the ASQ website (www.asq.org).

16th Annual Service Quality Conference October 1-2, 2007 • San Diego, California
<http://www.asq.org/conferences/service-quality/index.html>

16th Annual Audit Conference October 11 & 12, 2007 • Atlanta, Georgia
<http://www.asq.org/audit/conferences/index.html>

51st Fall Technical Conference 2007 October 11-12, 2007 • Jacksonville, Florida
<http://www.eng.fsu.edu/ftc2007/index.php?page=program>

International Conference on Software Quality October 16-17, 2007 • Denver - Lakewood, Colorado
<http://www.asq.org/software/conferences/>

International Quality Forum Juárez – Calidad 2007 October 18, 2007 • Juárez, Chihuahua, Mexico
<http://www.asq.org/global/networking-events/quality-forum-juarez.html>

2007 Performance Excellence Summit & 23rd CAE Gala October 24, 2007 • Toronto, ON, Canada
http://www.nqi.ca/newsevents/event_details.aspx?ID=174

34th National Energy and Environmental Conference November 4-7, 2007 • Providence, RI
<http://www.asq.org/ee/conferences/index.html>

National Quality Education Conference November 11-13, 2007 • St. Louis, Missouri
<http://nqec.asq.org/>

2008 Six Sigma Conference February 11-12, 2008 • Phoenix, Arizona
<http://www.asq.org/conferences/six-sigma/index.html>

20th Quality Management Conference February 21-22, 2008 • Orlando, Florida
<http://www.asq.org/conferences/quality-management/index.html>

16th Annual International Conference on ISO 9000 March 3-4, 2008 • Orlando, Florida

<http://www.asq.org/conferences/iso-9000/index.html>

World Conference on Quality and Improvement May 5-7, 2008 • Houston, Texas <http://wcqi.asq.org/>

Quality Institute for Healthcare May 5-7, 2008 • Houston, Texas <http://qihc.asq.org/index.html>

SPACEPORT

Every so often, the Company comes across an opportunity to take on a unique, groundbreaking project. Just such an opportunity was presented with URS' selection to design the Terminal and Hangar Facility at Spaceport America, to be built in southern New Mexico.

The goal of the terminal facility design is to create "an iconic, one-of-a-kind building" that "answers that \$1 million question – what does a spaceport look like?" URS and the architectural firm Foster + Partners have joined together to lead an international team with the unique honor of answering this question.

The selection was the result of an international competition to design the world's first "purpose-built commercial spaceport" to establish the space tourism industry. According to Kelly O'Donnell of the New Mexico Spaceport Authority (NMSA), "The URS/Foster Team presented us with a concept that blends sensitivity to the environment, cutting-edge technology and a stunning image and shape when viewed from high above."



The terminal and hangar facility will accommodate launch operations, serve as a base for astronauts' pre- and post-flight activities and provide a visitors center for the public. The primary tenant for the facility will be Virgin Galactic, the world's first private spaceline, which will offer individuals the chance to visit space aboard one of their privately built spacecraft modeled after Burt Rutan's history-making SpaceShipOne.

The winning concept was the product of intense collaboration among the URS /Foster + Partners project team. The proposed building features a complex shaped cast-in-place concrete, long-span shell structure, and will include many "green" technologies for sustainability, such as solar panels, heat collectors and a dry geothermal cooling system. All of these features are expected to make the facility an ecologically sound model for future spaceport projects. In fact, Leadership in Energy and Environmental Design Platinum certification is a design objective.

Project Manager, Rick Tietgens (Albuquerque), in conjunction with employees from other URS offices will provide all engineering services associated with the facility. Already heavily involved in the conceptual design, Jim Singeltary and John George (structural engineering) and Carl Schultz (mechanical engineering) are leading the team from the Columbus office. They will assist Project Manager Rick Tietgens and Project Principal Nabil Jammal (Seattle) with the ongoing design. Foster + Partners, the prominent UK architectural firm founded by Lord Norman Foster, will lead the architectural design, supported by SMPC Architects as the Architect of Record.

The entire Spaceport is estimated to cost nearly \$200 million, with the terminal facility budgeted at approximately \$28 million. The design and construction are expected to proceed at a rapid pace with the goal of having an operational facility by the end of the third quarter of 2009. (Picture above is a computer rendering of the proposed facility.)