



*virtu*AIChE®

This month's meeting:

*Primary (with live discussion/live chat) Wednesday, Sep 23 at 9 pm ET (US) / 1 am GMT
Alternate 1 (with live discussion/live chat) Thursday, Sep 24 at 6 am ET (US) / 10 am GMT
Alternate 2 (with live discussion/live chat) Thursday, Sep 24 at 1 pm ET (US) / 5 pm GMT*

Internships and Undergraduate Education: Reflections from Student Competition Finalists

Presented by Raj Bhuva, Clayton Brandenburg and Morgan Bergstrom

For six years, VLS has hosted a student presentation competition around co-op and internship experiences. Due to uncertainty about summer internships in 2020, this year's September meeting will instead be a reflection from select finalists from previous years. They will discuss the role that their co-op or internship played in their undergraduate education and post-graduation plans, as well as other reflections on undergraduate education and Institute activities.

Confirmed speakers include:

- Raj Bhuva, now an Associate Consultant at Mastercard Data & Services, who graduated in 2020 from University of Pennsylvania.
- Clayton Brandenburg, now a project engineer at PinnacleART, who graduated in 2018 from University of South Carolina.
- Morgan Bergstrom, now an engineer at Gates Corporation, who graduated from Colorado School of Mines in 2019 and also pursued an MS in Chemistry from University of Oregon.



Prompts for speakers:

- What is your current role and/or career path since your internship/co-op experience? What are your longer-term career goals (if you care to share them)?
- How did your internship prepare you (or not prepare you) for this role and/or career path?
- What experiences or classes as an undergraduate turned out to be more valuable than you thought that they would, now that you are working?
- What would you have done differently as an undergraduate, if anything?
- How active were you in student AICHE and are you active in professional AICHE in any way today?
- How are you balancing work and life as a young professional?

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

Jul Meeting Registration Information

Primary	Alternate 1	Alternate 2
(Live Presentation/Live Chat)	(Recorded Presentation/Live Chat)	(Recorded Presentation/Live Chat)
Sep 23 at 9 PM EST / 1 AM GMT	Sep 24 at 6 AM EST / 10 AM GMT	Sep 24 at 1 PM EST / 5 PM GMT
Register in advance for the Primary Meeting	Register in advance for the Alternate 1 Meeting	Register in advance for the Alternate 2 Meeting

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

An Invitation from Dan Lambert, VLS chair

I invite you to wear your college polo shirt, t-shirt or sweatshirt to the September VLS meeting. I've asked our speakers to do the same. If you are like me, it has been a while since you have worn it, so you might have to dig deep into your drawer to find it.



Introducing Our June 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 June winner – Michael Curtis.



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

A: Johns Hopkins University, B.S. ChE in 2005.

Q: What kinds of jobs have you held?

A: Currently, I work as a Technical Specialist at Malvern Panalytical with industrial applications of particle size analysis from the pharmaceutical industry through the cement and petrochemical industry and everywhere in between for particle size analysis applications. I have also worked in the specialty chemical side of the world as a plant controls engineer and (brief) plant manager. My most fun job was definitely as a pyrotechnician lighting off fireworks shows. (unrelated to my ChE degree!)

Q: Where do you live?

A: Stratham, NH. About 1 hour north of Boston. Just far enough away and just close enough to BOS and MHT.

Q: Why did you join the Virtual Local Section?

I travel a lot and tend to have a hard time making most of the local Boston meetings. The VLS provides a great opportunity to virtually meet with other chemical engineers. Even before COVID made it 'cool' to do so! I'm writing this email from a hotel near a customer site I will visit tomorrow in Indiana.

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.](#)

Find Online Learning to Fit Your Schedule and Budget

AIChE has adapted AIChE Academy offerings—both in format and content—to keep life and work moving along, despite COVID-19. So, if you want to build new areas of knowledge and expertise, or need to refresh your know-how on a topic for an upcoming project or new job, it's a great time to take advantage of the many courses and webinars in chemical engineering, process safety, biological engineering, and other related areas.. [Review here](#)

Improve Your Video Communication Skills

Lorraine Kasprzak share with us some tips on how to improve your communication skills on camera and have a more professional presence on the screen. [Review here](#)

What Can You Expect from a Virtual Conference?

ChEnected chatted with the organizers of the event to hear about how the event went and put together some observations and tips for virtual event attendees. [Review here](#)

Upcoming VLS Meetings

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

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

AIChE News

The AIChE hosts technical conferences around the world. Check www.aiche.org/conferences for registration and presentation information for this year's events.

Dates	Event
Sep 8 – 10	Commercializing Industrial Biotechnology 2020
Sep 9	Simulation in the biopharma industry: Multiphase CFD for bioreactor characterization and optimization
Sep 10	CCPS Canada TSC Meeting
Sep 14 – 16	2020 Engineering Cosmetics and Consumer Products Conference
Sep 15 -17	Center for Hydrogen Safety US Conference 2020
Sep 15 – 17	Sustainable Waste Management Conference
Sep 16	Are you struggling with your asset integrity program?
Sep 17 – 18	8 th CCPS China Conference on Process Safety
Sep 22	CCPS India Regional TSC Meeting
Sep 22	Micro Reaction Calorimetry – Applications for the Chemical & Pharmaceutical Industry
Sep 23	Batch to Continuous Processing in the Pharmaceutical Industry
Sep 24	CCPS Middle East Regional TSC Meeting
Sep 28 – 30	2020 Process Development Symposium Europe – Postponed
Sep 28	5 th Bioengineering & Translational Medicine Conference
Sep 28	RAPID 2020 Virtual Peer Review
Sep 30 – Oct 1	Enterprise and Infrastructure Resilience Workshop
Oct 1 – 3	3 rd Cell Therapies and Immunotherapy Conference
Oct 1 – 2	12 th AIChE Southwest Process Technology Conference
Oct 6 – 7	2020 Dow Sponsored Virtual CCPS Faculty Workshop
Oct 7 – 8	Polymers and Textiles Conference 2020
Oct 9 – 11	4 th International Conference on Epigenetics and Bioengineering (EpiBio)
Oct 13 – 15	Bioenergy Sustainability Conference
Oct 13 – 15	2 nd 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 19 – 20	Renewable Natural Gas Summit
Oct 20 – 22	Center for Hydrogen Safety Europe Conference 2020
Oct 21 – 23	2 nd Battery and Energy Storage Conference
Oct 26 – 28	2 nd AfroBiotech Conference
Oct 28 – 29	Latin American Virtual Conference on Process Safety
Oct 30 – Nov 1	4 th International Conference on Plant Synthetic Biology, Bioengineering, and Biotechnology

The Virtual Local Section's Executive Committee

Officers

Chair:	Dan Lambert
Senior Vice Chair:	Paul Adamson
Vice Chair Pro Tem:	Aaron Sarafinas
Immediate Past Chair:	Kirsten Rosselot
Secretary:	Laura Gimpelson
Treasurer:	Jennifer Brand

Directors

Member Care	Louis Mielke
Publicity	Paul Shuey
Newsletter	Mario Arredondo
Programming	Richard Evans
	Scott Clarke
Member Feedback	Paul Wissmann

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 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.