



# Tucson Old Pueblo Section

Section 0707

February 2008

## Tucson Old Pueblo Section Mission Statement

To develop quality professionals and actively serve as a resource for educating and communicating quality principles in Southern Arizona.



### Section Officers:

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## ASQ Technical Meeting

- Date:** February 12, 2008 (2<sup>nd</sup> Tuesday of month)  
**Location:** Engineering Bldg. University of Arizona Campus (AKA ..Old Engineering)  
Registration/Networking @ ENGR 214  
Presentation @ ENGR 210  
**Time:** 5:30 to 6:00 Registration and Networking  
6:00 to 6:50 Dinner (finger food/Pizza/Soda)  
6:50 to 7:00 Announcements/Break  
7:00 to 8:00 Technical Meeting  
**Cost:** With RSVP – Free  
No RSVP/Pay At Door – \$10  
Technical meeting – FREE

## Phoenix Mars Scout Mission: A Campaign to the Martian Arctic

Rigel Woida – University of Arizona, Dept. of Planetary Sci. & Lunar and Planetary Lab.

### Topic Synopsis:

An overview of the recent NASA mission history of Mars exploration, feeding into how previous missions have paved the way for the Phoenix rebirth. In addition, a detailed walk through of the Phoenix mission, the science instruments, launch of the Phoenix and current status of the team.

### Speaker Bio:

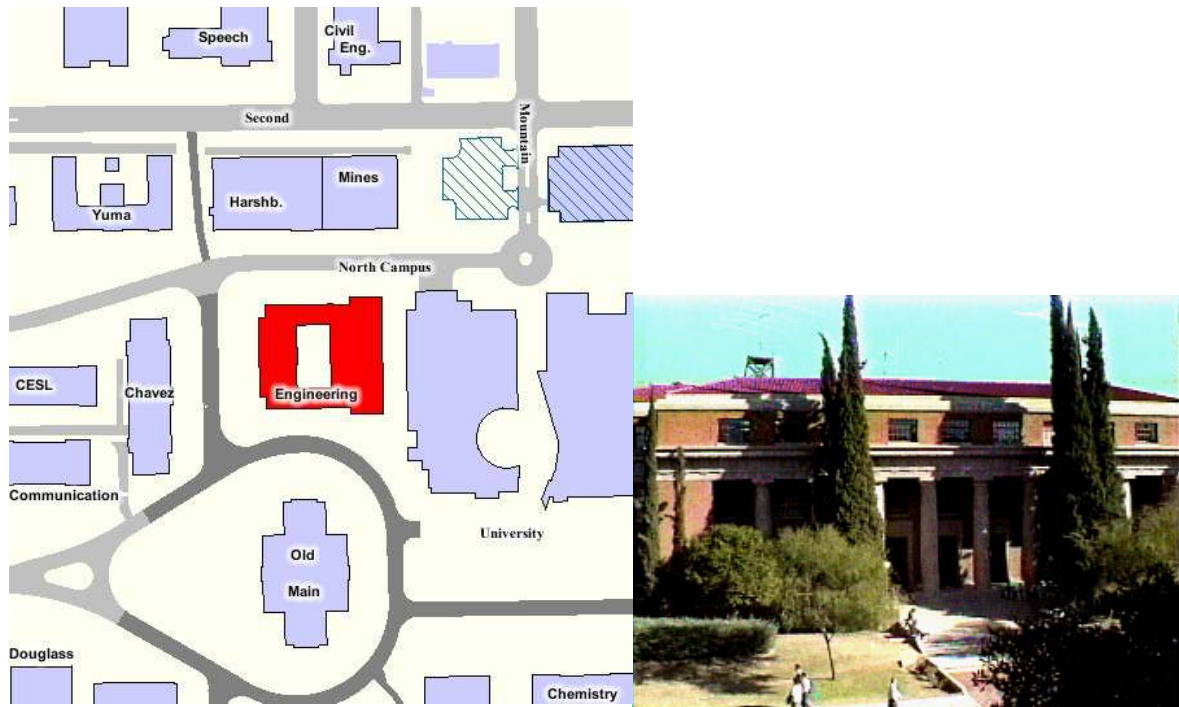
Rigel Woida is currently a flight engineer on the 07/08 Phoenix Mars Scout Mission performing a multitude of job from Design and Validation to Surface Operations. Focus for the last 10 years has been working in various lab environments, with a heavy emphasis on optical fabrication, alignment, testing and design. In addition, over the past 7 years, a large amount of my time has been devoted to writing R&D and research proposals to SBIR, STTR, NIAC and NASA. Rigel is beginning this year his graduate studies at the College for Optical science.

### Quality Connections

ASQ National: <http://www.asq.org>  
ASQ Region 7: <http://www.asqregion7.org>  
ASQ Section 0707: <http://www.asq0707.org>  
Arizona Quality Alliance: <http://www.arizona-excellence.com>  
Malcolm Baldrige National Quality Award: <http://www.nist.gov>

The 2008 Calendar of Events is posted  
on page 3.



**Street Address:**

1127 E JAMES E. ROGERS WAY

Closest parking (there are meters on the street). At Mountain and Second, there is a parking garage (blue cross hatched building) but this will require payment even at 5:30. Street parking is free. Meters in front of the dorms on North Campus Drive west of the Engineering building.

**Chair Message**

This month's topic is an overview of the Phoenix Mars Scout Mission, scheduled to land on May 25, 2008. This will be a revised update from the PBS special aired in early November 2007. It will be especially fascinating to Space Enthusiasts or for folks in the Aerospace sector. This meeting is also our precursor event to Engineer's Week. We have invited various engineering student organizations: Society of Hispanic Professional Engineers(SHPE); Society of Women Engineers (SWE); National Society for Black Engineers(NSBE); Engineering Student Council; etc. ASQ-TOPS' intent is to meet and recruit the next generation of "quality" professionals. We will be dining on pizzas and appetizers, so the students and professionals can interact in a more informal setting. Please remember to RSVP so the Board can plan accordingly.

Please note: nominations for 2008/2009 Board are currently being sought. If you are interested or know anyone who might be, please inquire with anyone on the Board.

Stay tuned for March's presentation - Plant tour to Southwest Metrology. I have often wondered, what really happens when I send out my electrical/mechanical equipment for calibration?

Elías Monreal  
TOPS Chair





## TOPS Call for SARSEF Volunteers

ASQ is looking for Science Fair judges on Tuesday, March 18, 2008. This is for a fast paced judging of every Science Fair project between breakfast and lunch. There will be 1300 to 1500 projects to be judged, ranging from kindergarten to high school. All projects will be judged on the use and analysis of data to support or refute the student's hypothesis. This is a great opportunity to see the work of tomorrow's scientists and engineers.

To sign up, go to <http://sarsef.org> and click the Volunteer block. Then click Judging Signup. Click the orange colored Click Here to Signup for Judging online. Fill in only the top section of the Judge Application Form ending with the email address. Be sure to list American Society for Quality on the Organization line. Submit at the bottom of the page.

The judges will meet for breakfast and do all judging in the morning. Judges are encouraged to stay in the afternoon to talk with middle and high school students. A calendar of events will be sent to you after you sign up.

**Feb 08:** Engineer's Week @ UofA  
Phoenix Mars Scout Mission  
– Rigel Woida

**2/10/08:** Volunteers for Giving Tree

**Mar 08:** Tour at Southwest Metrology

**3/6/08:** Volunteers for Career  
Workshop

**3/11/08:** Volunteers for SARSEF

**Apr 08:** SARSEF (Science Fair)

**4/19/08:** Regional Training

**5/5-7/08:** WCQI

**May 08:** APICS/ASQ Joint Meeting  
Supply Chain –  
Dwight Comer

#### Potential Workshops Speaker/Topic:

- How to "sell" ideas Workshop
- Lean – J.Harrison / J.Young

## TOPS Call for 10<sup>th</sup> Annual Career Workshop Volunteer

The Metropolitan Education Commission in conjunction with the University of Arizona and the Pima and Santa Cruz Tech Prep Consortium is hosting the 10<sup>th</sup> annual "Employment Workshop, Expo and Resource Fair" for high school students in the Pima and Santa Cruz school districts. This initiative is designed to inspire students to pursue a course of study that will prepare them for college with high tech and high paying careers. This career workshop will allow 1000 students to access 150 – 200 exhibits as well as 11 theaters displaying information for a host of high tech careers from various industries. This will cover technology areas such as: Optics, eLearning, Media Arts, Aerospace, Biotechnology, Nanotechnology, Environmental Technology, New Age Materials, Information Technology, Hospitality and Tourism, Health Care and Architecture & Construction.

**This event will be held on March 6, 2008 at the Pima Air and Space Museum, 6000 E. Valencia, Tucson from 8:30 am - 2:00 pm.** Organizations that are already committed to this event are Raytheon, IBM, Texas Instruments, University of Arizona and many others.

If your organization would like to be involved in this event and have a chance to influence high school students to move towards a technology discipline that is essential for the future than consider hosting an exhibit for this event.

Contact Steve Peters, Project Coordinator Ph # 520-321-1309, or e-mail [stevepeters@tucsonlink.org](mailto:stevepeters@tucsonlink.org). Also Metropolitan Education Commission, Dr. June Web Vignery Ph # 520-670-0055, [metcom@theriver.com](mailto:metcom@theriver.com)

Check out their web links at <http://www.tucsonlink.org/keysteer08/>

## ASQ/APICS Teaming up to feed the Homeless

ASQ-TOPS and APICS are teaming up to feed the homeless. We will undertake to work together to assist the "Giving Tree" organization in feeding 200 + homeless people on the 24<sup>th</sup> of February, 2008. Select the menu item you can prepare and we will meet at 4:30 PM on the Giving Tree lot (22nd & Columbus next to the Palm Tree Court) and serve up hot food to disadvantaged people who desperately need our help. For further information email: [dlcomer3@yahoo.com](mailto:dlcomer3@yahoo.com)



Tucson Old Pueblo Section(TOPS-<http://www.asq707.org/>), local chapter of ASQ is pleased to announce that the following individuals have completed the requirements of their individual national examination on December 1, 2007.

**Certified Quality Auditor(CQA)** (883 individuals nationally passed)

Jeff O. Lewis  
Richard S. Abel  
Sanjay Sinha  
Steve R. Ludium  
Ted K. Naone

**Certified Quality Engineer(CQE)** (864 individuals nationally passed)

Alexander Y. Lule  
Chris Vickery  
James L. Skinner  
Victor Solorza

**Certified Quality Improvement Associate(CQIA)** (347 individuals nationally passed)

Christina L. Gordon  
David Furr

**Certified Software Quality Engineer(CSQE)** (139 individuals nationally passed)

Ilex Zelena Moeller  
Sandra Gill

The American Society for Quality-ASQ ([www.asq.org](http://www.asq.org)) is the world's leading authority on quality. With more than 100,000 individual and organizational members, the professional association advances learning, quality improvement, and knowledge exchange to improve business results, and to create better workplaces and communities worldwide. ASQ provides certification as a way to provide formal recognition to professionals who have demonstrated an understanding of, and a commitment to, quality techniques and practices in their job and career. These national examinations are administered by the local chapters of ASQ.

Since 1968, when the first ASQ certification was given, more than 100,000 individuals have taken the path to reaching their goal of becoming ASQ-Certified in their field or profession. This is the most important milestone in a quality professional's developmental career. Certification is one of the most desirable training paths, as it makes the employee more competent, thus more marketable. Certification is one way for quality professionals to gain professional status and to distinguish themselves from others; however, certification is neither a registration nor a license. To learn more about ASQ's Certification program, visit: <http://www.asq.org/certification/>

**MESSAGE FROM REGION 7 DIRECTOR**



**Subject: ASQ Region 7**

Hello ASQ Region 7 Nominating Chairs,

I wanted to take an opportunity to make sure you were aware of the early timing of the ASQ Regional Leadership Training in 2008.

Our training event this year will be in Palm Springs on April 19, 2008.

Because of this early start, we need to make sure that the timing for 2008-2009 elections is effectively attended. Please begin your nominating process now.

Every year, each section must elect a: chair, treasurer, secretary, audit committee chair, nominating committee chair, and membership chair. Your own section's operating agreement may even call for additional positions.

We would like to have candidates for every position of every section present at the training in Palm Springs. So...calls for nominations should happen now, allowing a month for submittal. Then candidates can be identified in March, this allows the candidate to allocate his or her time to the April training. This allows candidates, as yet elected or not, to be introduced to our network and all the peers and mentors who are available to help them in their potential executive committee position.

Please let me know if you have any questions or issues with your election process.

Sincerely,  
Holly Duckworth  
Region 7, Director

**ASQ Medals of Distinction Awarded**

ASQ will present [nine medals of distinction](#) during its World Conference on Quality and Improvement in Houston, Texas. The recipients are recognized for their innovative contributions and achievements in the area of quality methodology. They are:

**Brumbaugh Award:** George E.P. Box and Carmen Paniagua-Quinones

**Crosby Medal:** Peter Patton and Bijay Jayaswal

**Deming Medal:** H. Thomas Johnson

**Feigenbaum Medal:** Elizabeth Cudney

**Freund-Marquardt Medal:** Ofelia U. Barretto

**E.L. Grant Medal:** Tom Pyzdek, Tucson AZ

**Ishikawa Medal:** John Timmerman

**E. Jack Lancaster Medal:** Madhav Sinha

**Juran Medal:** Sister Mary Jean Ryan, FSM

**Shewhart Medal:** Jeff Wu

**Board Meetings**

The Board meets the first Tuesday of every month at Arizona Inn (Old Embassy Suites by Airport) at 5 PM. Any member is welcome to attend.



## Ready to Improve Your Business Performance



“We went from a tier 4 supplier to a tier 1 supplier with our largest customer. A good consultant pays for themselves ten-fold.”

**Bob Edwards, President**  
Ascentec Corporation

We are a full service leading provider of:

- ISO 9001 Quality System
- ISO/TS 16949 Automotive
- Lean Six Sigma
- Strategy Mapping
- 5S Organization
- Management Systems
- AS9100 Aerospace
- ISO 14001 Environmental
- Organizational Assessment
- Quality Systems Training
- Internal Auditing
- Performance Measurement

“Sustaining Edge Solutions provides excellent customer service. Our management system has resulted in gained efficiencies for the entire organization.”

**Richard Gomez, Director of Quality**  
MedAire International

### Our List of Customers Speaks to Our Experience:

*Intel Corporation, The Dial Corporation, Freescale Semiconductor, Universal Avionics Systems Corporation, Cytac Engineered Materials, General Rubber Corporation, Ascentec Process Equipment, Evergreen Air Center Incorporated, J&M Products Inc., M.C. Davis Company, Werner Aero Corporation, S&M Moving Systems, Inc., Aircraft Inventory Management & Services Ltd., MedAire International Inc., Triad Electronic Technologies, Ducommun Technologies, HVVI Semiconductors, Inc., Hawkeye Precision, Inc., Lindel Engineering.*

For information call 520-572-9642 or visit us at [www.sustainingedge.com](http://www.sustainingedge.com)

## ASQ NEWS

### **New Quality Progress Web Site**

The new [www.qualityprogress.com](http://www.qualityprogress.com) Web site has been launched. Visit the site today for Web-only content, daily news headlines, new tools, and interactive features. The site was created in conjunction with the newly redesigned *Quality Progress* magazine, which features a clean, modern look and design features to enhance readability and contribute to readers' overall experience with the magazine.

### **2008 Quality Institute for Healthcare**

The 2008 [Quality Institute for Healthcare](http://www.asq.org/qihc) (QIHC) will be held in conjunction with ASQ's World Conference, May 5-7, in Houston, Texas. The QIHC will explore how the U.S. healthcare system can embrace systems engineering to deliver safer, more effective patient-centered care. Healthcare leaders and quality practitioners—from administrators and managers to clinical directors—who are interested in developing the quality improvement skills and knowledge needed to successfully manage a complex healthcare environment are invited to attend.

### **New Results From Ideas to Action Gathering**

Last September, nearly 200 member leaders met for the fourth Ideas to Action Gathering in Milwaukee to explore how they can better serve ASQ members and provide Extreme Member Value. Visit the [Ideas to Action Web site](http://www.asq.org/ideas-to-action) to read a message from Mike Nichols, ASQ president, and examine the action agenda.

