



High Impact Technology Exchange Conference

Educating America's Technical Workforce

Fairmont Scottsdale (Arizona)

July 19–22, 2009

Title: Session D5: Blended Learning and Training for Bio Manufacturing

Date/Time: Wednesday, July 22, 1:30 PM – 3:00 PM

Location: Fairmont Scottsdale Resort, Salon D

Description: The session attendees will learn how to integrate virtual labs and online materials with traditional hands-on experiments and technology curricula. Technicians will be engaged in learning fundamental principles of liquid column chromatography, and will be able to operate a Virtual Liquid Column Chromatography system online.

This hybrid laboratory comprises a simulation-based virtual lab and an actual BioLogic LC Chromatography System along with other learning recourses. Built-in assessment helps instructors to evaluate a student's knowledge before granting him or her access to actual equipment.

Hybrid labs address deficiencies of laboratory equipment, increase the efficiency of equipment utilization, as well as enhance students' understanding.

Presenters:

Dr. Yakov Cherner, ATELearning

Dr. Sonia Wallman, Northeast Biomanufacturing Center and Collaborative (NBC²)



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