

# ***QUALITY CONNECTIONS***

## ***Message From the Chair***

Dear Members,

*Pam Thompson*

### ***WELCOME TO OUR NEW MEMBERS***

The following new ASQ members joined the Southern Jersey Section during the past month. As part of our Section's policy, the Executive Board would like to invite these new members to join us at the February Section Meeting. You'll have an opportunity to network with your colleagues – and your Dinner is **FREE**.

**Neil Desai**

**Valerie Liberto**

**Lisa Pendarvis**

**Linda Sanders**

## **South Jersey Section Dinner Meeting**

**DATE**                    **Thursday February 19, 2009**

**TIME**                    6:00 PM    Networking  
6:30 PM    Dinner  
7:30 PM    Presentation

**LOCATION:**            ***Mays Landing Country Club***  
531 Route 38 West  
Maple Shade, NJ

**DINNER**                **Buffet**

**RESERVATION:** If you plan to attend, please advise Tom Mudge at 609-720-2539 or [tom.mudge@wgint.com](mailto:tom.mudge@wgint.com) by **Friday February 13, 2009**.

**COST:**                    **\$15.00**

**TOPIC:**                **Reducing The Fatal Aviation Accident Rate / An overview of the FAA Aviation Safety Research & Development Program**

Safety Goal: To achieve the lowest possible accident rate and constantly improve safety. The FAA is targeting its research at the most critical safety issues.

**SPEAKER:**            **NELSON J. MILLER, Ph.D.**

As Program Director for FAA/NASA Aviation Safety and Security, he assures collaboration between the two governmental agencies. He monitors overall R&D program status in safety and security and oversees accomplishment of the FAA's major goals in these areas.

As Manager, Aircraft Safety, he has the responsibility for fire safety, flight safety, atmospheric hazards, aircraft icing, and information systems technology. Nelson Miller was the Research Director of the Research Directorate for Aircraft Safety at the FAA Technical Center. In this position, he had the responsibility for the operation and development in engine and fuel safety, crashworthiness and structural airworthiness, flight safety, and fire safety. Other programs within his purview included aging aircraft, and data base aircraft registry.

He was the Director's Special Assistant for Information Systems. He has served as the Center's Evaluation Officer as well as Engineering Officer for the Engineering Management Staff, and has served as Project Manager on major Center programs. Nelson came to the Center in 1970 as an Aerospace Engineer.

Nelson's industry experience includes such areas as stability and control, aerodynamic analysis, wind tunnel and flight testing, and aeroelastic analysis of aircraft structures, with several companies: Boeing, Kellett Aircraft, and Johnsville Naval Air Development Center.

Nelson has a Bachelor of Science degree in Aeronautical Engineering from Pennsylvania State University, and a Master's degree in AeroEngineering from Drexel Institute of Technology. He has a Ph.D. in engineering from Drexel University and Kennedy-Western.

Nelson was an associate fellow of the American Institute of Astronautics and Aeronautics. He was a member of the AIAA Technical Committee on Management. He also served as a member of the working group on Aerospace Technology for the Governor's Commission on Science and Technology of New Jersey. He received the FAA's Equal Employment Opportunity Award for Excellence, the highest agency award for achievement, which was presented to him by the Administrator. He also received the Outstanding Citizen Award from the Eagle Flight Explorer Post and Pilot Training Organization.

## SCC Receives \$1.7 million Energy Technology Grant

Thursday, January 22, 2009

By Phil Dunn

[pdunn@sjnewsco.com](mailto:pdunn@sjnewsco.com)

CARNEYS POINT TWP. - Salem Community College has been awarded a \$1.7 million federal grant to provide workforce development in the area of nuclear energy technology and sustainable energy technology.

The community-based job training grant from the U.S. Department of Labor will allow SCC to work closely with PSEG Nuclear and Energy Freedom Pioneers to provide and associate's in applied science degrees in both nuclear and sustainable energy.

Funds for the grant will be available in April.

"The grant provides a tremendous opportunity to create degree programs with our partners in nuclear energy technology and sustainable energy technology," said President of SCC Dr. Peter B. Contini.

The partnership with PSEG Nuclear in Lower Alloways Creek and Salem and Energy Freedom Pioneers in Oldmans Township will allow students to not only get textbook education on these subjects, but hands-on experience for immediate employment after graduation.

"These programs have great job potential and will assist in Salem County's economic development," said Contini. "Clearly, the broad-based partnerships played a key role in the award of the grant."

Programs in sustainable energy allow students to get involved in the ever-growing green energy movement. Students will learn technical skills in the areas of solar, biodiesel, wind and anaerobic digestion.

"Energy Freedom Pioneers concentration is to reach out to the community and provide jobs in the field of green energy," said Brian Blair, president Energy Freedom Pioneers. "Our tenets will be able to providing cutting edge technology for the students."

The funds given to SCC will also help boost a fledging program in nuclear technology at the community college.

Upon launching the Energy Utility Technology program in 2008, PSEG has been working with others in the nuclear industry and with the Institute of Nuclear Power Operations (INPO) and the Nuclear Energy Institute (NEI) to develop a standardized nuclear training curriculum that could be taught by community colleges nationwide.

This will allow nuclear plant operators to hire graduates out of multiple programs with confidence of consistent training.

'Obviously, this can help us to develop people we can hire,' said Anndria Gaerity, director of nuclear development for PSEG. 'But we are also looking to give scholarships for 10 of the students, and provide a paid internship at the plant in the summer.'

Students graduating in this field are expected to earn an average \$72,000 a year, Gaerity said.

The award of the grant was announced by U.S Rep. Frank A. LoBiondo, R-2nd Dist. Along with the \$1.7 million for Salem Community College, Atlantic Cape Community College will receive \$1.2 million for job training programs focused on geospatial technology.

'As the economy continues to struggle and finding work grows increasingly difficult, effective job training programs must be utilized to their fullest potential to give workers a leg up on the competition,' said LoBiondo. 'Community colleges have long been successful in giving their students a solid educational foundation in which to build their careers.'

Partners involved in the development of these new programs include PSEG Power, LLC, the Center for Energy Workforce Development, Energy Freedom Pioneers, Salem County high school districts, Salem County One-Stop Career Center, Ranch Hope/Strang School and the Calvary Community Development Corp.

## UPCOMING EVENTS

Date	Topic	Speaker	Location
<b>Feb. 19, 2009</b>	<b>Reducing the Fatal Aviation Accident Rate</b>	<b>Dr. Nelson Miller</b>	<b>Mays Landing CC Mays Landing, NJ</b>
<b>March</b>	<b>Future City (Tentative)</b>	<b>TBD</b>	<b>Adelphia Deptford, NJ</b>
<b>April</b>	<b>Joint Meeting with SJMCA and IIE</b>	<b>TBD</b>	<b>TBD</b>
<b>May</b>	<b>Annual Recognition Night</b>	<b>TBD</b>	<b>Adelphia Deptford, NJ</b>

## ***Section Achieves SMP Total Quality Level***

ASQ measures the performance of Sections through the Society's Section Management Program. Under this program, each Section is required to develop an Annual Business Plan that establishes the goals for the membership year (July 1<sup>st</sup> to June 30<sup>th</sup>). The achievement of the goals must be measurable with established acceptance criteria. The Section has been advised that, because it reached 75% of its established goals, it has achieved the highest level (Total Quality Level) for the membership year 2007-2008. Congratulations to the members who contributed to the Section's effort in achieving this award.

ASQ also recognizes Sections for member loyalty and satisfaction. Each year, members are requested to answer an on-line survey. The results of that survey are used to measure the section's ability to serve their members' needs. The Society offers three award levels for this effort – Gold, Silver and Bronze. The Section has been advised that Southern Jersey has received the Bronze Award for the 2007-2008 membership year.

The Section will be recognized at the World Conference on Quality and Improvement that will be held in May in Minneapolis, MN. Anyone planning to attend the World Conference should arrange to attend the awards ceremony that will be held the Saturday evening before the conference starts.

## ***Hopewell Crest School Wins Section's FC Award***

Each year for the last seven years, the Southern Jersey Section has sponsored a Special Award at the Philadelphia Regional Finals of the Future City competition. This year's winner is the Hopewell Crest School located in Bridgeton, NJ. We are hoping to have the winning team attend our March meeting and present their City of the Future.

The Future City competition is a national engineering based team competition for 7<sup>th</sup> and 8<sup>th</sup> Grade students. The competition requires the team (three students, a teacher and an engineer mentor) to design a city one hundred fifty years in the future. The team must (1) develop a computer model using the SimCity software, (2) prepare an brief abstract describing their city, (3) answer an essay question, (4) build a physical model of a portion of the city – 30"W x 50"L x 20"H, (5) make a five minute presentation to a panel of judges and answer the judges questions. For more information on the Future City Program go to [www.futurecity.org](http://www.futurecity.org)

## ***EMPLOYMENT SERVICES***

***Are you trying to fill an opening in your QA/QC group?***

One of the most important services that we can provide to our members is assistance in finding employment, especially in today's economy when a lot of companies are downsizing. If your company is looking for quality professionals, please provide the pertinent information to **Mike McCarroll** and we'll post it on our web page at **NO CHARGE**. Although we'll also include the information in our next newsletter, the web page information will be posted almost immediately.

Check our website <http://www.southjerseyasq.org/> for the most current listings.

## MANAGER OF QUALITY ASSURANCE

Join a well recognized and highly regarded aerospace company that specializes in the design and manufacturing of safety-related products for military and aerospace applications as the **Manager of Quality Assurance [MQA]**. *We are looking for candidates with a background in aerospace product quality assurance.* This restructured leadership position is needed to develop, maintain and strengthen all quality systems and ensure quality compliance by the entire organization based in Pennsauken, NJ. The **MQA** will produce the following significant actions and results:

- **Review of Current QA System:** The **MQA** must rapidly assess the current status of the company's quality assurance processes. At the completion of this initial review, the **MQA** will review findings with senior management and recommend an action plan.
- **Organizational Structure:** Proactively build and manage a high performing team. This includes assessing the current personnel, reorganizing if necessary and oversight of team to ensure performance.
- **Transform Quality Assurance Culture:** The **MQA** will implement change processes to transform the Quality Assurance culture from relying on in-process inspection to a culture that is proactive with quality processes designed into production.
- **Quality Improvements:** The **MQA** must elevate the company's focus on quality, including achieving greater production efficiencies while ensuring the accuracy and integrity of the work. This will involve getting involved in programs and projects at their inception, developing an understanding of customer requirements, and ensuring that the company's quality procedures will meet those requirements.
- **Testing:** The **MQA** will be responsible for the coordination and results of all processes and testing as well as for the preparation of appropriate test reports.
- **Certifications:** Achieve AS9100 certification at one facility and retain ISO 9001 certification at another.
- **Suppliers:** The **MQA** will develop a supplier Quality plan that ensures all requirements are properly flowed down to the suppliers.
- **Customer Interaction:** The **MQA** will be involved both indirectly and directly with customers throughout projects in the review of contracts and customer requirements, etc.
- **Front-load Quality Assurance:** Ensure that QA is implemented early in design and production planning to anticipate quality assurance issues in production processes.
- **Implement Metrics:** Implement a quality metrics program. Analyze currently available data and determine what metrics are meaningful and utilize industry standards to compare established metrics and set standards for improvement.

The ideal candidate will have the following education, work history, knowledge and skills:

**Education:** Bachelor Degree required, preferably in Engineering or Physical Science. MS Degree is a plus.

**Experience, Knowledge and Skills:** Five plus years of aerospace product quality assurance experience, with three to five years of overall quality management experience. Job progression should be from technical, design or process engineering into quality, and into a management role. Experience with engineered safety-related products for military and aerospace applications is desirable. Excellent written and verbal skills are mandatory. Experience with and oriented toward metrics in business analysis. Experience with having obtained an ISO 9001 and AS9100 certification is desired.

Contact: Dan McKeever- (760) 773-4977 [dan2@bobsearch.com](mailto:dan2@bobsearch.com)

# EXECUTIVE BOARD FOR 2008 - 2009

A complete listing of the Section's Executive Board for 2008 – 2009 is provided below. Individuals interested in getting involved with Section Leadership activities may contact anyone on the Executive Board. The term of the Executive Board runs until June 30, 2009.

Position	Name	Telephone	E-mail
Section Chairman	Pam Thompson	856-969-7222	<a href="mailto:Pamela.thompson@pinnaclefoodscorp.com">Pamela.thompson@pinnaclefoodscorp.com</a>
Chair-Elect	<b>OPEN</b>		
Secretary	Carl Keller	856-205-1131	<a href="mailto:ckeller@serenips.com">ckeller@serenips.com</a>
Treasurer	Maureen Carrozza	215-451-8453	<a href="mailto:Mcarrozza320@comcast.net">Mcarrozza320@comcast.net</a>
Membership Chair	Sharry Masarek	856-489-9453	<a href="mailto:smasarek@transcat.com">smasarek@transcat.com</a>
Past Chair	Francois They	856-327-4800 X4147	<a href="mailto:francois.thery@arc-intl.com">francois.thery@arc-intl.com</a>
Program Chair	Carmen Rodriguez	215-573-1103	<a href="mailto:Rodriguez@xrt.upenn.edu">Rodriguez@xrt.upenn.edu</a>
Auditing Chair	David Cranston	856-224-1120	<a href="mailto:davecranston@hpsseals.com">davecranston@hpsseals.com</a>
Examining Chair	Mary Dodds		<a href="mailto:Mary.Dodds@teleflexmedical.com">Mary.Dodds@teleflexmedical.com</a>
Education Chair	<b>OPEN</b>		
Re-certification Chair	Lisa Randolph	856-753-8533 X204	<a href="mailto:lrandolph@EPMedSystems.com">lrandolph@EPMedSystems.com</a>
Internet Liaison	Earl Ward	610-670-3553	<a href="mailto:calibrationdude@gmail.com">calibrationdude@gmail.com</a>
Newsletter Editor	Tom Mudge	609-720-2539	<a href="mailto:Tom.mudge@wgint.com">Tom.mudge@wgint.com</a>
Area Director (AC)	Dorothy Smolend	609-569-9255	<a href="mailto:Smolend@enroute-computer.com">Smolend@enroute-computer.com</a>
QMP	Carl Keller	856-205-1131	<a href="mailto:ckeller@serenips.com">ckeller@serenips.com</a>
Placement Chair	Mike McCarroll		<a href="mailto:Mmccarroll435@comcast.com">Mmccarroll435@comcast.com</a>
Historian	Michele Bradbury	856-339-3385	<a href="mailto:Michele.Bradbury@pseg.com">Michele.Bradbury@pseg.com</a>

**Volunteer contact information is posted solely for the use of those individuals wishing to contact a section leader for more information about this section, ASQ, its programs, and/or services. Use of volunteer contact information for solicitation purposes is prohibited.**