



*virtu*AIChE®

*This month's meeting:*

*Primary (with live discussion/live chat) Wednesday, Sep 22 at 9 pm ET (US) / 1 am GMT  
Alternate 1 (with live discussion/live chat) Thursday, Sep 23 at 7 am ET (US) / 11 am GMT  
Alternate 2 (with live discussion/live chat) Thursday, Sep 23 at 1 pm ET (US) / 5 pm GMT*

## **Beyond unconscious bias training: What works?**

Presented by WuQing Hipsh,  
Community Lead at Applied.



By now we've all heard that unconscious bias is part of being human. Although we may believe we're being objective, we all have unconscious biases.

At this meeting, we'll be breaking down the behavioural science behind unconscious bias - and exploring its effect on recruitment. We'll find out if unconscious bias training works, and if not, what strategies we can use to remove unconscious bias from our processes.

Expect research-based insights, plenty of fascinating studies and some practical next steps for building a fairer, more inclusive hiring process.

WuQing is the Community Lead at Applied, a platform designed to help recruiters make the best decisions. She utilises design thinking to ideate and implement outreach methods, to foster a genuine community for fair hiring. She is passionate about interdisciplinary design strategy, driven to use human-centred design for social change. She holds a MSc from Imperial College London, and an MA from the Royal College of Art in Innovation Design Engineering.

Before becoming a design engineer, she worked as an educator and artist for over seven years. Her artwork has been displayed at the Metropolitan Museum of Art in New York City, and was featured in the New York Times' Art and Design Section.

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

## September Meeting Registration Information

<b>Primary</b>	<b>Alternate 1</b>	<b>Alternate 2</b>
(Live Presentation/Live Chat)	(Recorded Presentation/Live Chat)	(Recorded Presentation/Live Chat)
Sep 22 at 9 PM EST / 1 AM GMT	Sep 23 at 7 AM EST / 10 AM GMT	Sep 23 at 1 PM EST / 5 PM GMT
Register in advance for the <a href="#">Primary Meeting</a>	Register in advance for the <a href="#">Alternate 1 Meeting</a>	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 July 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 July winner – Shannon E. Brown.*



### **Q: What made you want to be a chemical engineer**

In high school, I went back and forth between math, chemistry, and physics. I started college as a chemistry major. At freshman orientation, I saw a starting salary survey that showed chemical engineers started at \$100/month more than chemists and decided I should find out why. I took some chemical engineering courses, found them more interesting than the chemistry classes, and changed majors.

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

I received my B.S ChE from Michigan State University, M.S. ChE from Northeastern University, and M.B.A. from the University of Chicago.

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

I retired after 42 years working for a variety of E&C companies doing process design, precommissioning, commissioning, start-up, operator training, and validation. Industries I worked in include refining, petrochemicals, pharmaceutical, food, and nuclear power. I currently fill my time with local volunteer activities and the senior dog I adopted during the pandemic.

### **Q: Where do you live?**

I live in Naperville, Illinois.

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

I was serving on the Career and Education Operating Council when the VLS was approved. Throughout my career, I enjoyed geographically based local section meetings and involvement. I joined the VLS to support the effort to provide local section activities for those unable to participate in a geographically based local section.

**Q: Any hobbies that are connected to chemical engineering**

One of my volunteer activities is AARP Tax-Aide. It doesn't specifically relate to chemical engineering, but a number of the volunteers are retired engineers. We are comfortable dealing with numbers, computers and regulations. It is just a different computer program and different regulations.

## VLS Presents 7th Annual "Student Co-op and Internship Presentation Competition"

VLS will host the 7th Annual Student Co-op and Internship Presentation Competition for recent Co-op and Internship students. This annual competition consistently gives students who do industrial co-op and internships an opportunity to showcase their work and improve their presentation skills. It also gives VLS members an opportunity to recognize exceptional work done by these students. All students\* are invited to submit an abstract by 1/3/2022; based on abstracts the top four will be invited to present at the February 23rd 2022 VLS meeting. Prizes ranging from \$150 to \$500 will be awarded to these four presenters.

VLS and AICHE members whose companies have co-op/intern employees are especially encourage your co-op/intern to submit an abstract. Presentations should be less than 10 minutes and will be judged by practicing chemical engineers and AICHE VLS members, based on:

- Application/demonstration of chemical engineering principles to students' work
- Understanding of process and/or chemistry
- Clarity/appearance of slides and presentation
- Understanding how student's work is used/applied/extended into other applications/industries
- Ability to answer questions

\*Participants must meet the following qualifications:

- Undergraduate ChemE students (graduating Dec 2021 or later)
- Spring/Summer/Fall 2021 Co-op or Intern students
- Teams of 2 students are permitted if both meet qualifications

The submission form is available online at Co-op and intern contest. Submit questions to Noah Meeks, Past Chair, at [NoahChemE@icloud.com](mailto:NoahChemE@icloud.com)

## Upcoming VLS Meetings

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

Dates	Topic
Oct 2021	Don't wake sleeping dragons
Nov 2021	BP's Decarbonization Plan
Dec 2021	Holiday Social

## 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
Jun 2021	<a href="#">Chemical Fuels in Carbon Neutral Energy system</a>
Apr 2021	<a href="#">Impactful Online Meetings</a>
Feb 2021	<a href="#">Overcoming the Challenge of Applying Chemical Engineering Principles to the Art of Winemaking</a>
Jan 2021	<a href="#">DIERS Technology Fundamentals II: VLS January 2021 Webinar</a>
Nov 2020	<a href="#">Protecting Lives and Livelihood: Hazardous Materials Classification and its Impact to the Supply Chain</a>
Oct 2020	<a href="#">Chemical Safety Board (CSB) Accidental Release Reporting Rule</a>
Sep 2020	<a href="#">Internships and Undergraduate Education</a>
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
Sept 13 – 15	10 <sup>th</sup> International Congress on Sustainability Science & Engineering
Sept 14 – 16	Tcbiomass 2021
Sept 15	CCPS Australia Regional Members Virtual Meeting
Sept 21 – 23	3D Bioprinting Conference
Sept 22	September 2021 TSC Meeting
Sept 23	Significance of Management of Change for Effective Risk-Based Process Safety Implementation Workshop

Sept 27 – 29	3 <sup>rd</sup> Enterprise and Infrastructure Resilience Workshop
Sept 29	Pandemic Advance Capabilities & Engineering (PACE): Current COVID Challenge
Sept 29	Pandemic Advance Capabilities & Engineering (PACE) Workshops
Sept 30 -Oct 1	13 <sup>th</sup> AIChE Southwest Process Technology Conference
Oct 1 – 3	4 <sup>th</sup> International Conference in CRISPR Technologies
Oct 5	3 <sup>rd</sup> Battery and Energy Storage Conference
Oct 7	CCPS India Regional Members Virtual Meeting
Oct 12	Achieving Repeatable Golden Batch Outcomes
Oct 13 – 14	2021 Virtual European Conference on Process Safety and Big Data
Oct 14 – 15	2021 International Chemical Ventures Conference
Oct 18 – 20	6 <sup>th</sup> Bioengineering & Translational Medicine Conference
Oct 19 – 20	3 <sup>rd</sup> Engineering Cosmetics and Consumer Products Conference
Oct 20 – 21	2021 Bayer Sponsored Virtual CCPS Faculty Workshop
Oct 20	Carbon Capture, Transport and Sequestration
Oct 24 – 26	3 <sup>rd</sup> CCPS Middle East Process Safety Conference
Oct 25 – 27	4 <sup>th</sup> Space Travel: Adaptive Research and Technologies from Biological and Chemical Engineering (STAR Tech 2021)
Oct 25 – 27	3 <sup>rd</sup> AfroBiotech Conference
Oct 27	RAPID Success Stories: Lessons Learned in Developing Plant-Based Surfactants

## The AIChE K-12 STEM Outreach Competition is back!

Dear AIChE K-12 Community Members,

Are you actively engaged in outreach with K-12 students in your community? Don't miss out on this opportunity to open eyes to the wonders of STEM and inspire your AIChE peers!

The 3<sup>rd</sup> AIChE K-12 STEM Outreach Competition will take place on Sunday, November 14, 2021 and Monday, November 15, 2021. We're excited to announce that this year's competition will be held virtually for increased participation of K-12 students, parents, and educators.

All AIChE members are encouraged to enter for a chance to showcase their interactive STEM experiments, demonstrations, and discussions to K-12 students, their parents, and educators, and members of the AIChE community. Interested teams and individuals must submit an entry by September 1st in order to be considered for selection. Visit our website for more information and to submit an entry.

We look forward to seeing your entries!

Questions? Contact us at [k12@aiche.org](mailto:k12@aiche.org).

ChEers,

Emily Miksiewicz

AIChE K-12 Programs

[k12@aiche.org](mailto:k12@aiche.org)

## 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.](#)

### The Virtual Local Section's Executive Committee

#### Officers

Chair: [Paul Adamson](#)

Senior Vice Chair: [Steve Treese](#)

Vice Chair: Vacant

Immediate Past Chair: [Dan Lambert](#)

Secretary: [Laura Gimpelson](#)

Treasurer: [Jennifer Brand](#)

#### Directors

Member Care [Fred Fischl](#)

Publicity [Paul Wissmann](#)

Newsletter [Mario Arredondo](#)

Programming [Scott Clarke](#)

[Kirsten Rosselot](#)

Member Feedback [Richard Evans](#)

### 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@aiche.org](mailto:xpress@aiche.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.