



Greater El Paso
Section
The Global Voice of Quality™

Amigo

Quality

Volume 41 Number 4

Welcome to the January 2021 issue of the Newsletter, your local provider of information and learning opportunities related to quality professionals.

To comply with COVID-19 social distancing requirements and to protect the health of our members guests and presenters the section is holding general membership meetings on ZOOM – see information below for sign on and telephone access.

General Membership Meeting	
DATE:	Tuesday , January 19, 2021
SPEAKER:	Dr. Beth Brunk-Chavez, UTEP Dean of Extended University
TOPIC:	Online Education at UTEP—We’ve taken the pandemic leap, where do we land?
SCHEDULED TIME:	Zoom meeting begins 6:00 pm w informal discussions – Formal meeting starts 6:30 PM Mountain Time
LOCATION:	Zoom Meeting
WHO:	All members and guests are invited
COST:	Free

ASQ Section 1401 is inviting you to a scheduled Zoom meeting.

Topic: ASQ Section 1401 **General Membership Meeting**

Time: January 19, 2021 06:00 PM Mountain Time (US and Canada) The Zoom Meeting will start at 6:00 pm and the formal meeting will start at 6:30 pm Mountain Time (US and Canada).

Join Zoom Meeting

<https://zoom.us/j/98707307646?pwd=Wjl1WDVKbno1UTZnY2FwUEQ0cTJZQT09>

Meeting ID: 987 0730 7646 Password: 585975

One tap mobile +13462487799,,98707307646#,,1#,585975# US (Houston)

Dial +1 346 248 7799 US (Houston)

Meeting ID: 987 0730 7646 Password: 585975

Leadership Committee Meeting

DATE:	Wednesday, February 3, 2021
SCHEDULED TIME:	5:00 PM to 6:30 PM
LOCATION:	Zoom Meeting (SEE DETAILS BELOW)
WHO:	All members are welcome to attend and participate in section management
COST:	Free

ASQ Section 1401 is inviting you to a scheduled Zoom meeting.

Topic: ASQ Section 1401 **Leadership Committee Meeting**

Time: February 3, 2021 05:00 PM Mountain Time (US and Canada)

Join Zoom Meeting

<https://zoom.us/j/99636529567?pwd=S252ZUorcXcxMXhDYUVPTUxTTENxZz09>

Meeting ID: 996 3652 9567

Password: 815989

One tap mobile

+13462487799,,99636529567#,,1#,815989# US (Houston)

+16699009128,,99636529567#,,1#,815989# US (San Jose)

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

Meeting ID: 996 3652 9567

Password: 815989

THE CHAIR SPEAKS

Keith Fong

This month marks my return to the position as Chairman of the ASQ Greater El Paso section. I wish to thank Evaristo Campos for his 2 years of service as Chairman. It has been a pleasure working with him to continue making this section a valuable resource for quality professionals in the Greater El Paso area.

Looking forward to 2021, I plan to continue a focus on our section's strength--the monthly member meeting. We've been bringing a range of interesting and valuable topics from speakers from across the country and from El Paso.



Last month, Roger Tonnemann spoke to our group about sampling plans--it was informative, engaging, and useful to us. This was Roger's third time speaking to our Section. He is an officer in the ASQ's Pike's Peak Section in Colorado. Thanks to Sergio Vega for organizing Roger's presentation to our section.



This month, our speaker will be Dr. Beth Brunk-Chavez, UTEP's Dean of Extended University. While UTEP's Extended University has been providing online education for over 5 years, the pandemic-driven switch to online education by all of UTEP introduced many challenges and has taught the university many lessons. Dr. Brunk-Chavez will give an overview of what the university did and what might change as a return to campus begins.

I look forward to seeing you in our Zoom member meeting with Dr. Brunk-Chavez. The meeting opens at 6:00PM so people can get connected and to have a chance to visit prior to the presentation start at 6:30PM.

Our meetings are moving to the third Tuesday of the month. Many ASQ sections have their meetings on the third Wednesday and, with most hosting WebEx or Zoom meetings, we opted to go to Tuesday so that we could make our meeting available to interested people from other sections and to enable our members to participate in other sections' meetings.

AUTOMOTIVE SECTION

Hector Lugo

Thank you to all participants in this exciting section and the winner of this month is: Developing next-generation lithium batteries based on solid electrolytes can fundamentally resolve some key problems in electric vehicles (EVs):

- *Range*: Most EVs have a range of 300 miles or less.
- *Charge time*: It takes more than an hour to recharge current battery packs while it would take roughly 10 minutes to charge an electric vehicle equipped with a solid-state battery.
- *Loss of charge*: Cells can lose nearly a third of their capacity within a decade.
- *Safety*: Conventional liquid electrolytes taking lithium ions between electrodes pose a serious safety risk due to the flammable materials employed.

Several startups and existing OEMs trying to develop solid-state batteries announced innovations that could accelerate EV adoption by providing automakers with a safer, cheaper alternative to lithium-ion batteries.

For example, QuantumScape, which has a strategic partnership with Volkswagen, announced promising test results for a solid-state cell. At the same time a six-year-old startup called Solid Power revealed that it has made a functioning solid-state cell and is producing prototype batteries with 10 stacked layers at a pilot plant in Colorado.

QuantumScape's cathode, or positive terminal, consists of nickel manganese cobalt oxide, which is common in EV batteries. However, its negative electrode, or anode, is made from pure lithium metal that's formed *in situ* when the finished cell is charged, rather than when the cell is produced (Fig. 1).



Furthermore, [Toray Industries](#) has created a non-porous separator for lithium-ion batteries that could vastly increase battery capacity by enhancing the safety of lithium-metal anodes, and [Toyota](#) said that it plans to have solid-state battery technology in its production vehicles by 2025.

See you at the meeting!

MANAGEMENT SYSTEMS

Alfonso Enriquez

My first virtual audit on IATF 16949

We had scheduled a regular audit on December 15, but during the thanksgiving weekend I found out that the IATF 16949 interpretations issued on October 30, 2020 (1) now allowed virtual audits.

Since El Paso, Texas was on COVID-19 State of Emergency, I requested a virtual audit, and I just had to fill out a questionnaire stating why a virtual audit was justified. I attached the El Paso Mayor state of Emergency pdf.

The Virtual Audit was approved. Now we had to perform a quick simulation to test that our communication was going to allow the auditor to visit the shop floor without interruptions.

For the conference room we used Zoom, and for the visits to the floor shop we used my cell phone T-Mobile Samsung Galaxy A1 through WhatsApp Messenger.

It was a 3-day audit, the auditor had the opportunity to talk to operators on the three working shifts and review the documents, and records at the site of use. For the opening and closing meeting we projected the image on a wall, and each person present showed his (her) face to the auditor by getting closer to the laptop.

It was a good experience.

- 1) IATF Global Oversight, "IATF Global Waivers and Measures in Response to the Corona Virus Pandemic (COVID19)", October 30, 2020

RE-CERTIFYING AND ASQ CERTIFICATIONS

STEVEN SCHAFFER

Out of a total of 10 member(s) whose certifications expired December 2019, 2 lost their their certifications since they did not re-certify by the end of June 2020, 0 member(s) re-certifications are being processed and 8 member(s) completed their re-certifications.

Out of a total of 8 member(s) whose certifications will expire June 2020, 2 will lose their certifications if they do not re-certify by the end of December 2020, 0 member(s) re-certifications are being processed and 6 member(s) completed their re-certifications.

Out of a total of 5 member(s) whose certifications expired December 2020, 4 will lose their certifications if they do not re-certify by the end of June 2021, 0 member(s) re-certifications are being processed and 1 member(s) completed their re-certifications.

Members can re-certify early! As long as you have enough points you can re-certify as early as six months before your certification expires. Your Certifications will be extended 3 years beyond the certification expiration date you currently have for your certification, so you don't lose anything by re-certifying early. Remember, you can only claim points that you have accumulated up to the time you submit and these points need to be collected during your 3 year certification period. Out of a total of 5 member(s) whose certifications will expire June 2021, 5 will lose their certifications if they do not re-certify by the end of December 2021, 0 member(s) re-certifications are being processed and 0 member(s) completed their re-certifications.

If anyone has questions on how to re-certify to extend their ASQ Certifications and/or how to synchronize them if they have more than one, please let me know. Re-certifying by exam costs more and is a lot more difficult than re-certifying through the accumulation of RU points. You can reach me, the Re-Certification Chair, at 915-241-4780 or (501) 615-8170. Please leave a message on the answering machine if no one answers and I will call back you as soon as I can. You can also reach me via the Internet at spikeguate@sbcglobal.net. I am ready to help with any questions you might have about Re-Certifying or about any ASQ Certifications you might have, call me. The Re-Certification Journal is at the following link and will guide you in the re-certification process <https://asq.org/cert/recertification>. To access your online journal that will allow you to log all your recertification activities for your RUs (Recertification Units), go to <https://asq.org> and log into your ASQ account. Once in your account go to the recertification section and click on the Blue "ACCESS MY ONLINE JOURNAL" button.

When re-certifying, **always get the most recent Re-certification Journal information.** The lasted Re-Certification Journal is January 2020. For ASQ members the fee for one certification is \$79.00 and for two or more \$99.00; for non-members the fee for one \$119.00 and for two or more \$119.00 each).

Projected Events				
Year	Month	Date	Event	Location
2021	January	19*	General Membership Meeting	ZOOM ONLINE MEETING
2021	February	3	LC Meeting	ZOOM ONLINE MEETING
2021	February	17*	General Membership Meeting	ZOOM ONLINE MEETING
2021	March	3	LC Meeting	ZOOM ONLINE MEETING
2021	March	16*	General Membership Meeting	ZOOM ONLINE MEETING

* Note, starting in January 2021, the General Membership Meetings will be held on the **THIRD TUESDAY** of each month.

The LC Meetings will continue to be held on the first Wednesday of each month.

2021 Officers/Committee Chairs

Chair: Keith Fong Home Phone: (915) 351-7535 Work Phone: (915) 612-7147 e-Mail: fongk@asme.org	Vice-Chair – Hector Lugo Phone: (915) 208-2502 Home Phone: (915) 581-8091 e-Mail: h7totor@hotmail.com
Treasurer: Evaristo Campos-Torres Work Phone: (915) 860-6287 Cell Phone: (915) 929-3142 e-Mail: evaristo.campostorre@dish.com	Auditing Chair, Newsletter Chair: Jack Vaughn Home Phone: (915) 594-6662 Cell Phone: (915) 549-2014 e-Mail: jvaughn@utep.edu
Secretary: Morris Hendricks Phone: (419) 769-0121 e-Mail: Morrishe@aol.com	Alt Recert Chair Internet Liaison: Jack Vaughn Home Phone: (915) 594-6662 Cell Phone: (915) 549-2014 e-Mail: jvaughn@utep.edu
Membership Chair: Sergio R. Vega Work Phone: (915) 860-6257 Cell Phone: (915) 276-1130 e-Mail: sergio.vega@dish.com	Refresher Classes/Workshops Chair: Hector Lugo Phone: (915) 208-2502 Home Phone: (915) 581-8091 e-Mail: h7totor@hotmail.com
Education: Alfonso Enriquez Work Phone (915) 231-4571 e-Mail: alfonso.enriquez@att.net	Recertification Chair: Steven Schafer Home Phone: (915) 241-4780 e-Mail: spikequate@sbcglobal.net
Publicity Chair: Morris Hendricks Phone: (419) 769-0121 e-Mail: Morrishe@aol.com	Nominations Chair: Angel Urbina Work Phone: (915) 231-7765 e-Mail: angel.urbina@toro.com
Partners In Education: Vacant Cell Phone: e-Mail:	Business Student Section: Vacant Cell Phone: e-Mail: