



# virtuAIChE®

*This month's meeting:*

*Primary (with live presentation/live chat) Wednesday, Dec 18 at 9 pm ET (US) / 2 am GMT  
Alternate 1 (with recorded presentation/live chat) Thursday, Dec 19 at 5 am ET (US) / 10 am GMT  
Alternate 2 (with recorded presentation/live chat) Thursday, Dec 19 at 1 pm ET (US)/ 6 pm GMT*

## Holiday Mingle!

hosted by the Virtual Local Section's Executive Committee

Bring the adult beverage of your choice and join us for our first holiday social! We will find out what the most interesting chemical engineer in the world is drinking, who knows the most chemical engineering trivia, who has the best hideous holiday sweater, and more!

### December Meeting Join Instructions and Add-to-Calendar Links

#### Primary

(Live Webinar/Live Chat)  
Nov 18 at 9 PM EST / 2 AM GMT

Click [here](#) and use meeting number (access code): 790 058 543 to log in. To use telephone audio:  
1-866-469-3239 Call-in toll-free number (US/Canada) or  
+1-650-429-3300 Call-in toll number (US/Canada)

[Click here for global call-in numbers](#)  
[Add this meeting to your calendar](#)

#### Alternate 1

(Pre-Recorded Webinar/Live Chat)  
Nov 19 at 5 AM EST / 10 AM GMT

Click [here](#) and use meeting number (access code): 792 895 743 to log in. To use telephone audio:  
1-866-469-3239 Call-in toll-free number (US/Canada) or  
+1-650-429-3300 Call-in toll number (US/Canada)

[Click here for global call-in numbers](#)  
[Add this meeting to your calendar](#)

#### Alternate 2

(Pre-Recorded Webinar/Live Chat)  
Nov 19 at 1 PM EST / 6 PM GMT

Click [here](#) and use meeting number (access code): 793 648 755 to log in. To use telephone audio:  
1-866-469-3239 Call-in toll-free number (US/Canada) or  
+1-650-429-3300 Call-in toll number (US/Canada)

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## Introducing Our October 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 October winner – Steve Drury.*



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

A: I earned a BS in chemical engineering from the University of California at Berkeley in 1976 and I am a licensed PE in Washington.

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

A: I started my career with UOP (Chicago), a great company to work for as a newly minted chemical engineer. I traveled the US and the world commissioning and starting up petroleum processes licensed by UOP. I returned to the land of my birth (Puget Sound area) in the early '80s and worked for Anvil (an engineering consulting and design firm primarily serving petroleum refineries in Washington and Alaska). Then, I worked briefly with Boeing permitting and designing industrial waste water treatment facilities. The last and

best part of my career for 28 years was spent at Sharpe Mixers as the Director of Applications Engineering. Sharpe designs and builds mixing equipment for industries as diverse as pulp and paper, chemical, and food as well as wastewater treatment. We solved a lot of process problems for our customers by analyzing their mixing (keep in mind a CSTR is only theoretical). Right now I'm retired, with a wonderful wife of 43 years. We have two daughters and four grandsons. I occasionally help out on our younger daughter and son in law's oyster farm.

**Q: Where do you live?**

A: I live in Port Ludlow, Washington and Seattle.

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

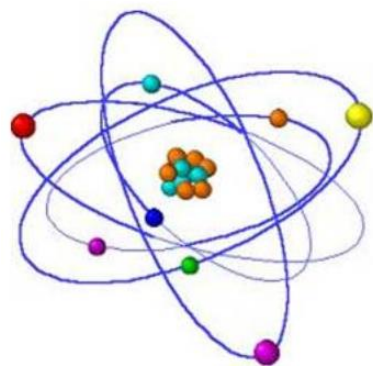
A: I was the Puget Sound local section chair back in the day. Unfortunately, the local section has not been active in recent years, which is why I joined the VLS. I still get CEP and the Engage discussions. Keeps me up to date with what chemical engineers are doing in today's environment.

**Q: Do you have any hobbies that are connected to chemical engineering?**

A: I am on the board of Hands For Peace Making, a not-for-profit that works in the northwest Guatemala highlands constructing schools, installing water systems, and (my best part) providing wood burning stoves to replace the traditional open fires found inside of homes. The stoves are constructed in Guatemala, which also provides job skills and business training. The stoves have a number of advantages over open fires—they get the smoke out of the house (lung diseases like asthma are very high especially among the women and children), little kids cannot fall into the fire (a real problem), and the increased efficiency reduces wood usage (less deforestation). This requires chemical engineering stuff like heat transfer (developing a lightweight robust fire brick used to line the stove's fire box) and fluid flow (optimizing stove pipe design for good draft) as part of the continuing effort to improve the stove's design along with ways to address corrosion (stove pipes only last a year or two and hot surfaces rust rapidly). All of this while maintaining affordability.

**Q: Do you have any comments on our profession?**

A: Chemical engineering is unique for engineering. We are taught in Chem E 101 about heat and mass balances and solving problems from the big picture perspective. We draw an envelope around the process, figure out what goes in, what goes out, and what is lost or accumulates. Other engineers start with statics, a tiny point with various forces working on it, solving a problem from the inside out. I like our worldview of taking the big picture perspective with the ability to understand the details. Also, thank God we had to take thermodynamics. Too bad thermo is not a requirement for policy makers.



# AIChE

## National 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
Dec 2 – Dec 4	2 <sup>nd</sup> International Conference on Microbiome Engineering
Dec 3	2019 AIChE Gala
Dec 4 – Dec 6	Cell Free Systems Conference
Dec 5 – Dec 6	2019 Food innovation and Engineering (FOODIE) Asia Conference
Dec 5 – Dec 6	Food – Energy – Water Nexus
Dec 8 - Dec 10	Optogenetic Technologies and Applications
Dec 8 – Dec 10	2019 Food innovation and Engineering (FOODIE) Conference
Dec 11 - Dec 13	7 <sup>th</sup> International Conference on Stem Cell Engineering 2019
Dec 12 – Dec 13	Engineering Sustainable Development 2019
Dec 12 – Dec 13	Solar Energy Systems Conference '19
Dec 16 – Dec 18	Sustainable Packaging Symposium 2019
Jan 7 – Jan 9	ICBE Asia 2020 - 10th International Conference on Biomolecular Engineering
Jan 7 – Jan 9	Sustainable Waste Workshop
Jan 31 – Feb 2	2020 Brazil Student Regional Conference

# AIChE



The Global  
Home of  
Chemical Engineers

## Virtual Local Section Election Results

Our Executive Committee election was held at the end of October. Dan Lambert, founding member and chair for many of the section's early years, was elected Chair. Paul Adamson, who is a Director and the Programming Committee Chair this year, was elected Vice Chair. He will succeed to the position of Senior Vice Chair at the beginning of the year as that position is vacant. Scott Clarke and Paul Wissmann are our new Directors. Congratulations to the four of them!

Many thanks to XP Nduagu for his excellent efforts as the Nominating Committee Chair. We're going to have a great team!

## The Virtual Local Section's Executive Committee

### Officers

Immediate Past Chair: [Experience Nduagu](#)

Chair: [Kirsten Rosselot](#)

Vice Chair Pro Tem: [Dan Lambert](#)

Secretary: [Laura Gimpelson](#)

Treasurer: [Jennifer Brand](#)

### Directors

Member Care [Louis Mielke](#)

Publicity [Paul Shuey](#)

Newsletter [Mario Arredondo](#)

Advisory Council Secretary [Richard Evans](#)

At-Large [Dan Miller](#)

Programming [Paul Adamson](#)

## 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 state in which you are licensed to our Secretary, [Laura Gimpelson](#), to receive one hour of continuing education credit for attending this meeting.