



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

Tuesday, February 13, 2018

**The SDM Design Extension to OC to meet requirements on
Specified or Minimum Cost, Pa, ARQ, LTPD, AOQ ,PR &CR
Julian McDermott
FINANCIAL AND SCIENTIFIC SOFTWARE**

Program (0.3 RUs)	
Overview:	The Sample Design Method (SDM) is an Extension of OC that permits minimum single sample size designs (parameters c and s) to meet requirements on Cost, Pa, ARQ, LTPD, AOQ, PR, or CR. Quantitative methods for estimating Quality Cost, including both costs of maintaining Quality and costs of failure of Quality are presented and then analyzed by SDM to arrive at an optimum Pa. Once Pa is established, SDM is used to design a minimum size single sample to meet the requirement. SDM is also useful for designing to specified AQL, PR, LTPD, CR, and AOQ requirements. These procedures are presented also.
Speaker:	<p>Julian R. McDermott has been contributing to Engineering and Computer Science for over 50 years. After receiving his BEE (City College NY), MSEE, and MBA (Northeastern University), MCCert Computer Programming (Boston University), and PE (Massachusetts); he passed the PhD qualifying exam at Northeastern, taught at Howard County Community College(HCCC) and did recent coursework at HCCC and University of Maryland University College.</p> <p>In terms of experience, Mr. McDermott worked extensively in Reliability (General Dynamics), Quality Control (IBM), and Computer Systems review and programming (Mitre Corporation and City of Boston) as well as working many years in Electrical and Mechanical Engineering.</p>

Tutorial (0.3 RUs)	
Quality Tool of the Month:	Quality Design method for obtaining optimized samples.
Presented by:	Julian McDermott
Overview:	Whereas part I, above, focuses on how to use this new tool, part II is devoted to explaining the basis for it and comparing it to other methods, particularly OC. It is shown how to derive an OC using the SDM method.

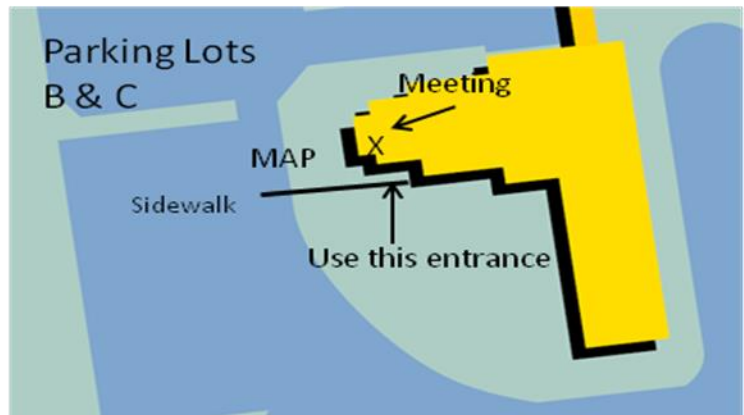
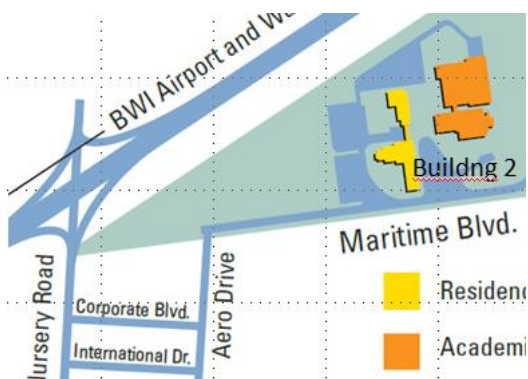
SCHEDULE		
Location:		Conference Center at the Maritime Institute 692 Maritime Boulevard, Linthicum, MD (410-859-5700; www.ccmit.org).
TIME:	5:00 p.m. - on	Registration, networking and dinner
	6:30 - 8:30 p.m.	Tutorial (0.3RUs) and Program (0.3 RUs)

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											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Dinner Mtg	Date		13	13	10	08	12			11	09	13	04
	Location		MT	Faz	MT	MT	MT			MT	MT	Faz	MT
Board Mtg	Date	16	20	20	17	15			21	18	16	20	

Key: MT: 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

CALL FOR SPEAKERS

If you know someone who is willing to speaker to the Section or you would like to speak to the section (and get credit and free dinner), please email asq502jr-1@yahoo.com. If we do not have speakers, we may have to cancel some meetings.