



*virtu*AIChE®

*This month's meeting:*

*Primary (with live discussion/live chat) Wednesday, Oct 28 at 9 pm ET (US) / 1 am GMT  
Alternate 1 (with live discussion/live chat) Thursday, Oct 29 at 6 am ET (US) / 10 am GMT  
Alternate 2 (with live discussion/live chat) Thursday, Oct 29 at 1 pm ET (US) / 5 pm GMT*

## **Chemical Safety Board (CSB) Accidental Release Reporting Rule**

Presented by Christopher M. Lyon

Associate General Counsel, United States Chemical Safety and Hazard Investigations Board

The enabling statute of the Chemical Safety and Hazard Investigation Board (CSB) provides that the CSB shall establish by regulation requirements binding on persons for reporting accidental releases into the ambient air subject to the Board's investigative jurisdiction. On February 5, 2020, the U.S. Chemical Safety and Hazard Investigation Board (CSB) approved a final rule on accidental release reporting. The final rule tracks the legal requirements of the CSB's enabling statute. It requires that owners or operators of facilities that experience an accidental release of an extremely hazardous substance into the ambient air from a stationary source which results in a death, serious injury or substantial property damage must be reported to the CSB. The rule balances the statutory requirement for having a reporting rule with an appropriately narrowed scope focused on helping the CSB collect information needed to make informed and timely deployment decisions. This reporting information will help improve the CBS's ability to respond promptly to the most significant accidental releases.

***Note that registration for VLS meetings is required.  
Our meetings are still free to attend and open to all.***

## **Jul Meeting Registration Information**

<b>Primary</b>	<b>Alternate 1</b>	<b>Alternate 2</b>
(Live Presentation/Live Chat) Oct 28 at 9 PM EST / 1 AM GMT Register in advance for the <a href="#">Primary Meeting</a>	(Recorded Presentation/Live Chat) Oct 29 at 6 AM EST / 10 AM GMT Register in advance for the <a href="#">Alternate 1 Meeting</a>	(Recorded Presentation/Live Chat) Oct 29 at 1 PM EST / 5 PM GMT Register in advance for the <a href="#">Alternate 2 Meeting</a>

After registering, you will receive a confirmation email containing instructions for joining the meeting, along with add-to-calendar links.

## **Introducing Our August Meeting Raffle Winner!**

*Every month, a dues-paying member who signed in for the duration of the monthly webinar is selected at random to win a free year of VLS membership (Executive Committee members and previous winners during the current year are ineligible). We are pleased to introduce our August winner – John C Middleton.*



**Q: What school(s) did you go to?**

A: I went to Oklahoma State University where I earned a BS in Chemical Engineering, and a Master of Chemical Engineering Degree (no thesis but an extra year of the interesting graduate classes - this degree is longer offered).

**Q: What kinds of jobs have you held?**

A: I have worked most of my career in the EPC business: 18 years with Worley (and its previous names) and before that 12 years with Fluor. I also worked 2 years with TVA (Tennessee Valley Authority) and 6 years with Phillips 66.

**Q: Where do you live?**

A: I've spent the last 22 years in Houston, TX.

**Q: Why did you join the Virtual Local Section?**

A: I don't remember when I first learned of the VLS. One of the meeting topics I came across sounded interesting and I Skyped in. The next time I paid my AIChE dues I added the VLS and view some of the meetings every year (I am getting better about adding the meeting reminder to my phone).

## Upcoming VLS Meetings

The VLS has monthly meetings. The following meetings have firm dates and speakers.

Dates	Topic
November 2020	Storage and Transport of hazardous materials
December 2020	State of the Section

## Past VLS Meetings

The VLS records its monthly meetings and archives them on the AICHE Academy website in case you missed a meeting or are looking for a particular topic. See below for current recordings.

Date	Event
Aug 2020	<a href="#">Physical Property Models to Design Better Chemical Products</a>
Jul 2020	<a href="#">Julia - A Fresh Approach to Technical Computing</a>
Jun 2020	<a href="#">The Next Digital Leap to AI (An Interactive Webinar)</a>
May 2020	<a href="#">Challenges and Benefits of Remote Operator Training using Cloud-Deployed High-Fidelity, First-Principles Based Standard Operator Training Simulators (SOTS)</a>
Apr 2020	<a href="#">NASEM Chemical Engineering in the 21st Century Study: Give your input!</a>
Mar 2020	<a href="#">Is Your Focus Your Magic!</a>
Feb 2020	<a href="#">DIERS data/standards in HAZOPS of two phase flow</a>
Jan 2020	<a href="#">A Brief History of Measurement</a>
Nov 2019	<a href="#">Using Thermal Imaging to Guard Industrial Facilities</a>
Oct 2019	<a href="#">Python for chemical engineers: Getting started</a>
Aug 2019	<a href="#">Reactive Chemical Hazards</a>
Jul 2019	<a href="#">Should I Py or Should I Fortran?</a>
Jun 2019	<a href="#">Design Considerations for Organic Electronic Materials and Devices</a>
May 2019	<a href="#">Why Can't You Compete Without Virtual/Augmented Reality in Your Plant</a>
Apr 2019	<a href="#">The Chemistry of Bourbon: The "spirit" of molecules</a>
Mar 2019	<a href="#">Demystifying Professional Engineering Licensure and How to Put it to Work for you</a>
Feb 2019	<a href="#">Municipal Wastewater and Sludge Are a Resource, Not a Waste: Coping with Tightening Water Supplies and Limited Landfill Availability</a>

## AICHE News

The AICHE hosts technical conferences around the world. Check [www.aiche.org/conferences](http://www.aiche.org/conferences) for registration and presentation information for this year's events.

Dates	Event
Oct 1 – 3	3 <sup>rd</sup> Cell Therapies and Immunotherapy Conference
Oct 1 – 2	12 <sup>th</sup> AICHE Southwest Process Technology Conference
Oct 3 – 18	2020 Western Student Regional Conference
Oct 3 – 10	2020 Mid-Atlantic Student Regional Conference
Oct 6 – 7	2020 Dow Sponsored Virtual CCPS Faculty Workshop
Oct 7 – 8	Polymers and Textiles Conference 2020
Oct 7	Engineering Better Processes with Design of Experiments
Oct 9 – 11	4 <sup>th</sup> International Conference on Epigenetics and Bioengineering (EpiBio)

Oct 10 – 11	2020 India Student Regional Conference
Oct 11 – 15	2020 Southern Student Regional Conference
Oct 13 – 25	2 <sup>nd</sup> Bioenergy Sustainability Conference
Oct 13 – 15	2 <sup>nd</sup> Global Symposium on Waste Plastic
Oct 13 – 14	2020 Virtual European Conference on Process Safety and Big Data
Oct 13 – 14	Engineering Alternative Technologies (EAT) Plastic Workshop
Oct 14	Elements for Keeping Relief System Documentation Evergreen
Oct 17 – 31	2020 Pacific Northwest Student Regional Conference
Oct 17 – 25	2020 Colombia Student Regional Conference
Oct 20 – 22	Center for Hydrogen Safety Europe Conference 2020
Oct 20	Replacing your Plasmid Construction by OriCiro™ Cell-Free Cloning System
Oct 21 – 23	2 <sup>nd</sup> Battery and Energy Storage Conference
Oct 21	Persistence: How to Handle Rejection in your Professional Life
Oct 24 – 31	2020 Southwest Student Regional Conference
Oct 26 – 28	2 <sup>nd</sup> AfroBiotech Conference
Oct 28 – 29	Latin American Virtual Conference on Process Safety
Oct 28	Modeling Fluidic Diagnostic Systems
Oct 29	Business Case for Resilience by Design
Oct 30 – Nov 1	4 <sup>th</sup> International Conference on Plant Synthetic Biology, Bioengineering, and Biotechnology
Nov 2	PD2M Emerging Modalities
Nov 3 – 4	SPE/AIChE Workshop: Improved Field Development Economics Enabled by Flow Assurance
Nov 4 – 6	3 <sup>rd</sup> Flood Innovation and Engineering (FOODIE) Conference
Nov 4	November 2020 TSC Meeting
Nov 4	Marketing your Value
Nov 5 – 6	PD2M Singapore Conference
Nov 12 – 14	2 <sup>nd</sup> Emerging Meat Alternatives Conference (EMAC)
Nov 13 – 16	2020 Virtual AIChE Annual Student Conference
Nov 16 – 20	2020 Virtual AIChE Annual Meeting
Nov 17	AIChE K-12 STEM Outreach Competition
Nov 18 – 20	3 <sup>rd</sup> Annual Space Travel: Adaptive Research and Technologies from Biological and Chemical Engineering (STAR Tech 2020)
Nov 18	3 <sup>rd</sup> Middle East Process Safety Conference Virtual Pre-Event
Nov 23 – 24	2 <sup>nd</sup> Food Innovation (FOODIE) Asia Conference
Nov 30	PD2M Germany Conference

## We're in this Together

The ongoing COVID-19 situation has provided us with a reminder that even in uncertain times, AIChE is a diverse community of people who lead, create, inspire and learn—together. AIChE is here to help. Knowing that many of our members are working virtually, AIChE has created this page to act as a hub for online content, access to communities, and communication updates. [Learn more.](#)

### **Bayer Foundation Unveils Washable and Reusable Mask Covers to Help Combat Covid-19**

Supplying the number of face masks needed for the world will be difficult, The Bayer Foundation came up with an option to create a washable mask for the general public. [Review here](#)

### **MIT Using Artificial Intelligence to Help Put an End to the COVID-19 Pandemic**

MIT researchers working on seven groundbreaking projects on Covid-19 to more rapidly develop and apply novel AI techniques to improve medical response and slow the pandemic spread. [Review here](#)

### **Union AIChE LATAM Gathers Hundreds of Students for Virtual Conference Series**

AIChE student chapters' collaborated to hold several virtual meetings on various major subjects in order to strengthen professional growth for chemical engineers throughout Latin America while also helping those most in need due to the COVID-19 pandemic. [Review here.](#)

### **Virtual Local Section Announces Candidates for 2021 Election**

This year, Virtual Local Section members are electing a Senior Vice Chair, a Vice Chair, a Treasurer, and two Directors. VLS members who are caught up on their dues are eligible to vote in the election. This year's candidate statements are provided on the following [link](#). Hope that you acquaint yourself with these officers and directors and vote in the upcoming election, even though there is only one candidate for each position! The ballot will be sent to you via SurveyMonkey in October.

## The Virtual Local Section's Executive Committee

### Officers

Chair:	<a href="#">Dan Lambert</a>
Senior Vice Chair:	<a href="#">Paul Adamson</a>
Vice Chair Pro Tem:	<a href="#">Aaron Sarafinas</a>
Immediate Past Chair:	<a href="#">Kirsten Rosselot</a>
Secretary:	<a href="#">Laura Gimpelson</a>
Treasurer:	<a href="#">Jennifer Brand</a>

### Directors

Member Care	<a href="#">Louis Mielke</a>
Publicity	<a href="#">Paul Shuey</a>
Newsletter	<a href="#">Mario Arredondo</a>
Programming	<a href="#">Richard Evans</a>
	<a href="#">Scott Clarke</a>
Member Feedback	<a href="#">Paul Wissmann</a>

## Did You Know?

You can visit [the VLS website](#) for more information on the Virtual Local Section's mission, activities, and membership. Also at this website, AIChE student members and VLS members can watch previous webinars for free.

## Subscription Information

Current fully paid members of the Virtual Local Section receive this newsletter. If you wish to update your email address, contact the AIChE's New York Office for Permanent Address Corrections at [xpress@aiiche.org](mailto:xpress@aiiche.org) or 1-800-242-4363

## Continuing Education Credits

Members of AIChE can receive 1 hour of continuing education/professional development credit for attending Virtual Local Section webinars. Send your name, the certificate number on your professional engineer's license, and the licensing entity (state or country) in which you are licensed to our Secretary, [Laura Gimpelson](#), to receive one hour of continuing education credit for attending this meeting.