



## The Inside Q

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*Distribution of this newsletter is sent by email to all members of the local section who have email addresses listed by the national office.*

Newsletter Chair:  
Brian Wilson  
[asq0915newslettereditor@gmail.com](mailto:asq0915newslettereditor@gmail.com)

*Please contact me with information that you would like to include in the next newsletter.*

*The local section information is located at:*

Evansville/Owensboro  
Section 0915 Web Site:  
<http://www.asq0915.com/>

ASQ National Web Site:  
<http://www.asq.org>

Certification Test Schedule  
<http://www.asq.org/certification/>

Check out our Facebook page:  
<https://www.facebook.com/ASQSection0915/>

## February Newsletter

### Dinner Meeting Agenda



**DATE:** Tuesday, February 13, 2018

**TOPIC:** Hypothesis Testing

**PRESENTER:** Tom Watson

**LOCATION:** The Haub House

CT		ET
5:30 pm	Registration	6:30 pm
6:00 pm	Dinner	7:00 pm
6:45 pm	Presentation	7:45 pm

**COST:** **\$20 per participant**

**RSVP:** Please make reservations **by noon Friday, February 9<sup>th</sup>** by sending an email to:  
**Mike Soellner** at

[michael.soellner@kimballelectronics.com](mailto:michael.soellner@kimballelectronics.com)

Dinner accommodations cannot be guaranteed for reservations received after the 12-noon deadline date.

### Mission:

Promote Quality and provide value to our membership and local businesses by continual improvement of information and services, meeting content, and training/education.

### In The Q- 2017

#### Website Updates!

Check out our Section 915 website  
<http://www.asq0915.com/>  
for information about our section and upcoming section events, training and more.

**We welcome our new members who have joined this summer and hope to see you at a dinner meeting soon.**

## **February Dinner Meeting Topic: Hypothesis Testing**

Tom Watson will be the guest speaker at the February ASQ meeting. Tom is the Continuous Improvement Manager at the Kimball Electronics, Inc. Jasper, Indiana facility. Tom has over 20 years experience in Continuous Improvement. Tom is also our section's Chair.

Tom will be speaking about hypothesis testing and how it can be used in the quality arena to make statistical conclusions with a specified level of certainty. Experience is great but when you try to express your opinion, without data, you may make the wrong conclusion. Tom will show how to use hypothesis testing to make valid conclusions with a specified level of certainty.

### **CHAIR'S CORNER**

by Tom Watson

What is a hypothesis test? A hypothesis test is defined as a test that uses statistics to answer a practical question. With hypothesis testing, we use sample data to test a hypothesis about a population parameter. I will be the speaker at February's meeting talking about hypothesis testing.

In the quality arena, I believe hypothesis testing is something seldom utilized. Most of the time we use opinions to draw our conclusions. Experience is great but experience without data to back it up, in my opinion, is a guess. Where do we see hypothesis testing in everyday life? Political elections, specifically polls, is where we see this. A polling agency conducts a poll among a certain group of people and use this to predict who is leading, or will win, the election. The big variable is where the poll is conducted. We saw this in the 2016 Presidential Election. Most polls had Hillary Clinton winning the election. You can tell by the expression on the news media faces that they were real surprised when Donald Trump won the election. Big question here, where were the polls conducted? Were they random polls or were they conducted in areas where people favored Hillary Clinton?

When we talk about quality in business, hypothesis testing can help us choose between 2 suppliers. I use a great example when I conduct Green Belt Training about a supplier being accused of adding water to milk in order to increase profits. The measurement here is adding water to milk raises its freezing temperature. I show how data and hypothesis testing is used to prove that the supplier is using milk because the freezing temperature has statistically increased.

Please join me at the February ASQ meeting to learn more about hypothesis testing. It is a tool that can be used in your business to make a statistical conclusion about the quality of your product.

## Directions to:

**The Haub House, 101 E Haub Street, Haubstadt, IN 47639**

From I-64 exit at US-41 exit 25:

- Take US 41 North for about 2.2 miles to IN-68.
- Turn left onto IN-68 for about 3.8 miles to 1<sup>st</sup> Avenue.
- Turn right onto 1<sup>st</sup> Avenue for about 0.2 miles.
- Take the second left on to Haub Street.

**The Haub House is on the left.**



## Next Meetings:

Date	Topic	Location	Presenter
3/13/2018	Creativity and Innovation	The Miller House, Owensboro	Charmaine McDowell
4/14/2018	ASQ National	Christmas Lake Golf Course YES GOLFING also	Bud Newton

## **SECTION 0915 PLACEMENT SERVICE**

**Job Seekers** - if you would like to be placed on a confidential email distribution list to be notified of job opportunities made known to the ASQ Section 0915 Placement Chair, please contact Placement Chair:

David McGan, McGan Business Solutions,  
53 Dorsey St., Corydon, KY 42406  
[dmcgan@mcgangroup.com](mailto:dmcgan@mcgangroup.com)  
270-823-2831

**For national job postings, see:**

<http://www.asq.org/career/index.html>

**Job Providers** - if you have a job opening that you would like distributed to those on the ASQ Section 0915 Placement Distribution list, send a detailed description of the job, including location, and **appropriate contact information**, to:

[dmcgan@mcgangroup.com](mailto:dmcgan@mcgangroup.com)  
270-823-2831

Those interested in learning more about your opportunity may then contact you directly.



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 Evansville-Owensboro Section 0915  
 The 2425 Building  
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 Evansville, IN 47711



Position	Name	Organization	Phone	Email
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Secretary	David McGan	MBS-McGan Business Solutions	(270) 823-2831	<a href="mailto:dmcgan@mcgangroup.com">dmcgan@mcgangroup.com</a>
Treasurer	Willy Zech	ZF	(812) 390-0223	<a href="mailto:Willy.Zech@zf.com">Willy.Zech@zf.com</a>
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Arrangements	Mike Soellner	Kimball Electronics		<a href="mailto:michael.soellner@kimballelectronics.com">michael.soellner@kimballelectronics.com</a>
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Education	vacant			
Examining	vacant			
Historian	Jim Bakke	Allstate Tower, Inc.	(270) 748-1425	<a href="mailto:jimbakke1@gmail.com">jimbakke1@gmail.com</a>
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