

ISPE Boston Area Chapter Presents:

# WEBINAR

## Single Use Technologies – Unanswered Questions

**Thursday, January 21, 2021**

12:00 PM – 1:00 PM EST

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### PROGRAM SUMMARY:

Single use technologies have been deployed in commercial pharma and biopharma operations for several years. These technologies promised gains and efficiencies in facility design, operational flexibility, reduced utility costs, and reduced changeover time. Single use solutions have largely delivered on these promises, but with these benefits there have also been unforeseen costs and possible downsides such as reduced supply chain robustness, being locked into single suppliers, and a dead-end waste stream where single use components' ultimate destination is a landfill or incinerator.

Alejandro Kaiser will discuss the current state of these unanswered questions as well as possible paths forward to allow single use technologies to fully realize their potential. This webinar and Q&A will be of interest to facility designers and engineers, pharma and biopharma operations professionals, supply chain professionals, environmental and waste stream engineers, and anyone interested in learning more about these unanswered single use questions.

### WHO SHOULD ATTEND THIS WEBINAR:

This program is geared towards professionals interested in single use technologies.

### SPEAKER:

#### **Alejandro Kaiser, PE, Process Engineer, CRB**



Alejandro is a Process Engineer with CRB. His expertise lies in the design of biopharma facilities, including upstream and downstream processes, project coordination and project management activities, and field work. He is passionate about developing effective and efficient solutions for clients. He is continuously seeking new ways to do things better by looking beyond the status quo to new technologies and new methodologies that will increase efficiencies in facility design, operational flexibility, utility costs reduction, and reduced changeover time. His ability to think and act as a dynamic problem solver by incorporating new ideas has made him a valuable contributor to numerous concept design, basic design and detail design projects throughout his tenure at CRB for such clients as Pfizer, Lonza, Roche, B. Braun, Teva, Genzyme, BASF just to name few.

Alejandro has a Masters in Chemical Engineering from Washington University, as well as a Bachelor of Science in Chemical Engineering and Bachelor of Art in Chemistry from Washington University. He is Six Sigma Green Belt Certified.

### PROGRAM SPONSORS:



Alejandro is a member of the American Society of Mechanical Engineers as a BPE Active Collaborator. He is a member of ISPE and the Occupational Safety and Health Administration.

Alejandro is a passionate speaker and communicator. This program is not your typical soup and salad lunch and learn presentation, be prepared for a dynamic and engaging discussion on Single Use Technologies: Unanswered Questions.

### **MEETING MANAGERS:**

**Aaron Hubbell**, Delta Project Management

**Janelle Carretero**, NECI

### **REGISTRATION FEES:**

#### **Registration by 01/20/2021**

<input type="checkbox"/> Members	FREE
<input type="checkbox"/> Young Professional Members	FREE
<input type="checkbox"/> Student Members	FREE
<input type="checkbox"/> Nonmembers	\$15

### **LOG-ON INFORMATION:**

A confirmation email will be sent one day prior to the webinar with the Zoom login information. Should you have any questions or concerns, contact the office by calling (781) 647-4773 or e-mailing [office@ispeboston.org](mailto:office@ispeboston.org). The webinar can be accessed through phone, online, or through the Zoom webinar app.

**\*\*PLEASE NOTE: CANCELLATIONS RECEIVED AFTER January 20, 2021 ARE SUBJECT TO BILLING\*\***

## **REGISTRATION IS NOW OPEN ONLINE!**

Please complete the online registration at [www.ISPEBoston.org/Events](http://www.ISPEBoston.org/Events).

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