

Michael Byron

LEAD PHARMACEUTICAL ENGINEER

EDUCATION

Bachelor of Science degrees

- Food Process Engineering
- Biochemistry
- Chemical Engineering

Purdue University
West Lafayette, IN

PRESENTATIONS

ISPE/Engineering Regulatory Compliance Conference-Spray Device Selection and Testing for Barrier Cleaning - Arlington, VA 2008

ISPE/Application for CIP Technology to Barriers and Isolators - Baltimore, MD 2013

University of Wisconsin - Process & CIP Integration for Food, Dairy and Pharmaceutical Industries - Madison, WI 2003-2013

ISPE/ CIP and SIP Integration for Operational Sustainability - Las Vegas 2014

ISPE/ Design Considerations for a Clean, Contained and Sterile Potent Compound Process - Chicago 2014

AWARDS

Engdahl Award for Design Excellence - 2013

RESPONSIBILITIES

Mike is a Lead Pharmaceutical Engineer with Seiberling Associates (now a Haskell company) and has been with the company since 1993. He is intensively involved in Process/CIP/SIP system design for pharmaceutical and biotechnology, pilot plants and manufacturing facilities. Mike has applied clean and sterile process design criteria to a great variety of pharmaceutical process operations and has great strength in process/CIP/SIP integration. Mike's diverse process engineering knowledge includes automated sterile/aseptic processing systems for cell culture harvest, purification, and sterile filling line operations. His attention to detail and thorough approach to his work serves him well as the technical leader of Seiberling's pharmaceutical process engineers.

RELEVANT PROJECT EXAMPLES

Abbott Labs

Plant audit and equipment design for renovation, Sturgis, MI

Amgen

Renovated CIP operations and distribution, Lake Centre, CO

New fermentation & purification facility, Longmont, CO

Optimization of CIP Systems, West Greenwich, RI

Bausch & Lomb

Filler operations and cleaning, Tampa, FL

Dey Labs

New formulation suites, Napa, CA

Genentech, Inc.

Debottlenecking project, Oceanside, CA

Multiple renovations and expansions, South San Francisco, CA

New cell culture & purification facility, Vacaville, CA

New purification suite, Oceanside CA

Eli Lilly Company

New cell culture & purification facility, Indianapolis, IN

New parenteral filling facility
Indianapolis, IN

New purification pilot plant,
Indianapolis, IN

Intermediate scale production facility, Indianapolis, IN

New clinical cell culture and purification facility, Indianapolis, IN

Spray design for barrier isolators, Indianapolis, IN

New cell culture & purification facility, Kinsale, Ireland

New large scale cell culture & purification facility, Kinsale, Ireland