



The Chemical Consultant

Association of Consulting Chemists and Chemical Engineers, Inc.

Scientific, Engineering, Business & Management Consultants

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FUTURE MEETINGS

All members are invited to attend.

GTM Virtual Council Meetings and Presentations

April 14—Council Meeting—
7 pm EST
(all members welcome)

Next Meeting —May 12

The Association of Consulting Chemists & Chemical Engineers (ACC&CE) is a network of senior-level consultants with a broad range of functional expertise and many years of experience in the chemical and allied industries.

The purposes of the organization are:

To offer prospective clients a “clearing house” which they can use to find the most qualified consultants or team of consultants whatever their particular problem may be.

To furnish support to its members as they conduct their consulting practices.

This newsletter is intended to support those purposes as well as to educate prospective new members and prospective client organizations about ACC&CE, and how we can be most helpful to them.

The ACC&CE has an interactive website – <https://chemconsult.org> that allows prospective clients either to input their problem or to search for those consultants most skilled in their area of concern.

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IN THIS ISSUE

A SPECIAL WISH TO ALL OUR MEMBERS AND FRIENDS —STAY SAFE AND HEALTHY

This newsletter begins with a letter from our President, David Manuta, which appears on page 2.

On page 4 is a short letter from your editor.

On page 6 our newest consultant member is introduced, with a short description of his practice.

I am continuing to request comments and articles from our members. I still hope to bolster the contents of the newsletter in 2020 with interesting items from our members.

Please address all comments to: jvprii@jvporcelli.com.

Joe Porcelli, Editor

LETTER FROM THE PRESIDENT

Dr. David M. Manuta, (Certificate #882), President of ACC&CE

n.b. The views expressed are those of the author and ought not be considered the views of the ACC&CE.

I was grocery shopping on Saturday (3/14/2020) in our normally bustling Waverly Kroger store. The usually fully stocked shelves were eerily empty. While I was in the store, a young, fellow traveler in the entrepreneurial realm asked me to share with him my take on the Corona virus situation. He has a fine technical aptitude, so as I spoke to him, I realized that these words could be repurposed for our Newsletter.

In doing investigative work one of the first things that I tell young people whom I am training is that WE HAVE TO ACKNOWLEDGE what we don't know and then work at warp speed to get our arms around the data starved situation.

If the contagion is live for ca. 28 days, then we have to do all that we can to limit our contact with others FOR AT LEAST this length of time [the three (3) keys are confinement/isolation, containment, and prevention]. The young man asked me how long this emergency is going to last. In trying to provide credible, reliable information, my guess-estimate IS A MINIMUM of four (4) months.

My rationale is that we've got to go through a sufficient number of cycles to ensure that the trends we are observing ARE REAL. By this time, we will have JUST SOME of the empirical data (curve flattening of an exponential function) needed to begin to offer actionable information for reasonable long-term decision-making by lay persons; while avoiding panic.

We will get through this crisis (as we have all previous ones) and there will be Lessons Learned that will be directly applicable to the next one – which will be somewhat different. Using the example of the horrors wrought by Hurricane Katrina, our response to Category 5 monster storms is now significantly improved.

An anticipated four (4) month lock down pales when compared to the 1665 bubonic plague Public Health emergency in London. A young Sir Isaac Newton spent the following year at his family's farm some thirty (30) miles north of London. During his quarantine period, he wrote The Principia, the theoretical basis for much of modern mathematics and physics.

For me, Newton's lesson is to take this mandatory down time to rest and recharge my batteries - - so that I'll be ready to go when the All Clear announcement is made and "the new normal" will begin.

In closing, at the end of a successful investigation, I remind others that if we knew what all of the answers were when we started, then the remarkable journey that we'd just been through would not have been as much fun to do. Thanks for reading.

Sincerely,

David M. Manuta, Ph.D., FAIC
President, Manuta Chemical Consulting, Inc.



Dr. David M. Manuta, FAIC, President
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LETTER FROM THE EDITOR (and Immediate Past President)

Dr. Joseph V. Porcelli (Certificate #906)

I am writing this on April 2, as New York State enters another month of staying home except for critical personnel, and for critical errands to the grocery, the bank, or other such destinations. In common with many others, I am sure, I've been concerned about my children, grandchildren and my friends and loved ones. Regarding our organization, it is fortunate that we made our move to virtual meetings a few years ago.

Regarding COVID-19, I am hoping that our obsession with daily news on the virus will have the positive effect of convincing more of the American public of the benefits of paying attention to science rather than politics, although in some quarters that still appears to be a "hard sell".

I am concerned that this ordeal will turn out to be longer lasting, rather than our country (and others) quickly coming back to "normal". I hope I am wrong.

For the present, I wish all our members and readers to follow the practices recommended by the CDC and other medical experts and to stay home if possible and to stay safe!.

Please communicate with me at jvpri@jvporcelli.com with your thoughts.

Sincerely

Joe Porcelli, Editor

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PART Consulting is a technical consulting firm that provides technical and marketing support to firms on thermosetting chemistry and its many applications in industry. Our expertise includes epoxy resin chemistry as well as bismaleimides, polyurethanes, polyimides, polyesters, benzoxazines, and other thermosets. PART Consulting has over 60 years of combined composite formulation and resin manufacturing experience, we have worked for and learned from some of the leading companies in their field. Because of our extensive expertise in all thermoset resin and composite part manufacturing, we have 15 patents, 21 product introductions, 4 qualifications of product, 2 major chemical plant expansions, ex-patriot experiences, numerous audits, and due diligence. You and your business will benefit from our knowledge and experience in R&D, application testing, analytical testing, qualifications of products, bringing products to market, and our proficiency in market evaluation.

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