



ASQ RALEIGH SECTION
1113 PO Box 5462
Cary, NC 27512-5589

ASQ RALEIGH'S 2019
QUALITY IN THE TRIANGLE CONFERENCE
The Quality Professional May 7, 2019

PRE-CONFERENCE WORKSHOPS
May 06, 2019

REGISTER NOW: asqraleigh.eventbrite.com
Early Bird Registration ends April 30, 2019



Raleigh
Section
The Global Voice of Quality™

ASQ Raleigh Pre-Conference and
Conference Workshops | May 06 - 07, 2019

QUALITY IN THE TRIANGLE CONFERENCE

TUESDAY, MAY 07, 2019

The Quality Professional

NORTH CAROLINA STATE UNIVERSITY

McKimmon Center, 1101 Gorman Street, Raleigh, NC 27606



Pre-Conference Workshops May 6, 2019

REGISTER NOW: asqraleigh.eventbrite.com

ASQ RALEIGH QUALITY IN THE TRIANGLE CONFERENCE

The Quality Professional

ASQ Raleigh Pre-Conference & Conference Workshops | MAY 6- 7, 2019

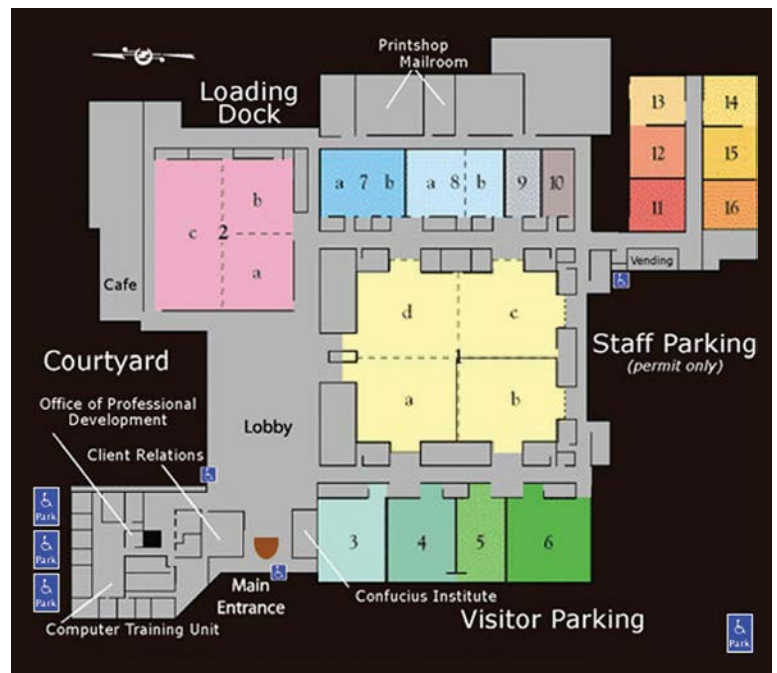
North Carolina State University | McKimmon Center, 1101 Gorman Street, Raleigh, NC 27606

REGISTRATION FEES	Early Bird Registration: Members & Non-Members	Early Bird Registration: Students & Retired Members	Regular and Onsite Registration: Members & Non-Members	Regular and Onsite Registration: Students & Retired Members
WORKSHOP #1 May 06, 8:00 am – 12:00 pm Leveraging DISC for Keeping Your Edge This workshop requires completion of the online DISC test by 05/03/19 for active discussion on scoring and participation during the workshop. Although you may take the test late, no discussion on your score will be completed if completed after 05/03/19.	\$79	\$59	\$99	\$79
WORKSHOP #2 May 06, 1:00 pm – 5:00 pm Big Data and Advanced Analytics for Quality Professionals	\$79	\$79	\$99	\$89
ASQ QUALITY IN THE TRIANGLE 2019 CONFERENCE The Quality Professional Tuesday, May 07, 2019, 7:30 am – 4:30 pm	\$99	\$99	\$129	\$99

REGISTER NOW! asqraleigh.eventbrite.com
 Early Bird Registration ends on April 30, 2019



Conference Chair:
 Gerald Zemble
 Senior Quality Specialist III, Purdue Pharmaceuticals



McKimmon Center Floorplan

ASQ Raleigh 2019 Quality in the Triangle Pre-Conference and Conference Workshops At-A-Glance

MAY 06 — PRE-CONFERENCE WORKSHOPS

8:00 am - 12:00 pm	Leveraging DiSC for Keeping Your Edge (Refreshments and lunch provided)	Jeffrey Soper, Executive Director, ISBPI Inc
1:00 pm - 5:00 pm	Big Data and Advanced Analytics for Quality Professionals (Refreshments and lunch provided)	Jim Duarte, Data Scientist & Principal, LJDUARTE and Associates, LLC

MAY 07 — ASQ RALEIGH QUALITY IN THE TRIANGLE CONFERENCE

7:30 - 8:00 am	Conference Registration, Continental Breakfast, and Exhibits	All Conference Participants
8:00 - 8:15 am	Welcome	Gerald Zemble, ASQ Raleigh Conference Chair Wendy Haines, ASQ Raleigh Section Chair
8:15 - 9:15 am	Opening Keynote: Quality: Leading or Bleeding Edge	Jeffrey Soper, Executive Director, ISBPI Inc.
9:15 - 9:35 am	Exhibits and Networking	All Conference Participants
CONCURRENT SESSIONS - 1A, 1B, 1C		
9:45 - 10:45 am	Session 1A - Auditing for Data Integrity I: Data Integrity Resources and Principles	Mary Chris Easterly, Associate Director, Quality System Improvements, Merck
9:45 - 10:45 am	Session 1B - Blueprint Interpretation	Joshua Worthley, Instructor at Danville Community College
9:45 - 10:45 am	Session 1C - Moving from a Good to a Great Facilitator	JD Solomon, Practice Leader at Jacobs
CONCURRENT SESSIONS - 2A, 2B, 2C - Note: 2C ends at 12:15		
10:55 am - 12:00 pm	Session 2A - Lean Principles Drive Contract Management Improvement	Fang Zhou, Senior Consultant, Valeocon Management Consulting
10:55 am - 12:00 pm	Session 2B - ASQ Recertification Process	Fred Rich, Quality Manager, Gregory Poole Equipment Company
10:55 am - 12:15 pm	Session 2C - Managing Complex Pharmaceutical Projects Across Continents	Heather Johnson, Head of Quality at PATH and President CEO of Montrose Consulting Inc.
LUNCH & BREAK		
12:00 - 12:50 pm	Lunch, Exhibits and Networking	All Conference Participants
CONCURRENT SESSIONS - 3A, 3B, 3C		
1:00 - 2:00 pm	Session 3A - Comparing the Similarities and Differences between Healthcare and Manufacturing Process Improvements	Rob Findling & Tedd Karr - Process Improvement, Vidant Medical Center
1:00 - 2:00 pm	Session 3B - Introduction to Geometric Dimensioning and Tolerancing	Joshua Worthley, Instructor at Danville Community College
1:00 - 2:00 pm	Session 3C - Getting Your Boss's Boss to Understand	JD Solomon, Practice Leader at Jacobs
CONCURRENT SESSIONS - 4A, 4B, 4C - Note: 4C ends at 3:30		
2:10 - 3:10 pm	Session 4A - Auditing for Data Integrity II: How to Conduct an Effective Data Integrity Audit	Mary Chris Easterly, Associate Director, Quality System Improvements, Merck
2:10 - 3:10 pm	Session 4B - So, You Think You're In Control: An Introduction to Variability Detection and Reduction	Larry Diener, Sr. Manager, Global Variability Reduction and Process Improvement
2:10 - 3:30 pm	Session 4C - Quality Risk Management	Heather Johnson, Head of Quality at PATH and President CEO of Montrose Consulting Inc.
3:10 - 3:30 pm	Networking	Conference Participants
3:40 - 4:00 pm	Closing Remarks	Gerald Zemble, ASQ Raleigh Conference Chair Jim Murrell, ASQ Raleigh Food Bank Chair

OPENING KEYNOTE | 8:15 – 9:15 AM



Quality: Leading or Bleeding Edge

Jeffrey Soper, Ph.D., Executive Director, ISBPI Inc.

For a number of years, Quality has strived for recognition and relevance. The primary thrust in these efforts has been the development of cutting-edge technical skills and the creation of a “Culture of Quality.” In this keynote address, Dr. Soper will examine the ramifications of these efforts, potential alternatives, and the implications on the Quality function and Quality professionals.

Additional speaker information in speaker Bios:

CONCURRENT SESSIONS 1A, 1B, 1C | 9:45 AM – 10:45 AM

SESSION 1A 9:45 am – 10:45 am

Auditing for Data Integrity I: Data Integrity Resources and Principles

Regulatory authorities around the globe are focusing on data integrity during their inspections of pharmaceutical and medical device companies. Many other industries are also finding value in incorporating data integrity concepts in their organizations. Quality auditors can help their organizations reduce risk by ensuring that data integrity issues are identified, risks are mitigated, and product or service quality is protected.

This session will address:

- Data integrity concepts and principles
 - Definition of terms such as Data, Raw Data, Metadata, Audit Trail, Data Governance, ALCOA (Attributable, Legible, Contemporaneous, Original, Accurate), ALCOA-plus (ALCOA+Complete, Consistent, Enduring, Available)
 - Prevention and detection of data integrity issues
 - The range of sources of data integrity issues
 - Data integrity as it is applied to paper and electronic records
- Regulatory requirements and guidance documents related to data integrity
 - Regulatory agencies such as Medicines & Healthcare Products Regulatory Agency (MHRA), United Kingdom; U.S. Food & Drug Administration
 - Industry organizations such as World Health Organization, Pharmaceutical Inspection Convention Pharmaceutical Inspection Co-operation Scheme, Parenteral Drug Association
- Specific areas where regulatory authorities focus their inspections to protect product or service quality
 - Trends and specific examples of global regulatory citations
 - Actions that regulatory authorities expect organizations to take when data integrity issues are identified

Attend this presentation to understand the current expectations for data integrity.

Audience: Individual who would like to learn basic data integrity concepts that should be applied within their organizations

Speaker

Mary Chris Easterly, Associate Director,
Quality System Improvements, Merck

Additional speaker information in speaker Bios:

SESSION 1B 9:45 – 10:45 am

Blueprint Interpretation

A picture is worth a thousand words and in a manufacturing setting, one of those pictures is a Mechanical Engineering Drawing, often called a Blueprint. In this overview session, we will discuss the importance of Blueprints and, using hands-on examples, briefly explore two of the important skills necessary for proper Blueprint interpretation: Visualization and Interpretation.

Speaker

Joshua Worthley, Instructor at Danville Community College

Additional speaker information in speaker Bios:

SESSION 1C 9:45 – 10:45 am

Moving from a Good to a Great Facilitator

Summary

Facilitation is an essential skill for asset management professionals. However, there is little formal training and most professionals become good by learning on the job. This session provides some formal insights and tips for moving from a good to a great facilitator and concurrently moving the results of your team-based analysis from good to great.

Session

Facilitation is an essential skill of any technical professional, including quality professionals, working in group environments. Most technical education does not include formal facilitation training and professionals are left to learn on the job. Unfortunately, several of our key analytical tools are dependent on the quality of the facilitation. This session will provide some key tips and pointers to assist the quality professional to move from being a good facilitator to becoming a great one. Real world examples will be highlighted from a variety of industry sectors. The session will focus on five themes that enable a facilitator to move from good to great:

1. Powerful Questions
2. Pre-Session Participant Exchange
3. Exercises that Engage
4. Disruption Anticipation
5. Control the Tempo, Roll with the Ebb and the Flow

Some of the key learning objectives are:

1. Understand primary roles and responsibilities of a facilitator.
2. Identify tools and approaches to make facilitated sessions more powerful.
3. Apply effective techniques to different formats such as FMEA, RCA, and fault trees.
4. Identify methods in advance to make facilitation more adaptable when working with subject matter experts.
5. Establish confidence with senior management with your ability to facilitate.

The session will be presented at the intermediate level. The targeted audience is quality professionals who have facilitated groups in the past but who have little formal training and/or are looking for tips to move from good to great. The session is important because it covers a topic that receives little formal attention in asset management yet is extremely important in yielding quality results from many of the tools used by maintenance and reliability professionals. It is applicable to the full range of conference attendee.

Speaker

JD Solomon, Practice Leader at Jacobs

Additional speaker information in speaker Bios:

SESSION 2A 10:55 AM – 12:00 PM

Lean Principles Drive Contract Management Improvement

As businesses use more third-parties to improve operational efficiency and flexibility, contract management can become a bottleneck. Unlike a manufacturing process, the contract management process is highly complex and variable and involves many internal and external stakeholders.

The presenter uses a case study in pharmaceutical R&D to illustrate how Lean concepts and principles improve quality and efficiency in a business service environment.

The objective of this presentation is to help the audience

- 1) understand some unique challenges in non-manufacturing environments,
- 2) see a real example on how Lean is applied to overcome the challenges, and
- 3) recognize the benefit of combining Lean with other organizational capabilities.

A key lesson is that stakeholder engagement from start to finish is critical to overcome low Lean maturity and develop practical solutions in a typical non-manufacturing environment.

Speaker

Fang Zhou, Senior Consultant, Valeocon Management Consulting
Additional speaker information in speaker Bios:

SESSION 2B 10:55 AM – 12:00 PM

ASQ Recertification Process

There have been quite a few changes in the recertification process in the last couple of years. From the way the recertification journals are submitted to the value of RU categories, these changes can impact your recertification experience. This presentation will present an overview of the new recertification process and will discuss the recent changes that have occurred. If your recertification is upcoming, this presentation may shed some valuable insight that can help you in achieving your recertification.

Speaker

Fred Rich, Quality Manager at Gregory Poole Equipment Company
Additional speaker information in speaker Bios:

SESSION 2C 10:55 AM – 12:15 PM

Managing Complex Pharmaceutical Projects Across Continents

1. What are the top 5 reasons projects fail?
2. What percentage of projects succeed?
3. What makes pharmaceutical projects unique?
4. What are unique traits of Project Managers overseeing pharmaceutical projects?
5. How to increase the probability of managing successful pharmaceutical projects across the globe?

Speaker

Heather Johnson, Head of Quality at PATH and President CEO of Montrose Consulting Inc.
Additional speaker information in speaker Bios:

SESSION 3A 1:00 – 2:00 PM

Comparing the Similarities and Differences between Healthcare and Manufacturing Process Improvements

- 1) Stockholder vs a Patient
 - a) Empathy
 - b) Regulations
- 2) Team Structure
 - a) Shift Work
 - b) Staffing
 - c) Clinical vs. Non-clinical
 - d) Interdependencies
- 3) Decision Making
 - a) Decisions by Committee
 - b) Change Management
- 4) Data Management
 - a) Accessibility
 - b) Ownership
- 5) Privacy - HIPPA

Speaker

Rob Findling & Tedd Karr - Process Improvement, Vidant Medical Center

Additional speaker information in speaker Bios:

SESSION 3B 1:00 – 2:00 PM

Introduction to Geometric Dimensioning and Tolerancing

In the growing complexity of our world economy and manufacturing capabilities, manufacturer's need to ensure everyone inside their business and in the supply chain are designing, manufacturing, and checking parts the same way. In this overview session, we will discuss the inadequacies of traditional tolerancing methods, how GD&T addresses the inadequacies, and a brief overview of each of the 14 GD&T controls.

Speaker

Joshua Worthley, Instructor at Danville Community College

Additional speaker information in speaker Bios:

SESSION 3C 1:00 – 2:00 PM

Getting Your Boss's Boss to Understand

Getting your boss's boss to understand is one of the hardest jobs for a quality or reliability professional. Concepts related to quality, compliance, risk, reliability, and resiliency are frequently not well understood by senior management. Texts and guidance documents frequently reference the importance of better communication and education; however, there is limited practical guidance provided. This session will fill some of these gaps and will be specifically targeted at front-line quality and reliability professionals.

The session will focus on five key themes of more effective asset management communication: differences in communication of technical information versus communicating for marketing or political purposes; empathy for the decision maker and their many conflicting issues; endless respect for the decision maker's technical and educational skills; group effects related to decisions with complexity and uncertainty; and, less is more (it is about the decision maker, not the asset manager).

Covered in these themes will be topics such as: the definitions and frameworks related to decision making; pointers on biases, individual decision making, and group decision making; an overview of written, visual, and vocal communications best practices for presenting technical information; the role of ethics; and specific tips for presenting quantitative information in different forums such as one-on-one sessions with decision makers, small group meetings with technical professionals, and public workshops.

The primary learning objectives include:

1. Understand differences in technical advisory and advocacy communication.
2. Apply effective communication frameworks for both strategic and tactical decisions.
3. Identify risk and uncertainty affects.
4. Distinguish between approaches for individual and group decision-making contexts.
5. Utilize more effective graphics.
6. Apply written, visual, and vocal communications best practices.
7. Address questions more effectively.

This session will be provided at the beginner level. It is applicable to a full range of quality professionals.

Speaker

JD Solomon, Practice Leader at Jacobs

Additional speaker information in speaker Bios:

CONCURRENT SESSIONS 4A, 4B, 4C | 2:10 AM – 3:10 PM – Note 4C ends at 3:30

SESSION 4A 2:10 – 3:10 PM

Auditing for Data Integrity II: How to Conduct an Effective Data Integrity Audit

Regulatory authorities around the globe are focusing on data integrity during their inspections of pharmaceutical and medical device companies. Many other industries are also finding value in incorporating data integrity concepts in their organizations. Quality auditors can help their organizations reduce risk by ensuring that data integrity issues are identified, risks are mitigated, and product or service quality is protected.

This session will review:

- * Key areas for auditors to assess for electronic and paper records
 - categories of computerized systems to assess
 - documentation to request in advance of the audit
 - management responsibility for data integrity governance
 - implementation of data integrity by contractors and suppliers
 - evidence of data integrity observed during the audit tour of the facility

* Specific methods for conducting a detailed data integrity audit to ensure data integrity issues are identified, and risk to product or service quality is mitigated.

Attendees will participate in an interactive exercise to learn how to identify data integrity issues during an audit.

Attend this session to learn techniques and use tools for conducting successful, effective data integrity audits to identify and mitigate risk to product or service quality. Attendees should attend session 1B before attending this session.

Audience: People who are familiar with data integrity basics and who conduct or host quality audits that include assessment of data integrity requirements

Speaker

Mary Chris Easterly, Associate Director, Quality System Improvements, Merck
Additional speaker information in speaker Bios:

SESSION 4B 2:10 – 3:10 PM

So, You Think You're In Control: An Introduction to Variability Detection and Reduction

Points to be covered include: What is variability (Deming's influence); What are the four most common sources in the lab; Little's Law; Overview of Shewhart Control Charts; Stability, Accuracy, and Precision

Speaker

Larry Diener, Sr. Manager, Global Variability Reduction and Process Improvement
Additional speaker information in speaker Bios:

SESSION 4C 2:10 – 3:30 PM

Quality Risk Management

Abstract: In the 21st century, many quality driven organizations in regulated environments, are being forced to drive their products to market faster and leaner. What are some of the implications as related to Quality Risk Management? What are critical elements to consider when analyzing risks from a quality perspective? How is Quality Risk Management different from Project Risk Management?

Speaker

Heather Johnson, Head of Quality at PATH and President CEO of Montrose Consulting Inc.
Additional speaker information in speaker Bios:



WORKSHOP 1 PRE-CONFERENCE One-Day Monday, May 6, 8:00 am – 12:00 pm

Includes lunch and refreshments | ASQ Members who participate in this ASQ Raleigh workshop will receive 0.6 RUs.

Without question, the Quality function has the potential to add tremendous value. Unfortunately, Quality often lacks the compelling story through which to communicate this potential – their edge. In this workshop, you will explore the insights gained from your DISC style and how to recognize the DISC style traits exhibited by others. In combination, an understanding of DISC can help you create an edge when communicating and influencing others. The ability to apply these insights and skills will be examined in the context of selling Quality within organizations.

This workshop requires completion of the online DiSC test by 05/03/19 for active discussion on scoring and participation during the workshop. Although you may take the test late, no discussion on your score will be completed if completed after 05/03/19

LEADER: JEFFREY SOPER
Additional speaker information in speaker Bios:

WORKSHOP 2 PRE-CONFERENCE One-Day Monday, May 6, 1:00 pm – 5:00 pm

Includes lunch and refreshments | ASQ Members who participate in this ASQ Raleigh workshop will receive 0.6 RUs.

- Managing for better decisions
 - o Create an environment for collaboration
 - o Data Science will analyze good data that they can access
- Using analytics and imagination to solve problems
- Use seven newer tools for Big Data and Internet of Things
 - o Text analysis (Social media vs. surveys for Voice of the Customer)
 - o Machine learning (vs. Design of Experiments)
 - o Network diagrams (vs. Pareto charts)
 - o Cluster Analysis (finding patterns)
 - o Discrete Event Simulation (supplementing Value Stream Mapping)
 - o Continuous Event Streaming (control charts on steroids)
 - o Visual Systems (picture this)
- Reliability survival analysis

LEADER: JIM DUARTE
Additional speaker information in speaker Bios:

REGISTER NOW! asqraleigh.eventbrite.com Early Bird Registration ends on April 30, 2019

PLEASE BRING A DONATION TO THE FOOD BANK AT THE ASQ RALEIGH 2019 CONFERENCE!

You can support this year's Food Drive by bringing food or donating money at the conference.

The Raleigh Branch of the Food Bank of Central & Eastern North Carolina serves thirteen counties. Within those counties, there are more than 314,680 people who live in "food insecure households," and over 100,000 of those are children. For every dollar (\$1.00) donated, the Food Bank provides 5 meals to people living with food insecurity.



"FIGHTING HUNGER IN 34 COUNTIES... SO NO ONE GOES HUNGRY."

SPEAKER BIOS

MARY CHRIS EASTERLY

Associate Director, [Quality System Improvements, Merck](#)



Mary Chris is the Associate Director, Quality System Improvements, Merck. She is a past ASQ Raleigh Section Chair. Mary Chris has over 29 years in FDA regulated industry conducting global quality audits and internal audits. She was a reviewer of CQA Handbook, 4th edition, and has presented "Writing Exceptional Audit Reports" workshop at six Audit Division Conferences and several QIT conferences. Mary Chris holds CQA, CQM/OE and CPGP certifications.

Mary's ASQ QIT Conference # 1A, 4A.

LARRY DIENER

Sr. Manager, [Global Variability Reduction and Process Improvement](#)



Larry Diener is Senior Manager, Global Quality Control, responsible for Variability Reduction and Process Improvement at Seqirus. Larry is PMP and Lean Six Sigma Black Belt certified and holds a master's degree in Life Sciences from NC State and an MBA with Health Sector Management concentration from Duke University. When not analyzing data or working with Seqirus' labs, he enjoys gardening, keeping bees and chickens, playing music, and building things

Larry's ASQ QIT Conference # 4B.

JAMES DUARTE

Data Scientist & Principal, [LJDUARTE and Associates, LLC](#)



Jim is a Fellow of ASQ and is certified as a Quality Engineer (CQE), Six Sigma Black Belt (CSSBB) and Lean Six Sigma Master Black Belt (LSSMBB). He has worked as Corporate Director of Quality Technology and Strategic Business Analytics at two Fortune 100 companies. His current research is dedicated to data science, Big Data, Advanced Analytics and Internet of Things (IoT). His teaching activities include ad hoc professor at several universities where he teaches Big Data, statistics and quality. He possesses six patents for analytical methods in Oil & Gas and Utilities which include two in the U.S. and four international patents with another still pending. He served two years as the Chair of the St. Louis Section as well as Chair of the Ishikawa Medal Committee and a member of ASQ's Awards Board.

James's ASQ QIT Pre-Conference Workshop #2.

Rob Findling

Process Improvement Specialist



Rob is a dedicated, trusted, and experienced professional focused on removing barriers and accelerating change in healthcare. Rob has over 20 years of business experience in the fields of healthcare and manufacturing. Rob holds a Bachelor of Science in Accounting and a Master of Business Administration from California University of Pennsylvania. He also holds a Master of Science and Technology Systems from East Carolina University. Rob is certified by ASQ in Quality Management/Organization Excellence (CQM/OE). He is also a certified Six Sigma Master Black Belt / Black Belt from a previous employer. In addition to working as a Process Improvement Specialist at a local hospital, he also teaches statistics and economics at East Carolina University.

Tedd & Rob ASQ QIT Conference # 3A.

SPEAKER BIOS

HEATHER JOHNSON

Head of Quality at PATH and President CEO of Montrose Consulting Inc.



Heather is a Scientist and an Engineer with a Masters in Quality Management (Engineering & Technology focused). Heather is currently working on a Doctoral degree in Management. The focus of my dissertation will be on Disruptive Innovation and Leadership. Heather is multilingual, process oriented: Quality Management Systems expert, Certified ASQ auditor and IRCA auditor. Heather is a Lean Six Sigma Black Belt and Project Management Professional with ISO expertise. Heather loves to integrate science, engineering and technology to help corporations become world class business performers. Heather is also a Technology Management professional with over 35 years of experience in the Pharmaceutical/Biotechnology/Medical Device arena for several global companies.

Heather is an Award-Winning Leader and Manager of complex multi-million-dollar projects utilizing cross functional international teams. Heather spent over 3 years working and residing in Europe. Heather worked in a Medical Device environment exclusively for 8 years and became certified as a Quality Systems auditor, trained under ISO regulations. Since that time, she has worked with combination products otherwise known as device and drug product combination (vaccines) for over 18 years. From 2014-2017 Heather dedicated her skills 100% of her working time in manufacturing and laboratories to coach, promote, diagnose, design, deploy and embed Lean and Six Sigma initiatives along with Toyota Production System to increase business performance, make processes leaner while increasing ROI. The Quality organization was the focus due to her extensive knowledge gained by working in this area. Heather's main area of expertise is in Vaccine Technology. Heather currently works for a non-profit organization after leaving for profit organizations, Heather leads a team of Quality Management professionals whom help to take vaccine technology to emerging markets/countries and developing countries. Heather and her team are responsible for ensuring that regulatory requirements are followed during the technology transfer and subsequent manufacture of vaccines.

Heather's ASQ QIT Conference # 1B, 3C.

Ted Karr

Lean Six Sigma Process Improvement Education Leader



Ted has over 40 years of business experience in the fields of power generation, transportation, consumer products, academia, and health care. He holds a Bachelor of Science in Industrial Engineering from NC State University and an MBA from East Carolina University. Ted is a Certified Six Sigma Black Belt from the American Society for Quality, and Certified Professional in Healthcare Quality (CPHQ). His most recent publications involve the topics of Standardized Work in Clinical Settings, Statistical Algorithms for Healthcare and, Nursing Fatigue. Ted is currently teaching online classes for Lean and Six Sigma throughout the Vidant Health hospital system.

Tedd & Rob ASQ QIT Conference # 3A.

FRED RICH

Quality Manager, Gregory Poole Equipment Company



Fred Rich is the Quality Manager and 35-year employee of Gregory Poole Equipment Company. He is an ASQ CSSBB and CMQ&OE and is currently a PhD candidate in Technology Management-Quality Systems at Indiana State University. For the last 3 years, Fred has been the Recertification Chair for the Raleigh ASQ Chapter

Fred ASQ QIT Conference # 2B.

SPEAKER BIOS

JD SOLOMON

Practice Leader at Jacobs



JD Solomon, PE, CMRP, CRE is an accomplished facilitator, trainer, engineer, and planner. He is an active member in ASQ and is a leader in the ASQ Risk and Reliability Division (RDD). JD regularly presents webinars, sessions, and workshops in different ASQ forums. He is the author of the book "Communicating Reliability, Risk, and Resiliency to Decision Makers: How to Get Your Boss's Boss to Understand."

JD ASQ QIT Conference # 1C, 3A.

JEFF SOPER

Executive Director, ISBPI Inc.



Jeff is a "seasoned corporate warrior" and highly effective executive coach with a wide variety of industry, consulting and academic experience spanning a variety of industries and functional areas. Utilizing his proprietary framework and associated methodology, he has accurately assessed and positively influenced the development and performance of seasoned and emerging executives alike. Jeff is particularly adept in successfully facilitating individuals' and organizational transformation. Jeff is highly effective in coaching leadership in multicultural and multigenerational settings. As a consultant, Jeff is actively engaged in diagnosing, developing, implementing, and evaluating strategy and solutions for organizations experiencing performance challenges and externally induced

transformations. Reflecting his research and experience, Jeff has developed and facilitates numerous professional development seminars and management development programs across a wide range of topics ranging from leadership development, ethics, and change management to creativity, innovation and organizational development. Dr. Soper is Executive Director of ISBPI Inc., an international not-for-profit center focused on three key elements of success: People, Performance and Problem-Solving.

Jeff's ASQ Raleigh Pre-Conference Workshop #1 & Conference Keynote.

JOSHUA WORTHLEY

Instructor, Danville Community College



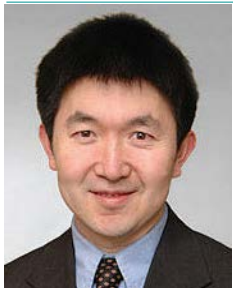
Josh Worthley is the Instructor of Dimensional Metrology at Danville Community College (DCC) where he teaches metrology courses ranging from Technical Math and Blueprint Reading to Advanced CMM Programming and Intro to Lean & Six Sigma. Worthley also serves as the lead coordinator for the ASQ Certified Quality Inspector (CQI) Apprenticeship Training Program at DCC, which qualifies students to sit for the CQI exam immediately upon graduation. Since its inception in 2016, this program has successfully produced 23 CQI's. Before entering into higher education, Worthley spent numerous years in the aerospace and defense industry in various quality roles including Quality Technician, CMM Programmer, and Continuous Improvement Lead. Worthley has multiple AAS degrees in

technical studies and holds four ASQ certifications. In addition to teaching, he provides customized quality-related industry training through the college and contract AS9102 inspection support.

Joshua's ASQ QIT Conference # 2C, 3B.

FANG ZHOU

Senior Consultant, Valeocon Management Consulting



Fang Zhou is Senior Consultant with Valeocon Management Consulting, with 16 years of experience in R&D, manufacturing, and process improvement in the life science industry. He received his Bachelor's from Georgia Tech and Ph.D. from Yale. He is a certified Lean Six Sigma Master Black Belt and Project Management Professional.

Fang's ASQ QIT Conference # 2A.