



**Harrisburg  
Section**  
The Global Voice of Quality™

## Monthly Meeting Notice and News: April 2017

**When:** **Wednesday, April 12, 2017**  
Registration: 5:30 p.m. - 6:30 p.m.  
Dinner: 6:30 p.m. - 7:30 p.m.  
Program: 7:30 p.m. - 9:00 p.m.

**Where:** **Shoppes at Cedar Cliff**  
1104 Carlisle Road  
Camp Hill, PA 17011

**Directions:** The Aquaponics store location is in the back of the main mall building. When you enter the mall - there will be Sweet Frog on your right and CVS on your left. Drive straight back to the end of the building that houses Sweet Frog and signage is not up yet. It will be the only occupied store in the back of the building and it will be very green with plants. USE GOOGLE MAPS FOR ADDITIONAL DETAILED DIRECTIONS TO THE SHOPPES AT CEDAR CLIFF.

**Menu:** **Buffet:** Fresh Herb Berry Salad, Aquaponic Grown Basil, Mint and Arugula with Fresh Berries, Crumbled Feta Cheese, and a Limoncello Vinaigrette; Garlic Soy-Glazed Flank Steak with Aquaponic Pea Shoots, Aquaponic Kale and Feta Stuffed Chicken Breast with Lemon Beurre Blanc; Red Pepper Swirled Yukon Mashed Potatoes, Local Seasonal Vegetable Medley; Assorted Cookies and Brownies; Fresh Brewed Iced Tea and Water, Coffee Station

**NOTE:** Due to the special nature of this meeting, there is a 50 person maximum for this meeting. Advanced Registration is required and Early Registration is recommended.

**Please register on-line, NO LATER than 2:30 pm on Wednesday, April 5, 2017 at:**  
<http://www.asq-harrisburg.org/dinnermeetings.php>

**Preregistration: Members: \$25.00, Guests: \$30.00, Students: \$15.00**

**If registering a guest on-line, please use the comment field to provide the names of our guests.**

**What: Aquaponics – Process, Regulations, and Opportunities for Quality Control:**

Quality Control in aquaponics must necessarily focus on three areas: 1. microbial safety and edible quality of the final food products, both plants and fish; 2. quality of the growth environment for maximizing plant growth; and, 3. education of system operators. The presentation will introduce aquaponics technology as a means for increasing global food security while simultaneously reducing water and energy inputs, then focus on elements of the Food Safety/GAP harvesting plan that systematically minimize the introduction of bacteria pathogenic to humans into the aquaponic system and final produce. It will also focus on the biological and chemical processes that produce healthy plants at a maximal rate. These processes are dynamic across the pH ranges in which plants grow, involve several species of bacteria with different requirements for growth and reproduction, and are essential to survival of the fish and plants. Lastly, the presentation will address the application of quality control principles to educational processes for systems operators and invite feedback from the audience. Aquaponics has much to learn from application of quality control procedures to these areas.

**Who: Dr. David K. Foster**


Dr. David K. Foster is Chief Scientist for Intag Systems, Harrisburg, PA and Professor of Biology and Environmental Science at Messiah College. His background is in Plant Ecology with experimental work in maximizing plant growth rates in aquaponics systems and the modification of waste to nutrient systems in recirculating aquaponics. His current aquaponics research focuses on quality control in Aquaponics within food product quality and control of the biochemical processes of waste to nutrient conversions as well as production of medicinal and economically important plants. His lifelong interests center on how native peoples use plants for food and medicine. Dr. Foster grew up in the northern Wisconsin along the shores of Lake Superior where he spent more than three years living outdoors. Dr. Foster has a BS in Biology (Eastern University, 1990); a MS in Conservation Biology and Sustainable Development, and a PhD in Botany (University of Wisconsin- Madison 1993, 1998). Dr. Foster also is Chair of the Executive Board for AuSable Institute of Environmental Studies; has taught for the Creation Care Studies Program (1999-present); and is a member of the Pennsylvania Academy of Sciences and the Society of American Foresters.

<b>ASQ Harrisburg-Lancaster-York SECTION MEETING SCHEDULE 2017</b>				
<b>MEETING DATE</b>	<b>REGISTRATION DEADLINE</b>	<b>TOPIC</b>	<b>SPEAKER</b>	<b>LOCATION</b>
<b>01/11/17</b>	<b>01/06/17</b>	<i>ISO 9001:2015 - The Next Generation: Highlights of New Concepts With A Focus on Context of the Organization</i>	<i>Judi Markel, Owner ISO Advantage, LLC</i>	<b>Harrisburg</b>
<b>02/08/17</b>	<b>02/03/17</b>	<i>Minimize Tribal Knowledge Erosion as Baby Boomers Retire</i>	<i>Tim Wickard Director Quality Systems Carlisle Construction Materials</i>	<b>Lancaster</b>
<b>03/08/17</b>	<b>03/03/17</b>	<i>Driving Productivity with the Power of 3D Printing</i>	<i>Allan Pincus Director of 3D Printing Design-Point</i>	<b>York</b>
<b>04/12/17</b>	<b>04/07/17</b>	<i>Aquaponics- Process, Regulations, and Opportunities for Quality Control</i>	<i>Dr. David Foster Chief Scientist Integrated Agricultural Systems</i>	<b>Camp Hill</b>
<b>05/10/17</b>	<b>05/05/17</b>	<i>Organizational Knowledge and Social Media: How should a QA professional "like" this mix?</i>	<i>Paul Armstrong Chief Innovation Officer eNthusaProve, LLC</i>	<b>Lancaster</b>
<b>06/14/17</b>	<b>06/09/17</b>	<i>Section 503 Recognition &amp; Awards Social Night Keynote Speaker</i>	<i>Dr. Robert Gee President American Meridian University</i>	<b>York</b>
<b>09/13/17</b>	<b>09/08/17</b>	<i>Planning for Failure: the Power of Defensive Pessimism</i>	<i>John Sharp Global Quality Leader TE Connectivity</i>	<b>Harrisburg</b>
<b>10/11/17</b>	<b>10/06/17</b>	<i>Carlisle Construction Materials Plant Tour 1555 Ritner Highway, Carlisle, PA</i>	<i>Tim Wickard Director Quality Systems</i>	<b>Carlisle</b>
<b>11/08/17</b>	<b>11/05/17</b>	<i>Dealing with Difficult Team Members and Stakeholders</i>	<i>Myles Miller CEO &amp; Founder LeadUP</i>	<b>York</b>
<b>12/13/17</b>	<b>12/08/17</b>	<i>Teaching "Quality and Continuous Improvement" at a Business School</i>	<i>Robert O. Neidigh, Ph.D. Assistant Professor Shippensburg University</i>	<b>Harrisburg</b>



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Advertisement(s)

 <b>DBS Quality Management Int'l</b> ISO 9001/AS9100/ISO 13485/TS16949 Quality Systems Assessments, Training & Development Access Database Development and Lean Six Sigma Implementation Web Site: <a href="http://dbsqualitymgmt.com">dbsqualitymgmt.com</a>		
Dates	2017 Winter/Spring Training Programs	Cost/Person
<b>3 Sessions:</b> February 23 April 26 June 8	<p align="center"><b>Understanding ISO 9001:2015:</b></p> <p>This day is designed to provide an understanding of ANSI/ISO/ASQ 9001:2015 quality management systems requirements for implementation. The training will examine the 10 specific clauses of the standard, Management's role, business operational processes tied to metrics (Key Performance Indicators, "KPI's"), the application of the "Risk Management Process" and review of examples. A key aspect of the course presents methods to document your business management processes to meet the requirements of the standard. Understanding through feedback workshops.</p>	<b>\$450/person</b>
<b>3 Sessions:</b> February 23 & 24 April 26 & 27 June 8 & 9	<p align="center"><b>2 Day ISO 9001:2015 Internal Auditor Training</b></p> <p align="center"><b>Day 1: Understanding ISO 9001:2015 as listed above</b></p> <p align="center"><b>Day 2: Audit Mechanics-Process Based Audit Methodology:</b></p> <ul style="list-style-type: none"> <li>❖ The Auditor, Auditee, Audit &amp; Audit Preparation</li> <li>❖ Auditing Documented Information</li> <li>❖ Develop the Process Audit Plan</li> <li>❖ Process Audit Preparation</li> <li>❖ Auditing Metrics, Goals and Performance</li> <li>❖ Auditing for Compliance</li> <li>❖ Writing the Process Audit Report</li> <li>❖ Root Cause Analysis &amp; Corrective Action Plan</li> <li>❖ Corrective Action Verification and Closure</li> <li>❖ Audit skill development through individual, team, and role play sessions</li> </ul>	<b>\$750/person</b>
<b>3 Sessions:</b> January 12 & 13 March 23 & 24 May 23 & 24	<p align="center"><b>2 Day AS9100 D-2016 Standard Training</b></p> <p align="center"><b>Day 1: Understanding ISO 9001:2015; Base Requirements for AS9100D.</b></p> <p align="center"><b>Day 2: AS9100D-2016 Additional Requirements to ISO 9001:2015.</b></p> <p>This day concentrates on the AS9100 revision "D" (2016) aerospace supplements over and above the requirements of the ISO 9001-2015 Standard, the application of AS9101F Audit Criteria/Requirements, AS9104/1, changes in the OASIS database and implementation strategies for certification preparation. Key changes of AS9100C to AS9100D-2016 will be reviewed. A specific focus is the review of the "Most Common Gaps" in AS9100C certified companies transitioning to AS9100D to use as an upgrade development tool. Understanding through study workshops</p>	<b>\$750/person</b>
<b>2 Sessions:</b> March 1 May 18	<p align="center"><b>1 Day ISO 13485:2016 Training</b></p> <ul style="list-style-type: none"> <li>❖ Introduction</li> <li>❖ Structure, Scope &amp; Definitions</li> <li>❖ Based on ISO 9001:2008</li> <li>❖ Risk Management</li> <li>❖ Process Clauses</li> <li>❖ Medical Device Clauses</li> <li>❖ Procedures Required</li> </ul>	<b>\$450/person</b>
<p align="center"><b>Principal Instructor: Michael J. Dougherty, Certified Lead Auditor ISO 9001, AS-9100, &amp; ISO 13485</b></p> <p><b>Courses Include:</b>  Training material &amp; continental breakfast. Lunch is on your own.  Courses run from 8:30 AM to 4:30 PM.  Please bring a copy of the topic appropriate Standard for reference</p> <p align="center"><b>Course Location:</b>  Holiday Inn, 1750 Sumneytown Pike, Kulpsville, PA 19443. Ph. (215) 368-3800  At Exit #31 (Lansdale) Northeast Extension of the PA Turnpike  Registration Forms available on our Web Site <a href="http://www.dbsqualitymgmt.com">www.dbsqualitymgmt.com</a></p> <p align="center"><b>Contact Deidra to register. Phone: 215-368-6266, Fax: 215-393-4873, e-mail: <a href="mailto:deidradoc@aol.com">deidradoc@aol.com</a>.</b></p>		



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## Leadership Committee -- 2017

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### **ASQ Web Site:**

[www.asq.org](http://www.asq.org)

### **Section Home Page:**

[www.asq-harrisburg.org](http://www.asq-harrisburg.org)