



**American Society for Quality (ASQ)
Baltimore Section 0502
Dinner Meeting**

Tuesday, September 11, 2018

**Sociogram: The Social Network Quality tool for Understanding
interrelationships between individuals in groups
Mel Alexander**

Program (0.5 RUs)	
Overview:	<p>Sociograms are special data visualizations that help reveal patterns of interactions between individuals (called nodes) participating in meetings, focus groups, or discussions as a form of social network analysis. The sociogram extends beyond the Interrelationship Digraph.</p> <p>Sociograms allow two-way connections between people or groups whereas Interrelationship Digraphs only allow one-way connections. This presentation constructs a sociogram using an example that tracks the interactions of people in quality improvement team meetings with the aid of R software.</p>
Speaker:	<p>Mel Alexander is an Operations Research Analyst with the Social Security Administration. He uses Statistical Analytics to ensure proper payments go to eligible beneficiaries. Mel also is a Statistical Consultant in the Departments of Diagnostic Radiology and Neurosurgery at the University of Maryland Medical Center where he builds statistical models that identify key factors to increase patient's chances of surviving traumatic head, spinal cord, and abdominal injuries. He is a past chair of ASQ's Baltimore Section and Healthcare Division and is a Standing Review Board member for ASQ Quality Press. He holds a master's degree in Biostatistics from the University of North Carolina. He is an ASQ Fellow and Certified Quality Engineer.</p>

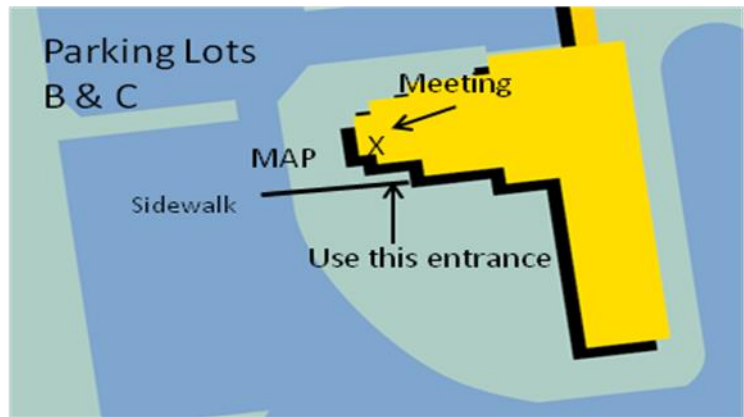
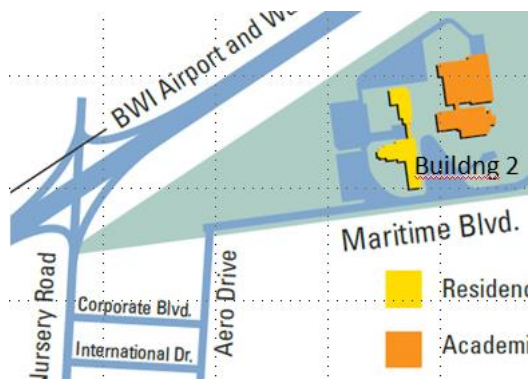
Tutorial (0.5 RUs)	
Topic:	<p>The Interrelationship Digraph (a.k.a. Relations Diagram or ID) is one of seven Quality Management and Planning (7 QMP) tools identify cause-and-effect relationships described by Shigeru Mizuno in his 1988 classic <i>Management for Quality Improvement: The 7 New QC Tools</i>, Cambridge, MA, Productivity Press, Inc.</p> <p>This tutorial describes steps of building an interrelationship digraph with an example using R software.</p>
Presented by:	Mel Alexander
Overview:	

SCHEDULE		
Location:		Conference Center at the Maritime Institute 692 Maritime Boulevard, Linthicum, MD (410-859-5700; www.ccmit.org).
TIME:	5:00 p.m. - on	Registration, networking and dinner
	6:30 - 8:30 p.m.	Tutorial (0.5RUs) and Program (0.5 RUs)

COST and REGISTRATION	
Cost:	Advance registration is required. No charge for program only. Cost \$25 (members) / \$30 (non-members) -- Cash or checks written to ASQ Baltimore accepted. No credit/debit cards accepted.

Registration:	Go to ASQBaltimore.org. Click on Event >> Reservations, select the meeting date and complete the form. If you need to CANCEL, please let us know otherwise you may be billed. Go to the reservations page that you used to register and select Cancel a reservation under the meeting date. Please add the meeting date in the comment section. In the event of inclement weather , the website will be updated with the status by 2pm on the day of the meeting.
----------------------	--

DIRECTIONS	
295 South:	Take West Nursery Road exit. Left onto West Nursery Road.
295 North:	Take West Nursery Road exit. Bear to the right onto West Nursery Road BUT be in the LEFT most Lane that turns right.
ALL:	Turn Left at the light Corporate Blvd and Nursery Road (before Cracker Barrel). Left onto Aero Drive. Two block to entrance through the gate and to your right. Park in Lots B or C are on your left between the two buildings. You will be going into Building 2. There is a Map by the building with a sidewalk to the right. The sidewalk branches to the left, TAKE THE SECOND Left off the main side walk. You will be entering the room on the side of the entrance. Meeting room on your left. If you go to the Front desk, you have gone too far. NOTE: If you arrive after 6 pm, the side door is locked. Turn around and go to the next sidewalk on your right. Go to the door. You will be behind the speaker, but someone will let you in.



Have a question, comment or just want to find out about the Section
Go to our website: <http://asqbaltimore.org>

Dinner and Board Meeting Schedule

	2018		2019												
	Nov	Dec	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dinner Mtg															
Date	13	4		12	12	9	14	11			10	8	12	3	
Location	Faz	MT		MT	Faz	MT	MT	MT			MT	MT	Faz	MT	
Board Mtg															
Date	20		15	19	19	16	21			20	17	15	19		

Key: MT: C C Maritime Institute; Faz: Fazzini's (York Road; North of the City Meeting). Dark shading indicates no meeting.

ASQ DINNER MEETINGS	ASQ BOARD MEETINGS
<ul style="list-style-type: none"> • Second Tuesday of the Month • December Mtg: 1st Tuesday of the Month • No meeting: January, July or August • Location subject to change • March/ November Mtg: North of the city 	<ul style="list-style-type: none"> • Third Tuesday of the Month • Earn RUs for volunteering (large and small projects) • Interested contact a Board member or info@asqbaltimore.org

QUALITY TOOLS SPEAKERS

For 2017, our tutorials will be based on Quality Tools. A different tool will be examined at each meeting. As a result we are looking for the following

- Topics that you want presented
- Speakers who are willing to present the Quality Tool.
 - There will be limited amount of prep work on your part.
 - Earn RU points and a free dinner

If you are interested in a topic or presenting, please contact asq502jr-1@yahoo.com.